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NATIONAL COUNCIL OF THE PAPER INDUSTRY FOR AIR AND STREAM IMPROVEMENT, INC., 260 MADISON AVENUE, NEW YORK, N.Y. 10016

AP-42 Section 10.6.1
Reference 12
Report Sect. 4
Reference 22

Note: This is a reference cited in *AP 42, Compilation of Air Pollutant Emission Factors, Volume I Stationary Point and Area Sources.* AP42 is located on the EPA web site at www.epa.gov/ttn/chief/ap42/

The file name refers to the reference number, the AP42 chapter and section. The file name "ref02_c01s02.pdf" would mean the reference is from AP42 chapter 1 section 2. The reference may be from a previous version of the section and no longer cited. The primary source should always be checked.

ORIENTED STRANDBOARD AND PLYWOOD AIR EMISSION DATABASES

TECHNICAL BULLETIN NO. 694

APRIL 1995

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ORIENTED STRANDBOARD AND PLYWOOD AIR EMISSION DATABASES

Over the last five years, a considerable amount of emission testing has been conducted at panel plants and other solid wood products manufacturing facilities. The industry believed it would be of value to compile and organize individual plant test data and make the compilation broadly available to the industry. The compilation would be useful to individual plants involved in preparing air quality permit applications, and would also serve to identify source types and pollutants for which little data were available. It was hoped the data gaps identified would eventually be filled by additional testing.

With the support of the American Forest and Paper Association's Wood Products Environmental Task Group, the National Particleboard Association, the American Hardboard Association, and the APA - the Engineered Wood Products Association, the National Council created a computerized Wood Products Database. The database was developed from emission test reports provided by wood products plants. The database contains source sampling data along with associated equipment and relevant process information.

Although the Wood Products Database is intended principally for personal computer use, many potential users expressed a desire for a printed version as well. Because of the large size of the whole database, it was decided to subdivide the printed version into three subsets (particleboard and medium density fiberboard; plywood and oriented strandboard; and combustion units) with each subset contained in a separate technical bulletin. A future additional technical bulletin will cover hardboard, roof insulation board, fiberboard sheathing and specialty fiberboard product plants.

This technical bulletin describes the oriented strandboard (OSB) and plywood portion of the database. The master Wood Products Database has been compiled electronically using a common database software package and is available on diskette. The data in the appendices of this report are simply a printout of selected

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searches are the most efficient means of extracting information from the database, users are encouraged to become familiar with the database structure and associated database software. Spreadsheet software may also be used to access the database, but sorting and querying the database will be more difficult.

Work on the Wood Products Database will continue in 1995. The printed version of the database in these three technical bulletins and the current electronic version now available on diskette represent "Version 1.0". With continued support from the wood products industry, the database will grow, include more diverse information, and become an increasingly useful resource for the industry.

The database was developed by Dr. David H. Word, Research Engineer at the Southern Regional Center. Dr. Word prepared this report. John Milner and Steven Cloutier, Research Technical Associates, assisted in the data compilation. Mr. Milner performed the formidable task of formatting and printing the tables for the report.

Questions and comments on this report and the Wood Products Database are encouraged. Especially useful would be comments regarding the ease-of-use of the computer and printed versions of the database, and suggestions for ways to improve the data organization within the database. All comments should be directed to Dr. Word at 904-377-4708, ext. 241 or to Dr. John Pinkerton at this office.

Very truly yours,

Ronald A. Yeske, PhD.
President

Attachment

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ORIENTED STRANDBOARD AND PLYWOOD AIR EMISSION DATABASES

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ABSTRACT: A database containing emission sampling data and associated process and equipment information for oriented strandboard (OSB) and plywood plants is described. Excluding boiler data, 16 OSB mills contributed information totaling approximately 500 sample runs and 1500 individual pollutant values, and nine plywood mills contributed information totaling approximately 150 sample runs and 350 individual pollutant values. Pollutant values are generally expressed as a concentration, a mass rate, and a production based rate. Pollutant values can be linked, through the database, to specific types of equipment and to specific operating or process conditions. Equipment and process information are supplied as received from the mills, therefore the amount of process information associated with a particular pollutant value is variable. Most of the emission measurements are for particulate matter, carbon monoxide, nitrogen oxides, volatile organic compound, and formaldehyde from wood dryers and presses. Some information is available on other pollutants such as phenol and acetaldehyde and on smaller particulate emission sources such as planers and sanders.

KEYWORDS: wood panels, air emissions, source sampling, wood products, pollutants, wood dryer, press, emission factors, OSB, plywood, particulate matter, carbon monoxide, nitrogen oxide, VOC, PM_{10}, formaldehyde

RELATED NCASI PUBLICATIONS:

(1) "A Study of Organic Compound Emissions from Veneer Dryers and Means for Their Control," NCASI Technical Bulletin No. 405 (August 1983).

(2) "Formaldehyde, Phenol and Total Gaseous Non-Methane Organic Compound Emissions from Flakeboard and Oriented-Strand Board Press Vents," NCASI Technical Bulletin No. 503 (September 1986).

(3) "A Summary of Gaseous Emission Measurement Data for Reconstituted Building Board Plants," NCASI Special Report No. 89-05 (September 1989).

ORIENTED STRANDBOARD AND PLYWOOD AIR EMISSION DATABASES

I INTRODUCTION

This technical bulletin is essentially a "hard copy" of a computerized database accompanied by descriptive material and instructions for its use. The purpose of the database is to provide the wood products industry with available air emission data and a means of segregating those data to fit their specific needs.

Five previous NCASI technical bulletins (Nos. 405, 493, 503, 504 and 657) and Special Report No. 89-05 contain emissions data from wood products facilities. These reports have provided plants with information useful for permitting, emission inventory purposes, and checking their own plant's stack sampling results. Additionally, these reports have provided analyses of measurement methods and the effects of various process parameters on emission levels.

The computerized database project, unlike the projects that resulted in the earlier technical bulletins, was not designed as a "study" or investigation into a certain area. The purposes of this project were to design a database structure that would accommodate wood product plant emission and process data and to compile available information into that structure. Clearly, the industry wanted a database that would allow it to use very specific criteria in selecting a set of emission factors. Additionally, the industry wanted a product that could be updated periodically and that would become increasingly useful over time. The database described in this report is intended to meet the industry's expectations.

The Wood Products Database is available on diskette and is structured for personal computer use. For those comfortable with computers and familiar with database software packages, sorting the data will be quick and relatively easy. Users of this printed copy will also be able to sort and segregate; the process will simply take more time. A form for member companies of NCASI, NPA, APA, AF&PA and AHA to order the database on diskette can be found in Appendix E.

II DATA SOURCES AND DATA QUALITY

In the summer of 1993, the National Particleboard Association (NPA), the American Hardboard Association (AHA) and APA - the Engineered Wood Products Association distributed to their respective members a survey instrument along with a request for air emission test data. The survey instrument was designed

to collect information about the equipment that had been tested, as well as pertinent process and raw material information specific to the testing period.

From inception the idea was not just to gather emission data on a rotary dryer, for example, but to gather data on a direct fired, single pass rotary dryer controlled by a wet electrostatic precipitator drying 50 percent poplar and 50 percent fir and operating at a dryer inlet temperature of 1100°F. For the wood products industry this amount of detail is important because the process and raw material parameters have a considerable impact on certain pollutant emission rates.

Since companies and mills were asked to voluntarily submit their information, the amount and quality of data submitted varied considerably. The amount of process information accompanying the test reports varied from none to complete. Company submitted information concerning the equipment, process and production rate was generally assumed to be correct. In some cases clarification was obtained. Incomplete or unavailable data are simply indicated by a blank space in the database.

In most cases the pollutant concentration and mass emission rate information provided in the stack test report were assumed to be correct. However, unusually high or low sample runs within a set of runs were checked.

Decisions had to be made concerning which data to keep and which to discard. For example, if a press had four vents and only one was tested, the data were generally discarded. If a dryer had two twin cyclones and only one was tested, the mass emission rates were generally doubled and included. If a press had six vents and three were tested, that data may have been included with notes in the comments. For cases in which some assumptions had to be made, the assumptions were generally provided in the comments section of the applicable table. Some reports were simply not used due to lack of process data, lack of information on emission points or for other reasons.

III DATABASE STRUCTURE

A. Introduction

It is important that the user understand the overall structure of the database and how the various tables are related. A general overview will first be provided followed by a more detailed explanation of the individual tables. The oriented strandboard (OSB) database is in Appendix A, and the plywood database is in Appendix B. Codes or abbreviations are explained in Appendix C. A glossary and an explanation of column (field) headings are in Appendix D.

The Wood Products Database might be thought of as a set of building blocks that can be reconfigured in numerous ways depending on the user's needs. The Wood Products Database or "master" database is a composite comprised of numerous linked or related files. For the purpose of these written reports, the master database has been subdivided into five smaller databases. They are: (1) OSB, (2) plywood, (3) MDF, (4) particleboard, and (5) combustion units.

B. Overview of Structure and Table Links

The structure for the Wood Products Database is provided in Figure 1. With the exception of the MDF database, all of the smaller databases are lacking two or more of the tables shown in Figure 1. Tables are grouped according to type or function and are joined or linked according to common codes.

The Reports Table, which contains stack gas parameters and other information, can be thought of as the heart of the database. It contains one record (row) for every sample run in the database. Each sample run has been assigned a run number, test code and unit code, the combination of which is (and must be) unique to the Reports Table.

Each record (row) in the Reports Table has a corresponding record in one of the "B Tables." The two records are linked through common Test Code/Unit Code/Run Number combinations. The "B Tables" provide process information specific to the individual test run.

Similarly, each record in one of the Pollutant Tables can be linked to either the Reports Table or a "B Table" through its identifying Test Code/Unit Code/Run Number. However, there is not a one-to-one relationship between the records in the Reports Table and the records in the Pollutants Tables. There are two reasons for this: (1) multiple pollutants can be tested for in the same sample run; and (2) multiple methods can be used for the same pollutant in the same sample run. Thus, the Test Code/Unit Code/Run Number combination that represents a single sample run in the Reports Table can occur in more than one pollutant table and more than once in an individual pollutant table.

The "A Tables" contain information about the equipment being tested. Each individual unit (or combination of units) has a unique Unit Code. Since the equipment generally does not change from test to test, neither does the unit code. Thus, a single record in one of the "A Tables" describes the equipment for multiple records in the Reports Table, "B" Tables and Pollutant Tables (see Unit Codes below).

The General Information Table contains information about the facility or mill such as product produced and tree species generally used. The General Information Table and the Reports Table are linked by a Facility Code. These two tables are the

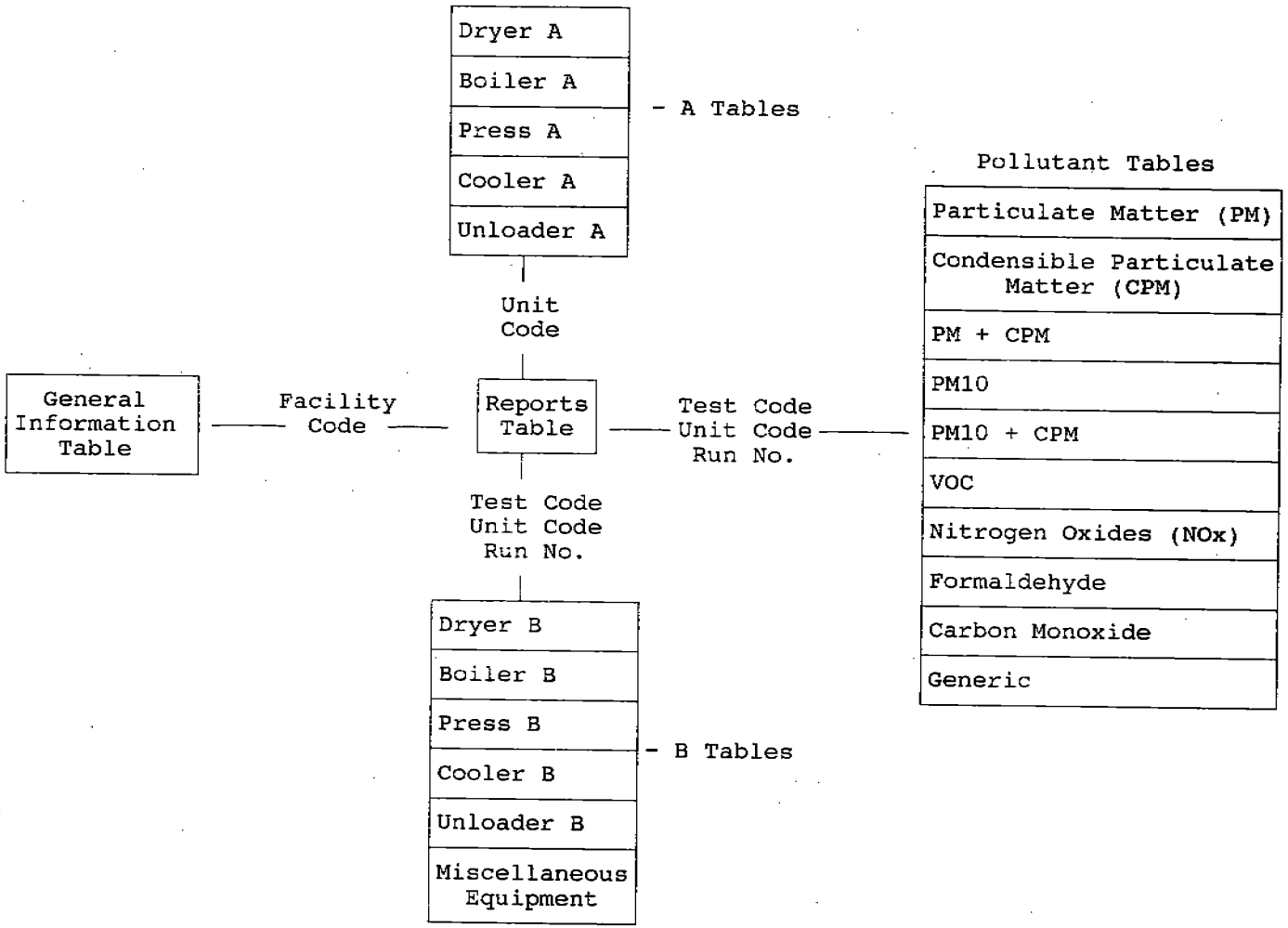

FIGURE 1 DATABASE STRUCTURE

only tables containing this particular code. The major purpose of the General Information Table is to provide a means for sorting the database information by panel or product type. For this printed version, the Wood Products Database has already been segregated by panel type, and the General Information Table is somewhat moot.

C. Unit Codes, Test Codes and Facility Codes

(1) Facility Codes - Each mill that supplied information was assigned a Facility Code. The Facility Code is a three digit number that appears in the General Information Table and the Reports Table. The facility code also is part of each assigned Unit Code and Test Code.

(2) Unit Codes - Unit codes consist of an arbitrary first digit followed by a letter indicating a type of unit and a three digit facility code. If multiple units have a common stack, the first digit is replaced with an X, Y or Z. For example, a press might be assigned a unit code of 1P888 and two dryers venting to a common stack might have a unit code of XD888. The unit code letters and corresponding equipment types are provided in Table 1.

TABLE 1 IDENTIFYING LETTERS USED IN UNIT CODES

D	Dryer	A	Planer
P	Press	E	Screening
B	Boiler	F	Former
C	Cooler	I	Dust Bin or Silo
U	Unloader	M	Mill (hammermill)
		N	Pneumatic Conveyor
		R	Refiner
		S	Sander
		W	Saw
		Z	Miscellaneous

The assignment and use of Unit Codes can best be explained through an example:

> In 1988 facility 999 had two single pass dryers each with its own product cyclone and stack. It also had three new triple pass dryers that all vented to a common WESP and stack. In a 1993 modification, the two single pass dryers were connected to a single WESP. Stack test reports for this mill were submitted for 1989 and 1994. All dryers were tested.
>
> For the 1989 test report the two single pass dryers would be coded 1D999 and 2D999. The three triple pass dryers with the common stack would be given the single code XD999. For the 1994 test report the three triple pass dryers did not change and would keep their same unit code (XD999); but the two single pass dryers did change and therefore would be recoded as YD999 for the 1994 report. The old codes (1D999 and 2D999) would remain in the database (Dryer A table) since they are necessary to describe those dryers during the 1989 tests.

(3) Test Codes - Test codes consist of a three digit facility code followed by a six digit number representing the test date and a final letter used to separate test codes with similar dates.

To illustrate, the above example will be expanded. Dryer 1D999 and Dryers XD999 were tested for particulate matter on October 31, 1989. Furthermore, Dryers XD999 were also simultaneously tested for VOC and were simultaneously tested at both the inlet and the outlet of the WESP. Table 2 shows how this information would be coded for the Reports Table.

TABLE 2 EXAMPLE OF TEST CODE ASSIGNMENT

TEST CODE	UNIT CODE	RUN NO.	SAMPLE LOCATION	FLOW (dscfm)	POLL 1	POLL 2
999-103189A	1D999	1	OUT	31,000	PM	
999-103189A	1D999	2	OUT	31,500	PM	
999-103189B	XD999	1	IN	101,000	PM	VOC
999-103189B	XD999	2	IN	110,000	PM	VOC
999-103189C	XD999	1	OUT	102,000	PM	VOC
999-103189C	XD999	2	OUT	109,000	PM	VOC

Note that there are three different test codes - one for Dryer 1D999's test and one each for the inlet and outlet test on Dryers XD999. Note also that PM and VOC samples were given the same test code since these pollutants were sampled for simultaneously.

D. Tables

(1) Introduction - The master database contains 23 tables, 21 of which are in three functional groups: "A" Tables, "B" Tables and Pollutant Tables. An overview of the function of each group, and the two other tables, was provided in Section III B. In this section the purpose and use of each table or group of tables will be discussed in more detail. Tables are described in the order in which they occur in the printed database(s). Column or field headings are explained in Appendix D.

(a) General Information Table - This table provides information on tree species generally used and the form in which the wood is received. The product column (field) is used to sort the database by panel type. The facility code provides a link to the Reports Table.

(b) Reports Table - This table is central to the database and contains all Test Code/Unit Code/Run Number combinations. The table contains basic stack gas parameters and a list of pollutants sampled for in each sample run. The Test Code/Unit Code/Run Number combination of this table will be the link to the "B" Tables and Pollutant Tables for a majority of the queries (questions) that are conducted.

(c) Dryer A Table - This table provides a description of the dryers that were tested. Fields (columns) such as Firing Type and Pollution Control Device contain information (criteria) that can be used to sort the database. In this table the Type Fuel field refers to fuels the dryer is capable of using or the fuel typically used. To sort records by type of fuel burned during the emission tests, the Type Fuel field in the Dryer B Table should be used.

(d) Dryer B Table - This table provides information about dryer operation and other process parameters during the testing period. Criteria such as wood species, type fuel, wood moisture content and dryer temperature can be used to segregate the data.

(e) Press A Table - This table provides general information on the presses that were tested. None of the presses in the database had pollution control devices (PCD) installed, thus PCD information is not included.

(f) Press B Table - This table provides information about the operation of the presses during the testing period. Numerous criteria are available for sorting the data, but data are scarce in some of the fields.

(g) Cooler A/Cooler B Tables - These tables serve the same purpose as the Press A/Press B Tables but describe cooler, rather than press, operations.

(h) Miscellaneous Equipment Table - This table provides information on units other than presses, dryers, boilers, coolers and unloaders. Codes for the types of miscellaneous equipment are provided in Section III C (1). Pollution control devices and general parameters such as wood species and temperature are provided.

(i) Unloader A/Unloader B Tables - These tables serve the same purpose as the Press A/Press B tables but describe unloader rather than press operations. Note that generally the unloader was considered part of the press, and unloader emissions were not separated. In some cases, however, the unloader emissions were considered separate in the stack test report. In this case, the emissions were kept separate in the database and comments were provided to alert the user.

(j) Pollutant Tables - These tables provide pollutant emission rates generally in several different units. All pollutant tables are identical in structure so that they can be combined or segregated as needed (by computer). Nine of the ten pollutant tables are pollutant specific. One, the Generic Table, contains information on all other pollutants. VOC data were converted to a carbon basis if provided otherwise. Nitrogen oxide data are provided on a NO_2 basis. In a very few cases, insufficient information was provided to determine the basis, and a NO_2 basis was assumed.

E. Structure of the Printed Database Tables

The database tables in Appendices A and B vary from small single page tables to large tables that span several pages horizontally and extend multiple pages vertically. Some of the large tables have hundreds of records (rows) and more than 20 fields (columns), and had to be printed on multiple pages.

The tables have a numbering system to help the user. Each database appendix has a table of contents to help locate the tables. Each table page has table-page-numbers as well as appendix page numbers. The first page of each table has a table-page-number after the title that describes the length and width of the overall table. For example, the first page of the table may have the descriptor Page 1a of 7 (a-c). This indicates that the table rows extend 7 pages "deep" and the table columns extend 3 pages across (a, b, and c). An individual record or row would be read across pages a, b, and c (for example, 2a, 2b, and 2c).

Black lines separating record groups are used to help the reader follow a record across the pages. For those tables that exceed two pages in width, repeated codes are used on the third (c) page as a reference point. ("A Tables" and the General

Information Table do not have record groups; codes are provided on all pages.)

For all tables except the "A Tables" and General Information Table, the records are provided in numerical order first by the Facility Code portion (first three digits) of the Test Code and then by the next six digits.

F. An Example of Database Use

(1) Introduction - An example is provided that may help the user understand how the tables are related. This section is intended for users of the printed database or spreadsheet users. Database software users should be able to query the database easily once the structure and links are understood.

(2) Example - Veneer Dryer VOC Data

(a) Step 1 - Turn to the Plywood VOC Table in Appendix B (last table). Select the records (rows) in which a "D" (for dryer) occurs in the Unit Code (total of 30 records). Record the Test Code, Unit Code and number of runs for each data set (total of 11 sets).

Note that data exist for three mills and seven different dryers (or combinations of dryers). Either record the emissions data or mark the place in the database.

(b) Step 2 - Open the Plywood Dryer B Table and search for the Test Code/Unit Code/Run Number combinations recorded from the Plywood VOC Table. Review and record pertinent data associated with each set of sample runs. For example, Dryer 2D179 was drying 100 percent pine veneer with a direct fired burner at temperatures of 420-484°F.

(c) Step 3 - Open the Plywood Dryer A Table and search for the seven dryer Unit Codes. Note that there are four direct fired dryers, two indirectly heated dryers and one radio frequency dryer. Note also that the radio frequency dryer receives redry only. Record the pertinent information associated with each Unit Code.

(d) Step 4 - Open the Plywood Reports Table and search for the Test Code/Unit Code/Run Number combinations from the Plywood VOC Table. Is any information pertinent or useful? Note the comments concerning flow measurement in the comments section.

(e) Step 5 - Return to the Plywood VOC Table or to the notes from that table. Compare the emission rates to the corresponding process data. Determine what process variables affect the emission rates. Determine which data are suitable for the existing need.

IV DATA NEEDS

A. Introduction

One purpose that a database can serve is to indicate areas in which data are lacking or scarce. Tables 3 through 7 in this section provide information on broad to relatively narrow categories of data contained in the OSB and plywood databases. These tables can be used as an aid when seeking information, but they can also be used to identify "gaps" or "weak spots" in the overall database.

This section will discuss data that are scarce or lacking in the Wood Products Database and not data that are scarce within the industry. Most of the data included in the Wood Products Database was obtained from a request for information made approximately 20 months ago. Since that time, a considerable amount of testing has been conducted. Additionally, only 53 of several hundred US panel plants responded.

General data needs for the entire Wood Products industry are discussed in the following section. Subsequently, specific needs for the plywood and OSB databases are discussed.

B. General Needs

Hardboard, roof insulation board, fiberboard sheathing, lumber and hardwood-plywood data are either completely lacking or not ready to be published at this time (with the exception of boiler data from some facilities manufacturing these products). Some hardboard process emissions data were received and a small amount of the data were usable, but a decision was made to initiate a second effort to solicit hardboard data and present the data separately in a future technical bulletin. Usable data were not received from the roof insulation board, fiberboard sheathing or "specialty fiberboard products" segments of the forest products industry. Similarly, data were not received from the hardwood-plywood and hardwood-lumber industries.

NCASI does have some softwood (mostly pine) lumber kiln emissions data. Most of these data were received in late December, 1994 and have not yet been processed and input into the database.

Emissions data accompanied by production information for miscellaneous small sources are needed. Very limited data on sanders, saws, planers, hammermills, refiners, formers, transfer cyclones, pneumatic conveying systems, etc. have been obtained. In many cases production data were not submitted with the stack test data and emission data were available only on a pound per hour basis. For most of these small sources the only pollutant tested for was front half or filterable particulate matter.

Additional data from press vents are needed. OSB is the only panel type for which a substantial amount of press data exists. Specific press testing needs are discussed by panel type in the following section.

Hazardous air pollutant (HAP) data are needed. The majority of HAP data (other than for formaldehyde) in the master database are from EPA sampling efforts at two particleboard mills and one MDF mill. The variability of some test results is such that they may be of questionable value. For some compounds, most of the sampling results are for only one type of source. For example, 21 of 25 phenol sample runs are from OSB presses or unloaders.

Emission test results from sources equipped with newer control technologies are needed. For example, there are no results for units controlled by Regenerative Thermal Oxidizers (RTOs) or biofilters in the database.

C. OSB Data Needs

More data were received from OSB mills than for any other type of mill (Table 3). The OSB database is reasonably diverse with respect to wood species, although dryer emissions data are needed for some northern and western softwood species (Table 4).

The vast majority of dryer particulate matter tests are from dryers controlled by wet electrostatic precipitators (WESP) (Table 5). About 25 percent of these data are from dryers controlled by electrified filter beds (EFB). Thus, further emission data from non-WESP-controlled OSB dryers are needed. Also, PM_{10} data from non-EFB-controlled OSB dryers are needed. A problem exists with respect to using existing EPA PM_{10} test methods on these high moisture sources, and good test data may be difficult to obtain.

All of the OSB dryer data in the Generic Table are from a single dryer tested with a single test method for aldehydes and ketones. Thus, HAP data for compounds other than formaldehyde for OSB dryers are needed.

The press data are reasonably well distributed among the ten database pollutant categories (Table 3). The major needs appear to be press PM_{10} data and HAP data. Sixty-eight formaldehyde runs, 15 MDI runs, 19 phenol runs and six naphthalene runs are in the database for OSB presses. No other OSB press data for HAPs were submitted.

D. Plywood Data Needs

The plywood database is approximately one-third the size of the OSB database and much less diverse. The available data are from only nine softwood plywood plants, with information for 12 dryers and four presses at these plants (Table 6). Additional data are needed for plywood plant dryers and presses since the

TABLE 3 ORIENTED STRANDBOARD DATABASE SUBDIVISIONS

No. of Mills	16		
No. of Runs	515		
No. of Dryers	28		
No. of Dryer Runs	348		
No. of Presses	15		
No. of Press Runs	147		
No. of Unloaders	5		
No. of Unloader Runs	20		
No. of Particulate Matter Runs (PM)	248	Dryer	193
		Press	55
		Cooler	0
No. of Condensible Particulate Runs (CPM)	215	Dryer	157
		Press	58
		Cooler	0
No. of PM + CPM Runs Total Particulate	215	Dryer	163
		Press	52
		Cooler	0
No. of PM_{10} Runs	18	Dryer	9
		Press	9
		Cooler	0
No. of PM_{10} + CPM Runs	30	Dryer	18
		Press	12
		Cooler	0
No. of VOC Runs	279	Dryer	210
		Press	54
		Cooler	15
No. of Carbon Monoxide Runs	145	Dryer	101
		Press	44
		Cooler	0

TABLE 3 (Cont'd) ORIENTED STRANDBOARD DATABASE SUBDIVISIONS

No. of Nitrogen Oxide Runs	40	Dryer	38
		Press	2
		Cooler	0
No. of Formaldehyde Runs	204	Dryer	130
		Press	68
		Cooler	6
No. of Generic Pollutant Runs (Aldehydes, ketones, HAPs, etc.)	78	Dryer	36
		Press	40
		Cooler	2

TABLE 4 ORIENTED STRANDBOARD DATABASE

Further Subdivision - Dryers and Wood Species

POLLUTANT	WOOD SPECIES	NO. OF RUNS
Condensible Particulate Matter (CPM)	>80% Aspen	30
	100% Poplar	33
	100% Hardwood	6
	90% Softwood	3
	40% Poplar, 60% Softwood	2
	50% Spruce, 50% Fir	6
	40% Pine, 60% Hardwood	10
	70% Pine, 30% Hardwood	12
	85% Pine	46
	100% Pine	9
Volatile Organic Compounds (VOC)	>80% Aspen	29
	100% Poplar	17
	100% Hardwood	27
	95% Hardwood	9
	100% Softwood	3
	50% Spruce, 50% Fir	12
	50% Hardwood, 50% Pine	12
	60% Hardwood, 40% Pine	16
	40% Hardwood, 60% Pine	6
	45% Hardwood, 55% Pine	6
	85% Pine	68
	100% Pine	5

TABLE 5 ORIENTED STRANDBOARD DATABASE

Further Subdivision - Dryer Control Devices

POLLUTANT	CONTROL DEVICE	NO. OF RUNS
Particulate Matter (PM)	EFB	51
	Multiclone	12
	Wet ESP	130
Condensible Particulate Matter (CPM)	EFB	42
	Wet ESP	115
PM + CPM (Total Particulate Matter)	EFB	48
	Wet ESP	115
PM_{10}	EFB	9
PM_{10} + CPM	EFB	18

TABLE 6 PLYWOOD DATABASE SUBDIVISIONS

No. of Mills	9		
No. of Runs	162		
No. of Dryers	12		
No. of Dryer Runs	90		
No. of Presses	4		
No. of Press Runs	20		
No. of Miscellaneous Equipment Runs	52		
No. of Particulate Matter Runs (PM)	115	Dryer	57
		Press	6
		Misc.	52
No. of Condensible Particulate Runs (CPM)	64	Dryer	58
		Press	6
No. of PM + CPM Runs Total Particulate	74	Dryer	68
		Press	6
No. of VOC Runs	41	Dryer	30
		Press	11
No. of Carbon Monoxide Runs	18	Dryer	18
		Press	0
No. of Nitrogen Oxide Runs	15	Dryer	15
No. of Formaldehyde Runs	6	Dryer	0
		Press	6
No. of Generic Pollutant Runs (Aldehydes, ketones, HAPs, etc.)	6	Dryer	6
		Press	0

TABLE 7 PLYWOOD DATABASE

Further Subdivision - Dryers and Wood Species

POLLUTANT	WOOD SPECIES	NO. OF RUNS
Condensible Particulate Matter (CPM)	100% Douglas Fir	30
	Spruce/Fir Mix	6
	Douglas Fir/White Fir Mix	3
	100% Pine	19
Volatile Organic Compounds (VOC)	100% Douglas Fir	4
	100% Pine	26

present database does not provide an adequate representation of the softwood plywood industry.

No data were received from hardwood plywood mills. The wood species represented by the softwood plywood mills are reasonably diverse for the various particulate matter categories. For VOCs, there are 26 pine sample runs and four Douglas fir (Table 7). Since wood species has a major effect on VOC emissions, more VOC data are needed from non-pine veneer dryers.

Press data for plywood facilities are critically needed. VOC is the only pollutant category for which more than six press sample runs exist.

V CONCLUSIONS

The Wood Products Database is not a finished product but represents the first step of a broad-based effort to compile and organize air emission data for the wood products industry. In computer terms, it might be thought of as "Version 1.0."

At this point the database size appears to be much greater than its diversity. For example, hundreds of dryer particulate matter samples are compiled, but there are no data for methanol from either dryers or presses. The database contains 33 condensible particulate matter runs for OSB dryers drying poplar but absolutely no data for hardwood plywood processes. Other examples could be given, the point being that the amount of data is reasonably large, but the diversity needs to be improved.

More data are needed to improve the database. Diversity of sampling results should increase with the addition of newer sampling data, since the 1994 and 1995 testing, compared to past sampling, has been much broader in scope. Participation from additional mills would also improve the database. It is hoped this report and the availability of the computerized database will stimulate increased participation from the industry.

Industry support needs to continue for the database to continue growing in size and value to the industry. Mills who have (or will have) test data that will fill needs identified in Section IV are urged to submit that data for incorporation into the database. Mills who have not yet participated are also urged to submit data and not rely on "other mills'" participation. Cooperation and teamwork are needed for the future success of this project.

APPENDIX A

ORIENTED STRANDBOARD DATABASE

APPENDIX A

OSB DATABASE

TABLE OF CONTENTS

OSB - GENERAL INFORMATION TABLE, Page 1a of 1(a)

Fac Code	Product	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3	% Species 3	Raw Wood Mat'l 1	Raw Wood Mat'l 2	Raw Wood Mat'l 3
041	OSB	SY PINE	80	HWOOD	20			LOG		
044	OSB	SPRUCE	50	UFIR	50			LOG		
052	OSB	SY PINE	60	HWOOD	40			LOG		
069	OSB	ASPEN	100					LOG		
070	OSB	PINE SP	85	HWOOD	15			LOG		
083	OSB	ASPEN	95	PINE SP	5			LOG		
088	OSB	HWOOD	95	SWOOD	5			LOG		
096	OSB	ASPEN	80	PINE SP	20			LOG		
097	OSB	HWOOD	100					LOG		
127	OSB	ASPEN	93	PINE SP	5	POPLAR	2	LOG		
174	OSB	PINE SP	60	HWOOD	40			LOG		
210	OSB	ASPEN	100					LOG		
211	OSB	HWOOD	100					LOG		
212	OSB	HWOOD	10	SWOOD	90			LOG		
215	OSB	PINE SP	55	HWOOD	45			LOG		
225	OSB	HWOOD	100					LOG		

OSB - REPORTS TABLE, Page 1c

Test Code	Run	Comments
041-052192A	1	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-052192A	2	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-052192A	3	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-052192B	1	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-052192B	2	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-052192B	3	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-063092A	1	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-063092A	2	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-063092A	3	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-063092B	1	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-063092B	2	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-063092B	3	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-121792A	1	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-121792A	2	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-121792A	3	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
041-121792B	1	3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
		3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
		3 dryers with a common stack; inlet/outlet data available; precipitator wash & voltage data available in report.
		Board thickness comparison available.
		Board thickness comparison available.
		Production provided in wet or green units only, moisture content not provided, see 044-102588A and B.
		Production provided in wet or green units only, moisture content not provided, see 044-102588A and B.
		Production provided in wet or green units only, moisture content not provided, see 044-102588A and B.
		Production provided in wet or green units only, moisture content not provided, see 044-102588A and B.
		Production provided in wet or green units only, moisture content not provided, see 044-102588A and B.
044-092193B	3	Production provided in wet or green units only, moisture content not provided, see 044-102588A and B.
044-092393A	1	PM/PM10 comparison available.
044-092393A	2	PM/PM10 comparison available.
044-092393A	3	PM/PM10 comparison available.
044-102588A	1	
044-102588A	2	
044-102588A	3	
044-102588B	1	
044-102588B	2	
044-102588B	3	
044-102588C	1	
044-102588D	1	
052-011493A	1	Data is for 4 dryers with common stack; 2 diff. methods used to test VOC.
052-011493A	2	Data is for 4 dryers with common stack; 2 diff. methods used to test VOC.
052-011493A	3	Data is for 4 dryers with common stack; 2 diff. methods used to test VOC.
052-011493B	1	Data is for 4 dryers with common stack; 2 diff. methods used to test VOC.

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OSB - REPORTS TABLE, Page 2a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
052-011493B	XD052	2	37.4 ODTH		52	N	OUT	150146	143	22
052-011493B	XD052	3	38.5 ODTH		52	N	OUT	151272	143	21.5
069-062492A	1P069	1	25.6 MSF 3/8/hr	17 TFPH	69	N	OUT	42275	117	1.5
069-062492A	1P069	2	25.6 MSF 3/8/hr	17 TFPH	69	N	OUT	42200	119	1
069-062492A	1P069	3	25.6 MSF 3/8/hr	17 TFPH	69	N	OUT	41610	122	1.7
069-071592A	1D069	1	16.76 TFPH		69	Y	OUT	33680		
069-071592A	1D069	2	16.76 TFPH		69	Y	OUT	33680	146	23.4
069-071592A	1D069	3	16.76 TFPH		69	Y	OUT	33680	144	21.5
069-071592B	1D069	1	16.76 TFPH		69	Y	OUT	43400		
069-071592B	1D069	2	16.76 TFPH		69	Y	OUT	43400		
069-071592B	1D069	3	16.76 TFPH		69	Y	OUT	43400		
069-071592C	1D069	1	16.76 TFPH		69	Y	OUT	32895	146	23.4
069-071592C	1D069	2	16.76 TFPH		69	Y	OUT	34460	144	21.5
069-071692A	2D069	1	16.76 TFPH		69	Y	OUT	34635	146	20.1
069-071692A	2D069	2	16.76 TFPH		69	Y	OUT	35025		
069-071692B	2D069	1	16.76 TFPH		69	Y	OUT	44055		
069-071692B	2D069	2	16.76 TFPH		69	Y	OUT	44055		
069-071692C	2D069	1	16.76 TFPH		69	Y	OUT	34635	146	20.6
069-081491A	1D069	1	16.90 TFPH		69	Y	IN	28259	256	21.6
069-081491A	1D069	2	16.90 TFPH		69	Y	IN	27530	256	21.6
069-081491A	1D069	3	16.90 TFPH		69	Y	IN	28987	257	21.6
069-081491B	1D069	1	16.90 TFPH		69	Y	OUT	26948	145	23.8
069-081491B	1D069	2	16.90 TFPH		69	Y	OUT	27501	144	24
069-081491B	1D069	3	16.90 TFPH		69	Y	OUT	27846	141	23.5
069-081591A	2D069	1	16.90 TFPH		69	Y	IN	28133	244	22.7
069-081591A	2D069	2	16.90 TFPH		69	Y	IN	28626	244	20.1
069-081591A	2D069	3	16.90 TFPH		69	Y	IN	28380		
069-081591B	2D069	1	16.90 TFPH		69	Y	OUT	27674	146	25
069-081591B	2D069	2	16.90 TFPH		69	Y	OUT	29873	141	21.6
069-081591B	2D069	3	16.90 TFPH		69	Y	OUT	30286	145	24.5

OSB - REPORTS TABLE, Page 2b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM	VOC	VOC	NOX	CO				
PM	VOC	VOC	NOX	CO				
PM	VOC	PHENOL	FOR	NAPHALENE				
PM	VOC	PHENOL	FOR	NAPHALENE				
PM	VOC	PHENOL	FOR	NAPHALENE				
NOX	CO							
NOX	CO							
NOX	CO							
VOC								
VOC								
VOC								
FOR								
FOR								
NOX	CO							
NOX	CO							
VOC								
VOC								
FOR								
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				
PM	CPM	PM&CPM	VOC	FOR				

OSB - REPORTS TABLE, Page 2c

Test Code	Run	Comments
052-011493B	2	Data is for 4 dryers with common stack; 2 diff. methods used to test VOC.
052-011493B	3	Data is for 4 dryers with common stack; 2 diff. methods used to test VOC.
069-062492A	1	
069-062492A	2	
069-062492A	3	
069-071592A	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071592A	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071592A	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071592B	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071592B	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071592B	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071592C	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071592C	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071692A	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071692A	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071692B	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071692B	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-071692C	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-081491A	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet sampling was after secondary cyclone before ESP.
069-081491A	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet sampling was after secondary cyclone before ESP.
069-081491A	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet sampling was after secondary cyclone before ESP.
069-081491B	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
069-081491B	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
069-081491B	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
069-081591A	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet sampling was after secondary cyclones before ESP.
069-081591A	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet sampling was after secondary cyclones before ESP.
069-081591A	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet sampling was after secondary cyclones before ESP.
069-081591B	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
069-081591B	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
069-081591B	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.

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OSB - REPORTS TABLE, Page 3a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
069-081992A	1D069	1	16.76 TFPH		69	Y	IN	35140	146	24
069-081992A	1D069	2	16.76 TFPH		69	Y	IN	34580	146	25.8
069-081992A	1D069	3	16.76 TFPH		69	Y	IN	34050	147	24.8
069-081992B	1D069	1	16.76 TFPH		69	Y	OUT	35140	146	24
069-081992B	1D069	2	16.76 TFPH		69	Y	OUT	34580	146	25.8
069-081992B	1D069	3	16.76 TFPH		69	Y	OUT	34050	147	24.8
069-082092A	2D069	1	16.76 TFPH		69	Y	IN	34105	141	21.9
069-082092A	2D069	2	16.76 TFPH		69	Y	IN	33570	142	21.7
069-082092A	2D069	3	16.76 TFPH		69	Y	IN	33395	143	22.5
069-082092B	2D069	1	16.76 TFPH		69	Y	OUT	34105	141	21.9
069-082092B	2D069	2	16.76 TFPH		69	Y	OUT	33570	142	21.7
069-082092B	2D069	3	16.76 TFPH		69	Y	OUT	33395	143	22.5
069-121390A	2D069	1	17.52 TFPH		69	Y	OUT	33483	133	22.1
069-121390A	2D069	2	17.52 TFPH		69	Y	OUT	30477	147.7	26.2
069-121390A	2D069	3	17.52 TFPH		69	Y	OUT	30029	147.7	25.1
069-121390B	1D069	1	17.52 TFPH		69	Y	OUT	29618	145.9	23.8
069-121390B	1D069	2	17.52 TFPH		69	Y	OUT	28300	152.4	26
069-121390B	1D069	3	17.52 TFPH		69	Y	OUT	28495	152.5	31.4
069-121390C	2D069	1	17.52 TFPH		69	Y	IN	27166	211.3	21.7
069-121390C	2D069	2	17.52 TFPH		69	Y	IN	25864	217.9	26.2
069-121390C	2D069	3	17.52 TFPH		69	Y	IN	26292	218.1	25.7
070-012793A	1P070	1	32.48 MSF 3/8/hr		70	N	OUT	107349	100	1
070-012793A	1P070	2	32.48 MSF 3/8/hr		70	N	OUT	107595	100	1
070-012793A	1P070	3	32.48 MSF 3/8/hr		70	N	OUT	107089	100	1
070-012893A	1P070	1	34.56 MSF 3/8/hr		70	N	OUT	108741	102	1.5
070-012893A	1P070	2	34.56 MSF 3/8/hr		70	N	OUT	106857	102	1.5
070-012893A	1P070	3	34.56 MSF 3/8/hr		70	N	OUT	106320	102	1.5
070-031593A	1P070	1			70	N				

OSB - REPORTS TABLE, Page 3b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	PM&CPM	VOC						
PM	PM&CPM	VOC						
PM	PM&CPM	VOC						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
FOR								
FOR								
FOR								
PHENOL	NAPHALENE							
PHENOL	NAPHALENE							
PHENOL	NAPHALENE							
PM	VOC							

OSB - REPORTS TABLE, Page 3c

Test Code	Run	Comments
069-081992A	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; CPM (inorganic and organic factions available).
069-081992A	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; CPM (inorganic and organic factions available).
069-081992A	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; CPM (inorganic and organic factions available).
069-081992B	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; CPM (inorganic and organic factions available).
069-081992B	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; CPM (inorganic and organic factions available).
069-081992B	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; CPM (inorganic and organic factions available).
069-082092A	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-082092A	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-082092A	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-082092B	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-082092B	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-082092B	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
069-121390A	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; #2 Surface dryer outlet.
069-121390A	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; #2 Surface dryer outlet.
069-121390A	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; #2 Surface dryer outlet.
069-121390B	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; #1 Core dryer outlet.
069-121390B	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; #1 Core dryer outlet.
069-121390B	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; #1 Core dryer outlet.
069-121390C	1	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; #2 Surface dryer inlet.
069-121390C	2	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; #2 Surface dryer inlet.
069-121390C	3	Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; #2 Surface dryer inlet.
070-012793A	1	Three press vents tested simultaneously; flows & mass rates combined.
070-012793A	2	Three press vents tested simultaneously; flows & mass rates combined.
070-012793A	3	Three press vents tested simultaneously; flows & mass rates combined.
070-012893A	1	Three press vents tested simultaneously; flows & mass rates combined.
070-012893A	2	Three press vents tested simultaneously; flows & mass rates combined.
070-012893A	3	Three press vents tested simultaneously; flows & mass rates combined.
070-031593A	1	No data entered; one of 3 press vents tested; record included because particle size data was obtained.

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OSB - REPORTS TABLE, Page 4a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
070-031992A	2D070	1	10.5 ODTH		70	Y	IN	28830	197	25.2
070-031992A	2D070	2	10.5 ODTH		70	Y	IN	29075	194	25.2
070-031992A	2D070	3	10.5 ODTH		70	Y	IN	28896	199	25.7
070-031992B	2D070	1	10.5 ODTH		70	Y	OUT	26560	151	24.1
070-031992B	2D070	2	10.5 ODTH		70	Y	OUT	26765	149	25.7
070-031992B	2D070	3	10.5 ODTH		70	Y	OUT	27684	148	26.5
070-042392A	1D070	1	10.5 ODTH		70	Y	IN			
070-042392A	1D070	2	10.5 ODTH		70	Y	IN			
070-042392A	1D070	3	10.5 ODTH		70	Y	IN			
070-042392B	1D070	1	10.5 ODTH		70	Y	OUT	35671	143	20.6
070-042392B	1D070	2	10.5 ODTH		70	Y	OUT	31506	146	23.6
070-042392B	1D070	3	10.5 ODTH		70	Y	OUT	31022	147	23.8
070-042392B	1D070	4	10.5 ODTH		70	Y	OUT	33368	142	20.7
070-042492A	3D070	1	11.2 ODTH		70	Y	IN			
070-042492A	3D070	2	11.2 ODTH		70	Y	IN			
070-042492A	3D070	3	11.2 ODTH		70	Y	IN			
070-042492B	3D070	1	11.2 ODTH		70	Y	OUT	31245	149	23.5
070-042492B	3D070	2	11.2 ODTH		70	Y	OUT	33249	150	24
070-042492B	3D070	3	11.2 ODTH		70	Y	OUT	33845	151	22.6
070-062891A	1D070	1	11.04 ODTH		70	Y	IN	26757	203	29.5
070-062891A	1D070	2	10.72 ODTH		70	Y	IN	27106	195	30.1
070-062891A	1D070	3	10.95 ODTH		70	Y	IN	26408	210	29
070-062891B	1D070	1	11.04 ODTH		70	Y	OUT	29502	151	27
070-062891B	1D070	2	10.72 ODTH		70	Y	OUT	28809	149	28
070-062891B	1D070	3	10.95 ODTH		70	Y	OUT	27647	152	28.4
070-062891C	3D070	1	6.2 ODTH		70	Y	IN	24133	192	27.1
070-062891C	3D070	2	6.4 ODTH		70	Y	IN	24837	195	26.4
070-062891C	3D070	3	8.6 ODTH		70	Y	IN	26251	195	21.4
070-062891D	3D070	1	6.2 ODTH		70	Y	OUT	27245	146	24.6
070-062891D	3D070	2	6.4 ODTH		70	Y	OUT	24832	146	23.7
070-062891D	3D070	3	8.6 ODTH		70	Y	OUT	24766	152	23.5
070-101091A	2D070	1	10.6 ODTH		70	Y	IN	24387	172	27.6
070-101091A	2D070	2	10.6 ODTH		70	Y	IN	25127	189	27
070-101091A	2D070	3	10.6 ODTH		70	Y	IN	25059	176	27.7
070-101091B	2D070	1	10.6 ODTH		70	Y	OUT	27452	151	27
070-101091B	2D070	2	10.6 ODTH		70	Y	OUT	28344	152	27.9
070-101091B	2D070	3	10.6 ODTH		70	Y	OUT	18408	147	29.5
070-101091C	3D070	1	10.6 ODTH		70	Y	IN	24681	188	26.7
070-101091C	3D070	2	10.6 ODTH		70	Y	IN	25448	189	23.3
070-101091C	3D070	3	10.6 ODTH		70	Y	IN	25271	195	23
070-101091D	3D070	1	10.6 ODTH		70	Y	OUT	24166	145	26.6
070-101091D	3D070	2	10.6 ODTH		70	Y	OUT	25841	150	23.6
070-101091D	3D070	3	10.6 ODTH		70	Y	OUT	24157	154	24.6

OSB - REPORTS TABLE, Page 4b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM	PM&CPM	CPM	VOC					
PM	PM&CPM	CPM	VOC					
PM	PM&CPM	CPM	VOC					
PM	PM&CPM	CPM	VOC	FOR	CO	NOX		
PM	PM&CPM	CPM	VOC	FOR	CO	NOX		
PM	PM&CPM	CPM	VOC	FOR	CO	NOX		
VOC								
VOC								
VOC								
FOR	VOC							
PM	PM&CPM	CPM	FOR	VOC	CO			
PM	PM&CPM	CPM	FOR	VOC	CO			
PM	PM&CPM	CPM	CO					
VOC								
VOC								
VOC								
VOC	CPM	PM	PM&CPM	CO	FOR	NOX		
VOC	CPM	PM	PM&CPM	CO	FOR	NOX		
VOC	CPM	PM	PM&CPM	CO	FOR	NOX		
PM	PM&CPM	CPM	FOR	CO	VOC			
PM	PM&CPM	CPM	FOR	CO	VOC			
PM	PM&CPM	CPM	FOR	CO	VOC			
PM	PM&CPM	CPM	FOR	CO	VOC			
PM	PM&CPM	CPM	FOR	CO	VOC			
PM	PM&CPM	CPM	FOR	CO	VOC			
PM	PM&CPM	CPM	FOR	VOC				
PM	PM&CPM	CPM	FOR	VOC				
PM	PM&CPM	CPM	FOR	VOC				
PM	PM&CPM	CPM	FOR	VOC				
PM	PM&CPM	CPM	FOR	VOC				
PM	PM&CPM	CPM	FOR	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				

OSB - REPORTS TABLE, Page 4c

Test Code	Run	Comments
070-031992A	1	Inlet/outlet simultaneous data on 4 - 6 pollutants.
070-031992A	2	Inlet/outlet simultaneous data on 4 - 6 pollutants.
070-031992A	3	Inlet/outlet simultaneous data on 4 - 6 pollutants.
070-031992B	1	Inlet/outlet simultaneous data on 4 - 7 pollutants.
070-031992B	2	Inlet/outlet simultaneous data on 4 - 7 pollutants.
070-031992B	3	Inlet/outlet simultaneous data on 4 - 7 pollutants.
070-042392A	1	Inlet/outlet data for VOC only.
070-042392A	2	Inlet/outlet data for VOC only.
070-042392A	3	Inlet/outlet data for VOC only.
070-042392B	1	
070-042392B	2	
070-042392B	3	
070-042392B	4	
070-042492A	1	
070-042492A	2	
070-042492A	3	
070-042492B	1	
070-042492B	2	
070-042492B	3	
070-062891A	1	Simultaneous testing of 6 pollutants at inlet & outlet to control device.
070-062891A	2	Simultaneous testing of 6 pollutants at inlet & outlet to control device.
070-062891A	3	Simultaneous testing of 6 pollutants at inlet & outlet to control device.
070-062891B	1	Simultaneous testing of 6 pollutants at inlet & outlet to control device.
070-062891B	2	Simultaneous testing of 6 pollutants at inlet & outlet to control device.
070-062891B	3	Simultaneous testing of 6 pollutants at inlet & outlet to control device.
070-062891C	1	Simultaneous testing of 5 pollutants at inlet & outlet to control device.
070-062891C	2	Simultaneous testing of 5 pollutants at inlet & outlet to control device.
070-062891C	3	Simultaneous testing of 5 pollutants at inlet & outlet to control device.
070-062891D	1	Simultaneous testing of 5 pollutants at inlet & outlet to control device.
070-062891D	2	Simultaneous testing of 5 pollutants at inlet & outlet to control device.
070-062891D	3	Simultaneous testing of 5 pollutants at inlet & outlet to control device.
070-101091A	1	Method 25/25A comparison available; inlet temperature comparison available.
070-101091A	2	Method 25/25A comparison available; inlet temperature comparison available.
070-101091A	3	Method 25/25A comparison available; inlet temperature comparison available.
070-101091B	1	Method 25/25A comparison available; inlet temperature comparison available.
070-101091B	2	Method 25/25A comparison available; inlet temperature comparison available.
070-101091B	3	Method 25/25A comparison available; inlet temperature comparison available.
070-101091C	1	Method 25/25A comparison available; inlet temperature comparison available.
070-101091C	2	Method 25/25A comparison available; inlet temperature comparison available.
070-101091C	3	Method 25/25A comparison available; inlet temperature comparison available.
070-101091D	1	Method 25/25A comparison available; inlet temperature comparison available.
070-101091D	2	Method 25/25A comparison available; inlet temperature comparison available.
070-101091D	3	Method 25/25A comparison available; inlet temperature comparison available.

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OSB - REPORTS TABLE, Page 5a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
070-101091E	2D070	1	5.3 ODTH		70	Y	IN	26052		
070-101091F	2D070	1	5.3 ODTH		70	Y	OUT	29590	143	26.7
070-101091G	3D070	1	5.3 ODTH		70	Y	IN	24357	193	24.9
070-101091H	3D070	1	5.3 ODTH		70	Y	OUT	26607	142	18.6
070-102192A	3D070	1	9.0 ODTH		70	Y	IN	31097	212	22.9
070-102192A	3D070	2	9.0 ODTH		70	Y	IN	31174	189	21.8
070-102192A	3D070	3	9.0 ODTH		70	Y	IN	31152	189	22.1
070-102192B	3D070	1	9.0 ODTH		70	Y	OUT	37707	139	18.1
070-102192B	3D070	2	9.0 ODTH		70	Y	OUT	36816	144	19.1
070-102192B	3D070	3	9.0 ODTH		70	Y	OUT	37836	146	20.8
070-102292A	3D070	1	9.0 ODTH		70	Y	IN	31842	195	23.3
070-102292A	3D070	2	9.0 ODTH		70	Y	IN	30886	199	24
070-102292A	3D070	3	9.0 ODTH		70	Y	IN	31652	193	23.3
070-102292B	3D070	1	9.0 ODTH		70	Y	OUT	36732	140	19.1
070-102292B	3D070	2	9.0 ODTH		70	Y	OUT	34982	142	19.3
070-102292B	3D070	3	9.0 ODTH		70	Y	OUT	35944	148	19.2
070-102292D	2D070	1			70					
083-011990A	1P083	1	28.2 MSF 3/8/hr		83	Y	OUT	34910	114	0.6
083-011990A	1P083	2	28.2 MSF 3/8/hr		83	Y	OUT	34290	118	0.8
083-011990A	1P083	3	28.2 MSF 3/8/hr		83	Y	OUT	33570	120	3.2
083-011990A	1U083	1	28.2 MSF 3/8/hr		83	Y	OUT	37100	102	0.4
083-011990A	1U083	2	28.2 MSF 3/8/hr		83	Y	OUT	36720	100	0.6
083-011990A	1U083	3	28.2 MSF 3/8/hr		83	Y	OUT	37290	104	0.5
083-012090A	1P083	1	28.2 MSF 3/8/hr		83	Y	OUT	31900	114	2.5
083-012090A	1P083	2	28.2 MSF 3/8/hr		83	Y	OUT	32010	115	2.7
083-012090A	1P083	3	28.2 MSF 3/8/hr		83	Y	OUT	32040	115	2.7
083-012090A	1U083	1	28.2 MSF 3/8/hr		83	Y	OUT	36910	98	0.6
083-012090A	1U083	2	28.2 MSF 3/8/hr		83	Y	OUT	39070	93	0.7
083-012090A	1U083	3	28.2 MSF 3/8/hr		83	Y	OUT	37830	96	0.7
083-060988A	YD083	1	15.2 ODTH		83	Y	OUT	61342	247	15.94

OSB - REPORTS TABLE, Page 5b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC	VOC				
PM	PM&CPM	CPM	VOC					
PM	PM&CPM	CPM	VOC					
PM	PM&CPM	CPM	VOC					
PM	PM&CPM	CPM	VOC					
PM	PM&CPM	CPM	VOC					
PM	PM&CPM	CPM	VOC					
FOR	FOR							
FOR	FOR							
FOR	FOR							
FOR	FOR							
FOR	FOR							
FOR	FOR							
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
PM	PM&CPM	CPM						

OSB - REPORTS TABLE, Page 5c

Test Code	Run	Comments
070-101091E	1	Low inlet temperature for comparison.
070-101091F	1	Low inlet temperature for comparison.
070-101091G	1	Low inlet temperature for comparison.
070-101091H	1	Low inlet temperature for comparison.
070-102192A	1	Three concurrent tests; at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; fresh quench water used.
070-102192A	2	Three concurrent tests; at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; fresh quench water used.
070-102192A	3	Three concurrent tests; at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; fresh quench water used.
070-102192B	1	Three concurrent tests; at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; fresh quench water used.
070-102192B	2	Three concurrent tests; at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; fresh quench water used.
070-102192B	3	Three concurrent tests; at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; fresh quench water used.
070-102292A	1	Three concurrent tests, at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; formaldehyde by 2 methods; fresh quench water used.
070-102292A	2	Three concurrent tests, at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; formaldehyde by 2 methods; fresh quench water used.
070-102292A	3	Three concurrent tests, at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; formaldehyde by 2 methods; fresh quench water used.
070-102292B	1	Three concurrent tests, at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; formaldehyde by 2 methods; fresh quench water used.
070-102292B	2	Three concurrent tests, at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; formaldehyde by 2 methods; fresh quench water used.
070-102292B	3	Three concurrent tests, at inlet to dryer (from boiler XB070), at inlet to WESP, at outlet of WESP; formaldehyde by 2 methods; fresh quench water used.
070-102292D	1	No data entered; Put activated carbon in air stream to remove VOC; considered ineffective; PPM values at inlet & outlet provided in test report.
083-011990A	1	Press and unloader emissions are separate.
083-011990A	2	Press and unloader emissions are separate.
083-011990A	3	Press and unloader emissions are separate.
083-011990A	1	Press and unloader emissions are separate.
083-011990A	2	Press and unloader emissions are separate.
083-011990A	3	Press and unloader emissions are separate.
083-012090A	1	Press and unloader emissions are separate.
083-012090A	2	Press and unloader emissions are separate.
083-012090A	3	Press and unloader emissions are separate.
083-012090A	1	Press and unloader emissions are separate.
083-012090A	2	Press and unloader emissions are separate.
083-012090A	3	Press and unloader emissions are separate.
083-060988A	1	Line 2 Wafer Dryer EFB. Data for EFB available in report.

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OSB - REPORTS TABLE, Page 6a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
083-060988A	YD083	2	15.2 ODTH		83	Y	OUT	60318	250	18.04
083-060988A	YD083	3	15.2 ODTH		83	Y	OUT	61057	248	16.6
083-061088A	XD083	1	15.4 ODTH		83	Y	OUT	59779	204	17.33
083-061088A	XD083	2	15.4 ODTH		83	Y	OUT	59501	206	17.8
083-061088A	XD083	3	15.4 ODTH		83	Y	OUT	60328	205	16.59
083-082990A	XD083	1	12.82 ODTH		83	Y	OUT	55821	209	18.84
083-082990A	XD083	2	12.82 ODTH		83	Y	OUT	61176	197	11.38
083-082990A	XD083	3	12.82 ODTH		83	Y	OUT	63431	187	7.35
088-030989A	1D088	1	9.82 ODTH		88	Y	OUT	35202	181	10.8
088-030989A	1D088	2	9.82 ODTH		88	Y	OUT	35202	181	10.8
088-030989A	1D088	3	9.82 ODTH		88	Y	OUT	35202	181	10.8
088-031193A	1P088	1	16.16 MSF 3/8/hr		88	Y	OUT	80776	77	0.82
088-031193A	1P088	2	16.16 MSF 3/8/hr		88	Y	OUT	80805	77	1.22
088-031193A	1P088	3	16.16 MSF 3/8/hr		88	Y	OUT	81545	77	0.91
088-031193B	1P088	1	16.16 MSF 3/8/hr		88	Y	OUT	81078	79	1.12
088-031193B	1P088	2	16.16 MSF 3/8/hr		88	Y	OUT	80324	77	1.13
088-031193B	1P088	3	16.16 MSF 3/8/hr		88	Y	OUT	81514	77	1.11
088-120892A	1D088	1	11.5 ODTH		88	Y	OUT	35041	182	19.75
088-120892A	1D088	2	11.5 ODTH		88	Y	OUT	34781	184	19.75
088-120892A	1D088	3	11.5 ODTH		88	Y	OUT	35691	181	18.24
088-120892B	1D088	1	11.5 ODTH		88	Y	OUT	35852	180	19.83
088-120892B	1D088	2	11.5 ODTH		88	Y	OUT	35827	175	19.46
088-120892B	1D088	3	11.5 ODTH		88	Y	OUT	35921	183	18.94
088-120992D	1P088	1	16.30 MSF 3/8/hr		88	Y	OUT	81000		1
088-120992D	1P088	2	16.30 MSF 3/8/hr		88	Y	OUT	81000		1
088-120992D	1P088	3	16.30 MSF 3/8/hr		88	Y	OUT	81000		1.5
088-120992E	1P088	1	16.30 MSF 3/8/hr		88	Y	OUT	81844	77	
088-120992E	1P088	2	16.30 MSF 3/8/hr		88	Y	OUT	82039	75	
088-120992E	1P088	3	16.30 MSF 3/8/hr		88	Y	OUT	84468	74	
088-121092A	1P088	1	16.66 MSF 3/8/hr		88	Y	OUT	81335	72	1.1
088-121092A	1P088	2	16.66 MSF 3/8/hr		88	Y	OUT	80748	73	1.2
088-121092A	1P088	3	16.66 MSF 3/8/hr		88	Y	OUT	80484	74	1.2
088-121092C	1P088	1	16.66 MSF 3/8/hr		88	Y	OUT	78709	78	1.2
088-121092C	1P088	2	16.66 MSF 3/8/hr		88	Y	OUT	79126	76	1.2
088-121092C	1P088	3	16.66 MSF 3/8/hr		88	Y	OUT	77917	77	1.2
088-121488A	1D088	1	9.6 ODTH		88	Y	OUT	34762	203	10.82
088-121488A	1D088	2	9.6 ODTH		88	Y	OUT	34663	205	11.31
088-121488A	1D088	3	9.6 ODTH		88	Y	OUT	35219	205	10.45
088-121588B	1U088	1	13.16 MSF 3/8/hr		88	Y	OUT	33142	81	1.83
088-121588B	1U088	2	13.16 MSF 3/8/hr		88	Y	OUT	33142	81	1.83

OSB - REPORTS TABLE, Page 6b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
MDI								
MDI								
MDI								
MDI								
MDI								
MDI								
PM	CPM	PM&CPM	NOX	VOC	CO			
PM	CPM	PM&CPM	NOX	VOC	CO			
PM	CPM	PM&CPM	NOX	VOC	CO			
FOR	VOC							
FOR	VOC							
FOR	VOC							
PHENOL								
PHENOL								
PHENOL								
MDI								
MDI								
MDI								
PM	PM&CPM	CPM	VOC	CO				
PM	PM&CPM	CPM	VOC	CO				
PM	PM&CPM	CPM	VOC	CO				
FOR								
FOR								
FOR								
PM	VOC							
PM	VOC							
PM	VOC							
FOR	VOC							
FOR	VOC							

OSB - REPORTS TABLE, Page 6c

Test Code	Run	Comments
083-060988A	2	Line 2 Wafer Dryer EFB. Data for EFB available in report.
083-060988A	3	Line 2 Wafer Dryer EFB. Data for EFB available in report.
083-061088A	1	Line 2 Wafer Dryer EFB. Data for EFB available in report.
083-061088A	2	Line 2 Wafer Dryer EFB. Data for EFB available in report.
083-061088A	3	Line 2 Wafer Dryer EFB. Data for EFB available in report.
083-082990A	1	Line 2 Wafer Dryer EFB. Data for EFB available in report.
083-082990A	2	Line 2 Wafer Dryer EFB. Data for EFB available in report.
083-082990A	3	Line 2 Wafer Dryer EFB. Data for EFB available in report.
088-030989A	1	Data for EFB available in report.
088-030989A	2	Data for EFB available in report.
088-030989A	3	Data for EFB available in report.
088-031193A	1	Consists of press and unloader; press & unloader vent to common stack.
088-031193A	2	Consists of press and unloader; press & unloader vent to common stack.
088-031193A	3	Consists of press and unloader; press & unloader vent to common stack.
088-031193B	1	Consists of press and unloader; press & unloader vent to common stack.
088-031193B	2	Consists of press and unloader; press & unloader vent to common stack.
088-031193B	3	Consists of press and unloader; press & unloader vent to common stack.
088-120892A	1	Softwood trial
088-120892A	2	Softwood trial
088-120892A	3	Softwood trial
088-120892B	1	
088-120892B	2	
088-120892B	3	
088-120992D	1	
088-120992D	2	
088-120992D	3	
088-120992E	1	
088-120992E	2	
088-120992E	3	
088-121092A	1	"Press" includes Press + Board cooler all to one stack.
088-121092A	2	"Press" includes Press + Board cooler all to one stack.
088-121092A	3	"Press" includes Press + Board cooler all to one stack.
088-121092C	1	
088-121092C	2	
088-121092C	3	
088-121488A	1	
088-121488A	2	
088-121488A	3	
088-121588B	1	Press & unloader vent to separate stacks; tied together after 1988; treated as separate units, emissions are not summed.
088-121588B	2	Press & unloader vent to separate stacks; tied together after 1988; treated as separate units, emissions are not summed.

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OSB - REPORTS TABLE, Page 7a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
088-121588B	1U088	3	13.16 MSF 3/8/hr		88	Y	OUT	33142	81	1.83
088-121588C	2P088	1	13.16 MSF 3/8/hr		88	Y	OUT	29373	80	2.01
088-121588C	2P088	2	13.16 MSF 3/8/hr		88	Y	OUT	29373	80	2.01
088-121588C	2P088	3	13.16 MSF 3/8/hr		88	Y	OUT	29373	80	2.01
088-121588D	1U088	1	13.16 MSF 3/8/hr		88	Y	OUT	33100	80	1.83
088-121588D	1U088	2	13.16 MSF 3/8/hr		88	Y	OUT	33100	80	1.83
096-012693A	2D096	1	12.66 ODTH		96	Y	OUT	31900	137	21.66
096-012693A	2D096	2	12.66 ODTH		96	Y	OUT	31689	137	21.47
096-012693A	2D096	3	12.66 ODTH		96	Y	OUT	32264	135	20.62
096-012693B	2D096	1	12.66 ODTH		96	Y	IN	26002	196	23.01
096-012693B	2D096	2	12.66 ODTH		96	Y	IN	27345	197	22.87
096-012693B	2D096	3	12.66 ODTH		96	Y	IN	26554	199	23.67
096-012793A	2D096	1	12.69 ODTH		96	Y	OUT	32022	136	21.09
096-012793A	2D096	2	12.69 ODTH		96	Y	OUT	32314	135	20.7
096-012793A	2D096	3	12.69 ODTH		96	Y	OUT	31723	136	21.11
096-012793C	2D096	1	12.69 ODTH		96	Y	IN	27018	196	23.6
096-012793C	2D096	2	12.69 ODTH		96	Y	IN	27134	200	22.83
096-012793C	2D096	3	12.69 ODTH		96	Y	IN	26925	199	23.75
096-012893A	2P096	1	20.15 MSF 3/8/hr		96	Y	OUT	81713	72	0.97
096-012893A	2P096	2	20.15 MSF 3/8/hr		96	Y	OUT	80637	78	0.99
096-012893A	2P096	3	20.15 MSF 3/8/hr		96	Y	OUT	79764	82	1.19
096-012893B	2P096	1	20.15 MSF 3/8/hr		96	Y	OUT	81659	83	0.49
096-012893B	2P096	2	20.15 MSF 3/8/hr		96	Y	OUT	81886	78	0.68
096-012893B	2P096	3	20.15 MSF 3/8/hr		96	Y	OUT	84078	73	0.57
096-012893C	2P096	1	20.15 MSF 3/8/hr		96	Y	OUT			
096-012893C	2P096	2	20.15 MSF 3/8/hr		96	Y	OUT			
096-012893C	2P096	3	20.15 MSF 3/8/hr		96	Y	OUT			
096-012993A	2P096	1	19.59 MSF 3/8/hr		96	Y	OUT	81867	69	0.87
096-012993A	2P096	2	19.59 MSF 3/8/hr		96	Y	OUT	79768	77	0.89
096-012993A	2P096	3	19.59 MSF 3/8/hr		96	Y	OUT	80761	78	0.79
096-060490A	1P096	1	12.25 MSF 3/8/hr		96	N	OUT	28372	106	0.63
096-060490A	1P096	2	12.25 MSF 3/8/hr		96	N	OUT	27514	109	0.8
096-060490A	1P096	3	12.25 MSF 3/8/hr		96	N	OUT	27996	109	0.94
096-060490B	1P096	1	12.25 MSF 3/8/hr		96	N	OUT			
096-060490C	1P096	1	11.15 MSF 3/8/hr		96	N	OUT	27603	108	0.95
096-060490C	1P096	2	11.15 MSF 3/8/hr		96	N	OUT	28340	105	1.08
096-060490C	1P096	3	11.15 MSF 3/8/hr		96	N	OUT	28204	101	0.93

OSB - REPORTS TABLE, Page 7b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
FOR	VOC							
PHENOL	FOR	VOC						
PHENOL	FOR	VOC						
PHENOL	FOR	VOC						
PHENOL								
PHENOL								
FOR	VOC							
FOR	VOC							
FOR	VOC							
FOR	VOC							
FOR	VOC							
FOR	VOC							
PM	CPM	PM&CPM	CO					
PM	CPM	PM&CPM	CO					
PM	CPM	PM&CPM	CO					
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
MDI								
MDI								
MDI								
VOC								
VOC								
VOC								
FOR								
FOR								
FOR								
PM	CPM	PM&CPM	FOR	CO	VOC			
PM	CPM	PM&CPM	FOR	CO	VOC			
PM	CPM	PM&CPM	FOR	CO	VOC			
VOC								
PM	CPM	PM&CPM	FOR	CO	VOC			
PM	CPM	PM&CPM	FOR	CO	VOC			
PM	CPM	PM&CPM	FOR	CO	VOC			

OSB - REPORTS TABLE, Page 7c

Test Code	Run	Comments
088-121588B	3	Press & unloader vent to separate stacks; tied together after 1988; treated as separate units, emissions are not summed.
088-121588C	1	Press & unloader vent to separate stacks; tied together after 1988; treated as separate units, emissions are not summed.
088-121588C	2	Press & unloader vent to separate stacks; tied together after 1988; treated as separate units, emissions are not summed.
088-121588C	3	Press & unloader vent to separate stacks; tied together after 1988; treated as separate units, emissions are not summed.
088-121588D	1	Press & unloader vent to separate stacks; tied together after 1988; treated as separate units, emissions are not summed.
088-121588D	2	Press & unloader vent to separate stacks; tied together after 1988; treated as separate units, emissions are not summed.
096-012693A	1	Inlet/Outlet comparison available.
096-012693A	2	Inlet/Outlet comparison available.
096-012693A	3	Inlet/Outlet comparison available.
096-012693B	1	Inlet/Outlet comparison available.
096-012693B	2	Inlet/Outlet comparison available.
096-012693B	3	Inlet/Outlet comparison available.
096-012793A	1	Inlet/Outlet comparison available.
096-012793A	2	Inlet/Outlet comparison available.
096-012793A	3	Inlet/Outlet comparison available.
096-012793C	1	Inlet/Outlet comparison available.
096-012793C	2	Inlet/Outlet comparison available.
096-012793C	3	Inlet/Outlet comparison available.
096-012893A	1	
096-012893A	2	
096-012893A	3	
096-012893B	1	
096-012893B	2	
096-012893B	3	
096-012893C	1	
096-012893C	2	
096-012893C	3	
096-012993A	1	
096-012993A	2	
096-012993A	3	
096-060490A	1	Comparison of production rates and species available.
096-060490A	2	Comparison of production rates and species available.
096-060490A	3	Comparison of production rates and species available.
096-060490B	1	
096-060490C	1	Comparison of production rates and species available.
096-060490C	2	Comparison of production rates and species available.
096-060490C	3	Comparison of production rates and species available.

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OSB - REPORTS TABLE, Page 8a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
096-060590A	1D096	1	7.74 ODTH		96	Y	OUT	33018	244	11.71
096-060590A	1D096	2	7.74 ODTH		96	Y	OUT	33015	246	12.89
096-060590A	1D096	3	7.74 ODTH		96	Y	OUT	32623	248	13.54
096-060590B	1D096	1	7.74 ODTH		96	Y	OUT			
096-060590C	1D096	1	11.7 ODTH		96	Y	OUT	31179	243	18.5
096-060590C	1D096	2	11.7 ODTH		96	Y	OUT	30994	242	20.95
096-060590C	1D096	3	11.7 ODTH		96	Y	OUT	31020	237	17.93
096-060590D	1D096	1	11.7 ODTH		96	Y	OUT			
096-060590E	1P096	1	17.28 MSF 3/8/hr		96	N	OUT	28851	106	1.05
096-060590E	1P096	2	17.28 MSF 3/8/hr		96	N	OUT	27855	98	0.94
096-060590E	1P096	3	17.28 MSF 3/8/hr		96	N	OUT	28607	96	0.76
096-060590F	1P096	1	18.84 MSF 3/8/hr		96	N	OUT	27487	113	1.26
096-060590F	1P096	2	18.84 MSF 3/8/hr		96	N	OUT	26702	114	0.98
096-060590F	1P096	3	18.84 MSF 3/8/hr		96	N	OUT	27919	113	1.09
096-060690B	1P096	1	19.74 MSF 3/8/hr		96	N	OUT	26953	112	1.18
096-060690B	1P096	2	19.74 MSF 3/8/hr		96	N	OUT	26731	108	0.85
096-060690B	1P096	3	19.74 MSF 3/8/hr		96	N	OUT	27732	108	0.82
096-060690C	1P096	1	12.29 MSF 3/8/hr		96	N	OUT	27461	108	0.83
096-060690C	1P096	2	12.29 MSF 3/8/hr		96	N	OUT	28372	107	0.65
096-060690C	1P096	3	12.29 MSF 3/8/hr		96	N	OUT	28245	101	0.81
096-060790A	1P096	1	12.53 MSF 3/8/hr		96	N	OUT	27419	98	0.95
096-060790A	1P096	2	12.53 MSF 3/8/hr		96	N	OUT	28955	104	1.34
096-060790A	1P096	3	12.53 MSF 3/8/hr		96	N	OUT	27093	106	0.8
096-060790B	1P096	1	17.45 MSF 3/8/hr		96	N	OUT	26253	111	0.96
096-060790B	1P096	2	17.45 MSF 3/8/hr		96	N	OUT	27303	110	0.95
096-060790B	1P096	3	17.45 MSF 3/8/hr		96	N	OUT	27497	110	1.26
096-060790C	1D096	1	12.2 ODTH		96	Y	OUT	38565	173	9.29
096-060790C	1D096	2	12.2 ODTH		96	Y	OUT	37534	187	9.44
096-060790C	1D096	3	12.2 ODTH		96	Y	OUT	37824	207	9.28
096-060890A	1P096	1	11.99 MSF 3/8/hr		96	N	OUT	28858	91	1.2
096-060890A	1P096	2	11.99 MSF 3/8/hr		96	N	OUT	27588	93	1.56
096-060890A	1P096	3	11.99 MSF 3/8/hr		96	N	OUT	27762	100	0.78
096-060890B	1P096	1	19.47 MSF 3/8/hr		96	N	OUT	28747	109	1.06
096-060890B	1P096	2	19.47 MSF 3/8/hr		96	N	OUT	26783	111	0.97
096-060890B	1P096	3	19.47 MSF 3/8/hr		96	N	OUT	28360	114	1.52
096-060890C	1D096	1	8.24 ODTH		96	Y	OUT	37124	235	6.46
096-060890C	1D096	2	8.24 ODTH		96	Y	OUT	35374	214	12.06
096-060890C	1D096	3	8.24 ODTH		96	Y	OUT	35428	230	11.13
096-092790A	1P096	1	14.7 MSF 3/8/hr		96	N	OUT	28432	90	1.76
096-092790A	1P096	2	14.7 MSF 3/8/hr		96	N	OUT	28380	95	1.69
096-092790A	1P096	3	14.7 MSF 3/8/hr		96	N	OUT	28462	99	1.51
096-092790B	1P096	1	16.2 MSF 3/8/hr		96	N	OUT	28693	94	1.51
096-092790B	1P096	2	16.2 MSF 3/8/hr		96	N	OUT	28917	92	1.66

OSB - REPORTS TABLE, Page 8b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM	FOR	CO	CPM	PM&CPM				
PM	FOR	CO	CPM	PM&CPM				
PM	FOR	CO	CPM	PM&CPM				
VOC								
PM	FOR	CO	CPM	PM&CPM				
PM	FOR	CO	CPM	PM&CPM				
PM	FOR	CO	CPM	PM&CPM				
VOC								
PM	CPM	PM&CPM	FOR	CO	VOC			
PM	CPM	PM&CPM	FOR	CO	VOC			
PM	CPM	PM&CPM	FOR	CO	VOC			
PM	CPM	PM&CPM	FOR	CO	VOC			
PM	CPM	PM&CPM	FOR	CO	VOC			
PM	CPM	PM&CPM	FOR	CO	VOC			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
PM	FOR	CO	VOC	CPM	PM&CPM			
MDI								
MDI								
MDI								
MDI								
MDI								

OSB - REPORTS TABLE, Page 8c

Test Code	Run	Comments
096-060590A	1	Comparison of production rates available.
096-060590A	2	Comparison of production rates available.
096-060590A	3	Comparison of production rates available.
096-060590B	1	Comparison of production rates available.
096-060590C	1	Comparison of production rates available.
096-060590C	2	Comparison of production rates available.
096-060590C	3	Comparison of production rates available.
096-060590D	1	Comparison of production rates available.
096-060590E	1	Comparison of production rates and species available.
096-060590E	2	Comparison of production rates and species available.
096-060590E	3	Comparison of production rates and species available.
096-060590F	1	Comparison of production rates and species available.
096-060590F	2	Comparison of production rates and species available.
096-060590F	3	Comparison of production rates and species available.
096-060690B	1	Comparison of production rate and species available.
096-060690B	2	Comparison of production rate and species available.
096-060690B	3	Comparison of production rate and species available.
096-060690C	1	Comparison of production rate and species available.
096-060690C	2	Comparison of production rate and species available.
096-060690C	3	Comparison of production rate and species available.
096-060790A	1	Comparison of production rate and species available.
096-060790A	2	Comparison of production rate and species available.
096-060790A	3	Comparison of production rate and species available.
096-060790B	1	Comparison of production rate and species available.
096-060790B	2	Comparison of production rate and species available.
096-060790B	3	Comparison of production rate and species available.
096-060790C	1	
096-060790C	2	
096-060790C	3	
096-060890A	1	
096-060890A	2	
096-060890A	3	
096-060890B	1	
096-060890B	2	
096-060890B	3	
096-060890C	1	
096-060890C	2	
096-060890C	3	
096-092790A	1	
096-092790A	2	
096-092790A	3	
096-092790B	1	
096-092790B	2	

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OSB - REPORTS TABLE, Page 9a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
096-092790B	1P096	3	16.2 MSF 3/8/hr		96	N	OUT	29029	90	1.66
097-061490A	XD097	1	18.8 ODTH		97	N	OUT	50065	225	22.02
097-061490A	XD097	2	18.8 ODTH		97	N	OUT	51690	223	19.8
097-061490A	XD097	3	18.8 ODTH		97	N	OUT	51766	226	20.94
097-061588A	2D097	1	8.21 ODTH		97	Y	OUT	25921	198	17.43
097-061588A	2D097	2	8.21 ODTH		97	Y	OUT	26132	197	16.9
097-061588A	2D097	3	8.21 ODTH		97	Y	OUT	25672	199	18.05
097-061688A	1D097	1	8.60 ODTH		97	Y	OUT	25412	208	20.46
097-061688A	1D097	2	8.60 ODTH		97	Y	OUT	24974	216	21.82
097-061688A	1D097	3	8.60 ODTH		97	Y	OUT	25669	216	20.48
097-061688B	1D097	1	8.60 ODTH		97	Y	OUT			
097-061688B	1D097	2	8.60 ODTH		97	Y	OUT			
097-061688B	1D097	3	8.60 ODTH		97	Y	OUT			
097-061688C	2D097	1	8.21 ODTH		97	Y	OUT			
097-061688C	2D097	2	8.21 ODTH		97	Y	OUT			
097-061688C	2D097	3	8.21 ODTH		97	Y	OUT			
097-080290B	XD097	1	19.5 ODTH		97	N	OUT	54075	227	21.61
097-080290B	XD097	2	19.5 ODTH		97	N	OUT	54269	225	21.48
097-080290B	XD097	3	19.5 ODTH		97	N	OUT	55453	226	20.34
097-091189A	2D097	1	9.58 ODTH		97	Y	OUT	30135	209	16.79
097-091189A	2D097	2	9.58 ODTH		97	Y	OUT	28561	212	18.91
097-091189A	2D097	3	9.58 ODTH		97	Y	OUT	27820	215	20.48
097-091289A	1D097	1	8.71 ODTH		97	Y	OUT	24271	218	24.05
097-091289A	1D097	2	8.71 ODTH		97	Y	OUT	24719	217	24.13
097-091289A	1D097	3	8.71 ODTH		97	Y	OUT	24379	216	25.99
097-100590A	XD097	1	19.5 ODTH		97	N	OUT	48446	229	24.63
097-100590A	XD097	2	19.5 ODTH		97	N	OUT	48790	231	23.27
097-100590A	XD097	3	19.5 ODTH		97	N	OUT	47794	230	25.47
097-100590B	XD097	1	19.5 ODTH		97	N	OUT			
097-100590B	XD097	2	19.5 ODTH		97	N	OUT			
097-100590B	XD097	3	19.5 ODTH		97	N	OUT			
097-122089A	XD097	1	20.15 ODTH		97	N	OUT	57012	206	23.9
097-122089A	XD097	2	20.15 ODTH		97	N	OUT	56024	205	25.7
097-122089A	XD097	3	20.15 ODTH		97	N	OUT	55185	206	26.83
097-122189A	XD097	1	19.2 ODTH		97	N	OUT	56631		25
097-122189A	XD097	2	19.2 ODTH		97	N	OUT	56710		25
097-122189A	XD097	3	19.2 ODTH		97	N	OUT	56698		25
127-062591A	1D127	1	5.4 ODTH		127	Y	OUT	16147	209	24.3
127-062591A	1D127	2	5.4 ODTH		127	Y	OUT	15756	209	24.83
127-062591A	1D127	3	5.4 ODTH		127	Y	OUT	16785	212	22.33
127-082090A	1P127	1	31.680 MSF 3/8/hr		127	Y	OUT	72732	110	2.2
127-082090A	1P127	2	31.680 MSF 3/8/hr		127	Y	OUT	74188	112	2.17
127-082090A	1P127	3	31.680 MSF 3/8/hr		127	Y	OUT	73375	110	2.06

OSB - REPORTS TABLE, Page 9b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
MDI								
PM								
PM								
PM								
PM								
PM								
PM								
PM								
PM								
PM								
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
PM								
PM								
PM								
PM								
PM								
PM								
PM								
PM								
PM								
PM	NOX	CO						
PM	NOX	CO						
PM	NOX	CO						
VOC								
VOC								
VOC								
PM	CO							
PM	CO							
PM	CO							
VOC								
VOC								
VOC								
PM&CPM								
PM&CPM								
PM&CPM								
VOC								
VOC								
VOC								

OSB - REPORTS TABLE, Page 9c

Test Code	Run	Comments
096-092790B	3	
097-061490A	1	
097-061490A	2	
097-061490A	3	
097-061588A	1	
097-061588A	2	
097-061588A	3	
097-061688A	1	
097-061688A	2	
097-061688A	3	
097-061688B	1	
097-061688B	2	
097-061688B	3	
097-061688C	1	
097-061688C	2	
097-061688C	3	
097-080290B	1	Surface and core dryers have a common stack. EFB parameters in report.
097-080290B	2	Surface and core dryers have a common stack. EFB parameters in report.
097-080290B	3	Surface and core dryers have a common stack. EFB parameters in report.
097-091189A	1	
097-091189A	2	
097-091189A	3	
097-091289A	1	
097-091289A	2	
097-091289A	3	
097-100590A	1	
097-100590A	2	
097-100590A	3	
097-100590B	1	
097-100590B	2	
097-100590B	3	
097-122089A	1	Surface & core dryers
097-122089A	2	Surface & core dryers
097-122089A	3	Surface & core dryers
097-122189A	1	Surface & core dryers
097-122189A	2	Surface & core dryers
097-122189A	3	Surface & core dryers
127-062591A	1	
127-062591A	2	
127-062591A	3	
127-082090A	1	3 vents into one common stack.
127-082090A	2	3 vents into one common stack.
127-082090A	3	3 vents into one common stack.

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OSB - REPORTS TABLE, Page 10a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
127-082190A	1D127	1	6.2 ODTH		127	Y	OUT	18112	198	20.37
127-082190A	1D127	2	6.2 ODTH		127	Y	OUT	18060	197	20.86
127-082190A	1D127	3	6.2 ODTH		127	Y	OUT	18602	199	19.88
127-091289A	2D127	1	5.13 ODTH		127	Y	OUT	18688	198	18.9
127-091289A	2D127	2	5.13 ODTH		127	Y	OUT	18732	198	18.9
127-091289A	2D127	3	5.13 ODTH		127	Y	OUT	18749	198	18.9
127-092289A	2D127	1	5.22 ODTH		127	Y	OUT	18625	186	17.82
127-092289A	2D127	2	5.11 ODTH		127	Y	OUT	18625	186	17.82
127-092289A	2D127	3	5.20 ODTH		127	Y	OUT	18625	186	17.82
127-092289C	1P127	1	31.26 MSF3/8/hr		127	Y	OUT	113526	95	3.54
127-092289C	1P127	2	31.26 MSF3/8/hr		127	Y	OUT	113526	95	3.54
127-092289C	1P127	3	31.26 MSF3/8/hr		127	Y	OUT	113526	95	3.54
127-102290A	1D127	1	4.87 ODTH		127	Y	OUT	17800	194	18.77
127-102290A	1D127	2	4.87 ODTH		127	Y	OUT	18200	188	18.46
127-102290A	1D127	3	4.87 ODTH		127	Y	OUT	17200	195	19.5
174-041191A	1D174	1	14.3 ODTH		174	Y	OUT	35119	211	
174-041191A	1D174	2	14.3 ODTH		174	Y	OUT	35119	211	
174-041191A	1D174	3	14.3 ODTH		174	Y	OUT	35119	211	
174-041191B	2D174	1	13.8 ODTH		174	Y	OUT	35472	211	
174-041191B	2D174	2	13.8 ODTH		174	Y	OUT	35472	211	
174-041191B	2D174	3	13.8 ODTH		174	Y	OUT	35472	211	
174-041191C	1P174	1	36.3 MSF 3/8/hr		174	Y	OUT	154403	122.4	
174-041191C	1P174	2	36.3 MSF 3/8/hr		174	Y	OUT	154403	122.4	
174-041191C	1P174	3	36.3 MSF 3/8/hr		174	Y	OUT	154403	122.4	
210-013090A	1D210	1	10.97 ODTH		210	Y	OUT	29900	212	27.82
210-013090A	1D210	2	10.97 ODTH		210	Y	OUT	29900	212	27.82
210-013090A	1D210	3	10.97 ODTH		210	Y	OUT	29900	212	27.82
210-021192A	1D210	1	13.78 ODTH		210	Y	OUT	31908	204	25.08
210-021192A	1D210	2	13.78 ODTH		210	Y	OUT	30685	209	28.58
210-021192A	1D210	3	13.78 ODTH		210	Y	OUT	31989	209	24.18
210-021192B	1D210	1	13.78 ODTH		210	Y	OUT	32916	207	24.03
210-021192B	1D210	2	13.78 ODTH		210	Y	OUT	33233	205	24.03
210-021192B	1D210	3	13.78 ODTH		210	Y	OUT	32655	204	26.21
210-021192C	1D210	1	13.78 ODTH		210	Y	OUT			25.31
210-021192C	1D210	2	13.78 ODTH		210	Y	OUT			26.38
210-021192C	1D210	3	13.78 ODTH		210	Y	OUT			23.88
210-021192D	1D210	1	13.78 ODTH		210	Y	OUT	30928	204	25.4
210-021192D	1D210	2	13.78 ODTH		210	Y	OUT	31649	209	26.7
210-021192D	1D210	3	13.78 ODTH		210	Y	OUT	32406	209	23.9
210-021292A	1P210	1	17.5 MSF 3/8/hr		210	N	OUT	79533	73	1.44
210-021292A	1P210	2	17.5 MSF 3/8/hr		210	N	OUT	80793	75	1.08
210-021292A	1P210	3	17.5 MSF 3/8/hr		210	N	OUT	81076	76	1.04
210-021292B	1P210	1	17.5 MSF 3/8/hr		210	N	OUT			1.44

OSB - REPORTS TABLE, Page 10b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM&CPM	VOC	CO	NOX					
PM&CPM	VOC	CO	NOX					
PM&CPM	VOC	CO	NOX					
CO	NOX							
CO	NOX							
CO	NOX							
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
CO	VOC							
CO	VOC							
CO	VOC							
FOR								
FOR								
FOR								
FOR								
FOR								
FOR								
FOR								
FOR								
FOR								
CO								
CO								
CO								
CPM	PM	CO	PM&CPM					
CPM	PM	CO	PM&CPM					
CPM	PM	CO	PM&CPM					
PM10	PM10&CPM	CPM						
PM10	PM10&CPM	CPM						
PM10	PM10&CPM	CPM						
VOC								
VOC								
VOC								
FOR								
FOR								
FOR								
PM10	PM10&CPM	CPM						
PM10	PM10&CPM	CPM						
PM10	PM10&CPM	CPM						
VOC								

OSB - REPORTS TABLE, Page 10c

Test Code	Run	Comments
127-082190A	1	
127-082190A	2	
127-082190A	3	
127-091289A	1	Stack gas temperature & moisture are averages.
127-091289A	2	Stack gas temperature & moisture are averages.
127-091289A	3	Stack gas temperature & moisture are averages.
127-092289A	1	For VOC test, only one flow rate given so assume same for the 3 runs; gas temperature is an average.
127-092289A	2	For VOC test, only one flow rate given so assume same for the 3 runs; gas temperature is an average.
127-092289A	3	For VOC test, only one flow rate given so assume same for the 3 runs; gas temperature is an average.
127-092289C	1	Flow, temperature and moisture are averages.
127-092289C	2	Flow, temperature and moisture are averages.
127-092289C	3	Flow, temperature and moisture are averages.
127-102290A	1	
127-102290A	2	
127-102290A	3	
174-041191A	1	Production rate & gas flow are averages of 3 runs.
174-041191A	2	Production rate & gas flow are averages of 3 runs.
174-041191A	3	Production rate & gas flow are averages of 3 runs.
174-041191B	1	Production rate & gas flow are averages of 3 runs.
174-041191B	2	Production rate & gas flow are averages of 3 runs.
174-041191B	3	Production rate & gas flow are averages of 3 runs.
174-041191C	1	Production rate & gas flow are averages of 3 runs.
174-041191C	2	Production rate & gas flow are averages of 3 runs.
174-041191C	3	Production rate & gas flow are averages of 3 runs.
210-013090A	1	
210-013090A	2	
210-013090A	3	
210-021192A	1	
210-021192A	2	
210-021192A	3	
210-021192B	1	
210-021192B	2	
210-021192B	3	
210-021192C	1	
210-021192C	2	
210-021192C	3	
210-021192D	1	
210-021192D	2	
210-021192D	3	
210-021292A	1	Press and Unloader data combined.
210-021292A	2	Press and Unloader data combined.
210-021292A	3	Press and Unloader data combined.
210-021292B	1	Press and Unloader data combined.

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OSB - REPORTS TABLE, Page 11a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
210-021292B	1P210	2	17.5 MSF 3/8/hr		210	N	OUT			1.08
210-021292B	1P210	3	17.5 MSF 3/8/hr		210	N	OUT			1.04
210-021292C	1P210	1	16.8 MSF 3/8/hr		210	N	OUT	68519	87	1.05
210-021292C	1P210	2	16.8 MSF 3/8 hr		210	N	OUT	62825	88	1.42
210-021292C	1P210	3	16.8 MSF 3/8 hr		210	N	OUT	68340	88	1.82
210-021292D	1P210	1	16.8 MSF 3/8 hr		210	N	OUT	68585	88	1.32
210-021292D	1P210	2	16.8 MSF 3/8 hr		210	N	OUT	70275	90	1.16
210-021292D	1P210	3	16.8 MSF 3/8 hr		210	N	OUT	66030	87	1.5
210-022389A	1P210	1	15.8 MSF 3/8/hr		210	Y	OUT	30228	87	0.4
210-022389A	1P210	2	15.8 MSF 3/8/hr		210	Y	OUT	30228	87	0.4
210-022389A	1P210	3	15.8 MSF 3/8/hr		210	Y	OUT	30228	87	0.4
210-022389B	1U210	1	15.8 MSF 3/8/hr		210	Y	OUT	29234	84	0.42
210-022389B	1U210	2	15.8 MSF 3/8/hr		210	Y	OUT	29234	84	0.42
210-022389B	1U210	3	15.8 MSF 3/8/hr		210	Y	OUT	29234	84	0.42
210-022489A	1D210	1	11.61 ODTH		210	Y	OUT	31993	206	22.64
210-022489A	1D210	2	11.61 ODTH		210	Y	OUT	31993	206	22.86
210-022489A	1D210	3	11.61 ODTH		210	Y	OUT	31993	206	21.45
210-042292A	1D210	1	13.87 ODTH		210	Y	OUT	29462	231	26
210-042292A	1D210	2	13.87 ODTH		210	Y	OUT	28808	231	27.53
210-042292A	1D210	3	13.87 ODTH		210	Y	OUT	28694	231	27.87
210-042292B	1D210	1	13.87 ODTH		210	Y	OUT	30927	231	25.01
210-042292B	1D210	2	13.87 ODTH		210	Y	OUT	30531	232	26.06
210-042292B	1D210	3	13.87 ODTH		210	Y	OUT	30925	231	25.82
210-042292C	1D210	1	13.87 ODTH		210	Y	OUT			25.98
210-042292C	1D210	2	13.87 ODTH		210	Y	OUT			19.84
210-042292C	1D210	3	13.87 ODTH		210	Y	OUT			25.04
210-042292D	1D210	1	13.87 ODTH		210	Y	OUT	29371	231	26
210-042292D	1D210	2	13.87 ODTH		210	Y	OUT	30494	232	19.9
210-042292D	1D210	3	13.87 ODTH		210	Y	OUT	29133	232	25
210-042292E	1D210	1	11.99 ODTH		210	Y	OUT	29462		26
210-042292E	1D210	2	11.99 ODTH		210	Y	OUT	28808		27.5
210-042292E	1D210	3	11.99 ODTH		210	Y	OUT	28694		27.87
211-012892A	3D211	1	11.9 ODTH		211	Y	OUT	33200	208	19.9
211-012892A	3D211	2	11.9 ODTH		211	Y	OUT	33100	210	20.5
211-012892A	3D211	3	11.9 ODTH		211	Y	OUT	33400	210	20.8
211-012892B	3D211	1	11.9 ODTH		211	Y	OUT	34300	216	19.9
211-012892B	3D211	2	11.9 ODTH		211	Y	OUT	34400	216	21.6
211-012892B	3D211	3	11.9 ODTH		211	Y	OUT	35500	216	19.7
211-012892C	3D211	1	11.9 ODTH		211	Y	OUT	33300	212	21.1
211-012892C	3D211	2	11.9 ODTH		211	Y	OUT	32200	213	23.6
211-012892C	3D211	3	11.9 ODTH		211	Y	OUT	32500	212	22.4
211-012992A	1D211	1	11.9 ODTH		211	Y	OUT	33700	245	22
211-012992A	1D211	2	11.9 ODTH		211	Y	OUT	33900	244	20.8

OSB - REPORTS TABLE, Page 11b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
VOC								
VOC								
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
FOR	CO							
FOR	CO							
FOR	CO							
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
NOX	CO	VOC						
NOX	CO	VOC						
NOX	CO	VOC						
PM	PM&CPM	CPM	CO					
PM	PM&CPM	CPM	CO					
PM	PM&CPM	CPM	CO					
PM10	PM10&CPM	CPM						
PM10	PM10&CPM	CPM						
PM10	PM10&CPM	CPM						
VOC								
VOC								
VOC								
FOR								
FOR								
FOR								
CO								
CO								
CO								
PM&CPM	CO	VOC						
PM&CPM	CO	VOC						
PM&CPM	CO	VOC						
PM10&CPM								
PM10&CPM								
PM10&CPM								
FOR								
FOR								
FOR								
PM10&CPM								
PM10&CPM								

OSB - REPORTS TABLE, Page 11c

Test Code	Run	Comments
210-021292B	2	Press and Unloader data combined.
210-021292B	3	Press and Unloader data combined.
210-021292C	1	Press and Unloader data combined.
210-021292C	2	Press and Unloader data combined.
210-021292C	3	Press and Unloader data combined.
210-021292D	1	Press and Unloader data combined.
210-021292D	2	Press and Unloader data combined.
210-021292D	3	Press and Unloader data combined.
210-022389A	1	Emissions from press and unloader are separated, not summed as press.
210-022389A	2	Emissions from press and unloader are separated, not summed as press.
210-022389A	3	Emissions from press and unloader are separated, not summed as press.
210-022389B	1	Emissions from press and unloader are separated, not summed as press.
210-022389B	2	Emissions from press and unloader are separated, not summed as press.
210-022389B	3	Emissions from press and unloader are separated, not summed as press.
210-022489A	1	
210-022489A	2	
210-022489A	3	
210-042292A	1	Fuel analysis available in report.
210-042292A	2	Fuel analysis available in report.
210-042292A	3	Fuel analysis available in report.
210-042292B	1	Fuel analysis available in report.
210-042292B	2	Fuel analysis available in report.
210-042292B	3	Fuel analysis available in report.
210-042292C	1	Fuel analysis available in report.
210-042292C	2	Fuel analysis available in report.
210-042292C	3	Fuel analysis available in report.
210-042292D	1	Fuel analysis available in report.
210-042292D	2	Fuel analysis available in report.
210-042292D	3	Fuel analysis available in report.
210-042292E	1	Fuel analysis available in report.
210-042292E	2	Fuel analysis available in report.
210-042292E	3	Fuel analysis available in report.
211-012892A	1	Surface/Core Dryer. Data for EFB in report.
211-012892A	2	Surface/Core Dryer. Data for EFB in report.
211-012892A	3	Surface/Core Dryer. Data for EFB in report.
211-012892B	1	Surface/Core Dryer. Data for EFB in report.
211-012892B	2	Surface/Core Dryer. Data for EFB in report.
211-012892B	3	Surface/Core Dryer. Data for EFB in report.
211-012892C	1	Surface/Core Dryer. Data for EFB in report.
211-012892C	2	Surface/Core Dryer. Data for EFB in report.
211-012892C	3	Surface/Core Dryer. Data for EFB in report.
211-012992A	1	Core Dryer. Data for EFB in report.
211-012992A	2	Core Dryer. Data for EFB in report.

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OSB - REPORTS TABLE, Page 12a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
211-012992A	1D211	3	11.9 ODTH		211	Y	OUT	36100	243	17.2
211-012992B	1D211	1	11.3 ODTH		211	Y	OUT	34600	251	15.6
211-012992B	1D211	2	11.3 ODTH		211	Y	OUT	32900	247	20.9
211-012992B	1D211	3	11.3 ODTH		211	Y	OUT	32700	249	20
211-012992C	1D211	1	11.3 ODTH		211	Y	OUT	33500	247	20.8
211-012992C	1D211	2	11.3 ODTH		211	Y	OUT	33400	248	21.1
211-012992C	1D211	3	11.3 ODTH		211	Y	OUT	33800	248	19.7
211-013092A	2D211	1	11.9 ODTH		211	Y	OUT	34300	235	20.7
211-013092A	2D211	2	11.9 ODTH		211	Y	OUT	35700	239	20.1
211-013092A	2D211	3	11.9 ODTH		211	Y	OUT	35300	243	19.5
211-013092B	2D211	1	11.9 ODTH		211	Y	OUT	34600	249	20.5
211-013092B	2D211	2	11.9 ODTH		211	Y	OUT	34800	250	20.8
211-013092B	2D211	3	11.9 ODTH		211	Y	OUT	34600	250	22.9
211-013092C	2D211	1	11.9 ODTH		211	Y	OUT	33500	248	23.2
211-013092C	2D211	2	11.9 ODTH		211	Y	OUT	34700	248	20.6
211-013092C	2D211	3	11.9 ODTH		211	Y	OUT	34000	248	21
211-022592A	1P211	1	45.43 MSF 3/8/hr		211	N	OUT	123256	81	2.1
211-022592A	1P211	2	45.43 MSF 3/8/hr		211	N	OUT	124668	85	2.16
211-022592A	1P211	3	45.43 MSF 3/8/hr		211	N	OUT	123717	85	1.76
211-022592B	1P211	1	45.43 MSF 3/8/hr		211	N	OUT	127203	81	2.13
211-022592B	1P211	2	45.43 MSF 3/8/hr		211	N	OUT	126070	83	1.39
211-022592B	1P211	3	45.43 MSF 3/8/hr		211	N	OUT	125341	81	1.82
211-022692A	1P211	1	45.43 MSF 3/8/hr		211	N	OUT	127158	75	1.17
211-022692A	1P211	2	45.43 MSF 3/8/hr		211	N	OUT	127618	72	1.29
211-022692A	1P211	3	45.43 MSF 3/8/hr		211	N	OUT	129548	69	1.54
211-022692B	1P211	1	45.43 MSF 3/8/hr		211	N	OUT	123260	83	1.17
211-022692B	1P211	2	45.43 MSF 3/8/hr		211	N	OUT	124670	83	1.17
211-022692B	1P211	3	45.43 MSF 3/8/hr		211	N	OUT	123720	83	1.17
211-041191A	1D211	1	9.12 ODTH		211	Y	OUT	31600	243	22.4
211-041191A	1D211	2	9.12 ODTH		211	Y	OUT	32800	242	20.6
211-041191A	1D211	3	9.12 ODTH		211	Y	OUT	32800	243	20.4
212-100991A	1P212	1	17.69 MSF 3/8/hr		212	N	OUT	30393	74	1.67
212-100991A	1P212	2	17.69 MSF 3/8/hr		212	N	OUT	30393	74	1.67
212-100991A	1P212	3	17.69 MSF 3/8/hr		212	N	OUT	30393	74	1.67
212-100991B	1U212	1	17.69 MSF 3/8/hr		212	N	OUT	30393	74	1.67
212-100991B	1U212	2	17.69 MSF 3/8/hr		212	N	OUT	30393	74	1.67
212-100991B	1U212	3	17.69 MSF 3/8/hr		212	N	OUT	30393	74	1.67
212-101191A	1D212	1	12.06 ODTH		212	N	OUT	27759	205	21.64
212-101191A	1D212	2	12.06 ODTH		212	N	OUT	30572	205	15.78
212-101191A	1D212	3	12.06 ODTH		212	N	OUT	27921	205	22.89
212-101191B	1D212	1	11.6 ODTH		212	N	OUT	27759	205	21.64
212-101191B	1D212	2	11.6 ODTH		212	N	OUT	30572	205	15.78
212-101191B	1D212	3	10.7 ODTH		212	N	OUT	27921	205	22.89

OSB - REPORTS TABLE, Page 12b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM10&CPM								
PM&CPM	CO	VOC						
PM&CPM	CO	VOC						
PM&CPM	CO	VOC						
FOR								
FOR								
FOR								
PM&CPM	CO	VOC						
PM&CPM	CO	VOC						
PM&CPM	CO	VOC						
PM10&CPM								
PM10&CPM								
PM10&CPM								
FOR								
FOR								
FOR								
PM	CO	PM&CPM	CPM					
PM	CO	PM&CPM	CPM					
PM	CO	PM&CPM	CPM					
FOR								
FOR								
FOR								
PM10	CPM	PM10&CPM						
PM10	CPM	PM10&CPM						
PM10	CPM	PM10&CPM						
VOC								
VOC								
VOC								
PM	VOC	FOR						
PM	VOC	FOR						
PM	VOC	FOR						
VOC								
VOC								
VOC								
VOC								
VOC								
VOC								
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
VOC								
VOC								
VOC								

OSB - REPORTS TABLE, Page 12c

Test Code	Run	Comments
211-012992A	3	Core Dryer. Data for EFB in report.
211-012992B	1	Core Dryer. Data for EFB in report.
211-012992B	2	Core Dryer. Data for EFB in report.
211-012992B	3	Core Dryer. Data for EFB in report.
211-012992C	1	Core Dryer. Data for EFB in report.
211-012992C	2	Core Dryer. Data for EFB in report.
211-012992C	3	Core Dryer. Data for EFB in report.
211-013092A	1	Surface Dryer. Data for EFB in report.
211-013092A	2	Surface Dryer. Data for EFB in report.
211-013092A	3	Surface Dryer. Data for EFB in report.
211-013092B	1	Surface Dryer. Data for EFB in report.
211-013092B	2	Surface Dryer. Data for EFB in report.
211-013092B	3	Surface Dryer. Data for EFB in report.
211-013092C	1	Surface Dryer. Data for EFB in report.
211-013092C	2	Surface Dryer. Data for EFB in report.
211-013092C	3	Surface Dryer. Data for EFB in report.
211-022592A	1	
211-022592A	2	
211-022592A	3	
211-022592B	1	
211-022592B	2	
211-022592B	3	
211-022692A	1	
211-022692A	2	
211-022692A	3	
211-022692B	1	
211-022692B	2	
211-022692B	3	
211-041191A	1	CH2O, PM, and VOC testing was concurrent.
211-041191A	2	CH2O, PM, and VOC testing was concurrent.
211-041191A	3	CH2O, PM, and VOC testing was concurrent.
212-100991A	1	
212-100991A	2	
212-100991A	3	
212-100991B	1	
212-100991B	2	
212-100991B	3	
212-101191A	1	Data for EFB available in report.
212-101191A	2	Data for EFB available in report.
212-101191A	3	Data for EFB available in report.
212-101191B	1	Stack Gas Flow, Temp, and Moisture copied from 212-101191A. Data for EFB available in report.
212-101191B	2	Stack Gas Flow, Temp, and Moisture copied from 212-101191A. Data for EFB available in report.
212-101191B	3	Stack Gas Flow, Temp, and Moisture copied from 212-101191A. Data for EFB available in report.

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OSB - REPORTS TABLE, Page 13a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
215-042089A	XD215	1	33.7 ODTH		215	N	IN	114227		
215-042089A	XD215	2	38.0 ODTH		215	N	IN	123895		
215-042089A	XD215	3	38.1 ODTH		215	N	IN	117645		
215-042089B	XD215	1	33.7 ODTH		215	N	OUT	114528		
215-042089B	XD215	2	38.0 ODTH		215	N	OUT	121743		
215-042089B	XD215	3	38.1 ODTH		215	N	OUT	113318		
215-062591A	XD215	1	35.4 ODTH		215	N	IN	119126	198	22
215-062591A	XD215	2	38.8 ODTH		215	N	IN	114041	188	22.5
215-062591A	XD215	3	38.7 ODTH		215	N	IN	112005	200	22
215-062591B	XD215	1	35.4 ODTH		215	N	OUT	117605	143	21.8
215-062591B	XD215	2	38.8 ODTH		215	N	OUT	112518	144	22
215-062591B	XD215	3	38.7 ODTH		215	N	OUT	115868	146	22.6
215-062591C	YD215	1	8.1 ODTH		215	Y	IN	27000	196	
215-062591C	YD215	2	10.1 ODTH		215	Y	IN	26997		
215-062591D	YD215	1	4.2 ODTH		215	Y	IN	27000	183	
215-062591D	YD215	2	5.8 ODTH		215	Y	IN	26997		
225-020692A	2P225	1	14.4 MSF 3/8/hr		225	N	OUT	133348	73	0.81
225-020692A	2P225	2	14.4 MSF 3/8/hr		225	N	OUT	113472	76	1.24
225-020692A	2P225	3	14.4 MSF 3/8/hr		225	N	OUT	127730	77	0.7
225-020692B	2P225	1	14.4 MSF 3/8/hr		225	N	OUT	114298	78	0.91
225-020692B	2P225	2	14.4 MSF 3/8/hr		225	N	OUT	115958	79	1.04
225-020692B	2P225	3	14.4 MSF 3/8/hr		225	N	OUT	114339	78	0.77
225-020692C	2P225	1	14.4 MSF 3/8/hr		225	N	OUT			
225-020692C	2P225	2	14.4 MSF 3/8/hr		225	N	OUT			
225-020692C	2P225	3	14.4 MSF 3/8/hr		225	N	OUT			
225-020692D	2P225	1	14.4 MSF 3/8/hr		225	N	OUT	124566	75	1.01
225-020692D	2P225	2	14.4 MSF 3/8/hr		225	N	OUT	135124	79	0.93
225-020692D	2P225	3	14.4 MSF 3/8/hr		225	N	OUT	135718	75	0.79
225-020792A	1D225	1	10.54 ODTH		225	Y	OUT	37304	211	18.6
225-020792A	1D225	2	10.54 ODTH		225	Y	OUT	35983	211	23.51
225-020792A	1D225	3	10.54 ODTH		225	Y	OUT	36294	210	23.24
225-020792B	1D225	1	10.54 ODTH		225	Y	OUT	37453	211	21.94
225-020792B	1D225	2	10.54 ODTH		225	Y	OUT	36564	211	23.66
225-020792B	1D225	3	10.54 ODTH		225	Y	OUT	35515	211	24.67
225-020792C	1D225	1	10.54 ODTH		225	Y	OUT	37386	207	21.62
225-020792C	1D225	2	10.54 ODTH		225	Y	OUT	36915	203	21.65
225-020792C	1D225	3	10.54 ODTH		225	Y	OUT	36364	199	24.01
225-020792D	1D225	1	10.54 ODTH		225	Y	OUT			
225-020792D	1D225	2	10.54 ODTH		225	Y	OUT			
225-020792D	1D225	3	10.54 ODTH		225	Y	OUT			
225-041990A	1D225	1	10.6 ODTH		225	Y	OUT	34688	185	24.73
225-041990A	1D225	2	10.6 ODTH		225	Y	OUT	34688	185	24.73
225-041990A	1D225	3	10.6 ODTH		225	Y	OUT	34688	185	24.73

OSB - REPORTS TABLE, Page 13b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM	FOR	VOC						
PM	FOR	VOC						
PM	FOR	VOC						
PM	FOR	VOC						
PM	FOR	VOC						
PM	FOR	VOC						
VOC	VOC	PM	CPM	PM&CPM				
VOC	VOC	PM	CPM	PM&CPM				
VOC	VOC	PM	CPM	PM&CPM				
VOC	VOC	PM	CPM	PM&CPM				
VOC	VOC	PM	CPM	PM&CPM				
VOC	VOC	PM	CPM	PM&CPM				
VOC	PM	CPM	PM&CPM					
VOC	PM	CPM	PM&CPM					
VOC	PM	CPM	PM&CPM					
VOC	PM	CPM	PM&CPM					
CPM	PM&CPM	PM	CO					
CPM	PM&CPM	PM	CO					
CPM	PM&CPM	PM	CO					
PM10&CPM								
PM10&CPM								
PM10&CPM								
VOC								
VOC								
VOC								
FOR								
FOR								
FOR								
PM	PM&CPM	CPM	CO					
PM	PM&CPM	CPM	CO					
PM	PM&CPM	CPM	CO					
PM10&CPM	CPM	PM10						
PM10&CPM	CPM	PM10						
PM10&CPM	CPM	PM10						
FOR								
FOR								
FOR								
VOC								
VOC								
VOC								
CO								
CC								
CO								

OSB - REPORTS TABLE, Page 13c

Test Code	Run	Comments
215-042089A	1	
215-042089A	2	
215-042089A	3	
215-042089B	1	
215-042089B	2	
215-042089B	3	
215-062591A	1	4 Dryers to single WESP & stack; Inlet.
215-062591A	2	4 Dryers to single WESP & stack; Inlet.
215-062591A	3	4 Dryers to single WESP & stack; Inlet.
215-062591B	1	
215-062591B	2	
215-062591B	3	
215-062591C	1	2 Identical dryers; Inlet teperature comparison available.
215-062591C	2	2 Identical dryers; Inlet teperature comparison available.
215-062591D	1	2 Identical dryers; Inlet teperature comparison available.
215-062591D	2	2 Identical dryers; Inlet teperature comparison available.
225-020692A	1	Fuel analysis available in report.
225-020692A	2	Fuel analysis available in report.
225-020692A	3	Fuel analysis available in report.
225-020692B	1	Fuel analysis available in report.
225-020692B	2	Fuel analysis available in report.
225-020692B	3	Fuel analysis available in report.
225-020692C	1	Fuel analysis available in report. (Flow data unavailable)
225-020692C	2	Fuel analysis available in report. (Flow data unavailable)
225-020692C	3	Fuel analysis available in report. (Flow data unavailable)
225-020692D	1	Fuel analysis available in report.
225-020692D	2	Fuel analysis available in report.
225-020692D	3	Fuel analysis available in report.
225-020792A	1	Fuel analysis available in report.
225-020792A	2	Fuel analysis available in report.
225-020792A	3	Fuel analysis available in report.
225-020792B	1	Fuel analysis available in report.
225-020792B	2	Fuel analysis available in report.
225-020792B	3	Fuel analysis available in report.
225-020792C	1	Fuel analysis available in report.
225-020792C	2	Fuel analysis available in report.
225-020792C	3	Fuel analysis available in report.
225-020792D	1	Fuel analysis available in report. (Flow data unavailable)
225-020792D	2	Fuel analysis available in report. (Flow data unavailable)
225-020792D	3	Fuel analysis available in report. (Flow data unavailable)
225-041990A	1	
225-041990A	2	
225-041990A	3	

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OSB - REPORTS TABLE, Page 14a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
225-041990B	1P225	1	15.3 MSF 3/8/hr		225	N	OUT	70932	84	1.03
225-041990B	1P225	2	15.3 MSF 3/8/hr		225	N	OUT	70932	84	1.03
225-041990B	1P225	3	15.3 MSF 3/8/hr		225	N	OUT	70932	84	1.03
225-041990C	1U225	1	14.8 MSF 3/8/hr		225	N	OUT	69535	84	0.5
225-041990C	1U225	2	14.8 MSF 3/8/hr		225	N	OUT	69535	84	0.5
225-041990C	1U225	3	14.8 MSF 3/8/hr		225	N	OUT	69535	84	0.5

OSB - REPORTS TABLE, Page 14b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
FOR								
FOR								
FOR								
FOR								
FOR								
FOR								

OSB - REPORTS TABLE, Page 14c

Test Code	Run	Comments
225-041990B	1	
225-041990B	2	
225-041990B	3	
225-041990C	1	
225-041990C	2	
225-041990C	3	

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OSB - DRYER A TABLE, Page 1a of 1(a-b)

Unit Code	Equiptment Manufacturer	Dryer Type	Firing Type	Product	Dryer Capacity (Units)	Burner Manufacturer	Burner Capacity (MMBtu/hr)	Type Fuel 1	Type Fuel 2
1D069	MEC	RTP	DFIRE	OSB	17 TFPH	McConnell	30	FINES	
1D070	MEC	RTP	DFIRE	OSB	11 ODTH				
1D088	MEC	RTP	DFIRE	OSB	29,105 lb/hr	McConnell	44.5	WREF	
1D096	MEC	RTP	DFIRE	OSB	29,105 lb/hr	McConnell	40	DFINE	
1D097	MEC	RTP	DFIRE	OSB	22,557 lb/hr	McConnell	36	DFINE	
1D127	Heil	RTP	DFIRE	OSB	5 ODTH	Coen	40	WDUST	
1D174	Garanty Performance	RTP	DFIRE	OSB	40 MMBtu/hr	McConnell		SDUST	
1D210	MEC	RTP	DFIRE	OSB	29,105 lbs/hr	McConnell	40	DFINE	
1D211	Baker Rullman	RTP	DFIRE	OSB	19,927 lb/hr	Coen	43	WREF	
1D212	MEC	RTP	DFIRE	OSB	31000 lb/hr	McConnell	40	DFINE	
1D225	MEC	RTP	DFIRE	OSB	20,890 lbs/hr	McConnell	43	DFINE	
2D069	MEC	RTP	DFIRE	OSB	17 TFPH	McConnell	30	FINES	
2D070	MEC	RTP	DFIRE	OSB	11 ODTH				
2D096	MEC	RTP	DFIRE	OSB	29,105 lb/hr	McConnell	40	DFINE	
2D097	MEC	RTP	DFIRE	OSB	22,557 lb/hr	McConnell	36	DFINE	
2D127	Heil	RTP	DFIRE	OSB	5 ODTH	Coen	40	WDUST	
2D174	Garanty Performance	RTP	DFIRE	OSB	40 MMBtu/hr	McConnell		FINES	OIL
2D211	Baker Rullman	RTP	DFIRE	OSB		Coen	43	DFINE	
3D070	MEC	RTP	DFIRE	OSB	11 ODTH				
3D211	Baker Rullman	RTP	DFIRE	OSB		Coen	11	DFINE	
XD041		RTP	DFIRE	OSB	14 TPH (green)	McConnell	30	WREF	
XD044	Baker Rullman	RTP	DFIRE	OSB		Roemmc	40	SDUST	WREF
XD052	MEC	RTP	IHEAT	OSB	193816 lb/hr WET	EPI+McConnell	175	WREF	
XD083	MEC	RTP	DFIRE	OSB	45000 lb/hr	McConnell	142	DFINE	
XD097	MEC	RTP	DFIRE	OSB	55000 lb/hr	McConnell	80	DFINE	
XD215	MEC	RTP	DFIRE	OSB	55 ODTH	Wellons	200	WREF	
YD083	MEC	RTP	DFIRE	OSB	45000 lb/hr	McConnell	142	DFINE	
YD215	MEC	RTP	DFIRE	OSB	55 ODTH	Wellons	200	WREF	

97 TPH (wet)

OSB - DRYER A TABLE, Page 1b

Unit Code	Recy-cled ?	Initial PCD	Interm. PCD	Final PCD	Q/C ?	Comments
1D069	N	CYC	CYC	WESP	Y	Primary and secondary cyclones; quench chamber operates prior to WESP.
1D070	N	CYC	MCLO	WESP	Y	
1D088	N	CYC	MCLO	EFB	N	
1D096	N	MCLO		EFB	N	
1D097	N	CYC		MCLO	N	Subsequently coded as XD097 when combined with 2D097 to a common EFB.
1D127	N	MCLO		EFB	N	
1D174	N	CYC	CYC	EFB	N	
1D210	N	CYC	MCLO	EFB	N	
1D211	N	MCLO		EFB	N	
1D212	N	MCLO		EFB	N	
1D225	N	MCLO		EFB	N	
2D069	N	CYC	CYC	WESP	Y	Primary and secondary cyclones; quench chamber operates prior to WESP.
2D070	N	CYC	MCLO	WESP	Y	
2D096	N	CYC	MCLO	WESP	N	Same dryer as 1D096 but with a WESP.
2D097	N	CYC		MCLO	N	Subsequently coded as XD097 when combined with 1D097 to a common EFB.
2D127	N	MCLO		EFB	N	Same as 1D127 but different location.
2D174	N	CYC	CYC	EFB	N	Comparison between fuels for this dryer in database.
2D211	N	MCLO		EFB	N	
3D070	N	CYC	MCLO	WESP	Y	
3D211	N	MCLO		EFB	N	
XD041	N			WESP	Y	Three dryers given one description.
XD044	N	CYC		WESP	Y	2 Dryers.
XD052	N			WESP	Y	4 Dryers with common stack; boiler flue gas provides heat.
XD083	N	MCLO		EFB	N	2 Dryers with 1 stack.
XD097	N	MCLO		EFB	N	Originally 1D097 and 2D097, combined to vent to a single control device.
XD215	N	CYC		WESP	Y	4 Dryers, 4 Cyclones, 1 Pre Quench, 1 WESP, 1 stack.
YD083	N	MCLO		EFB	N	2 Dryers with 1 stack.
YD215	N	CYC		WESP	Y	2 Dryers with common stack.

OSB - DRYER B TABLE, Page 1a of 9(a-d)

Test Code	Unit Code	Run	Production Rate (ODTH)	Production Rate Other (Units)	Core, Surface, or Both	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3
041-052192A	XD041	1	17.17			SY PINE	60	HWOOD	40	
041-052192A	XD041	2	21.23			SY PINE	60	HWOOD	40	
041-052192A	XD041	3	17.3			SY PINE	60	HWOOD	40	
041-052192B	XD041	1	17.17			SY PINE	60	HWOOD	40	
041-052192B	XD041	2	21.23			SY PINE	60	HWOOD	40	
041-052192B	XD041	3	17.3			SY PINE	60	HWOOD	40	
041-063092A	XD041	1	16.82			SY PINE	70	HWOOD	30	
041-063092A	XD041	2	16.7			SY PINE	70	HWOOD	30	
041-063092A	XD041	3	16.32			SY PINE	70	HWOOD	30	
041-063092B	XD041	1	16.82			SY PINE	70	HWOOD	30	
041-063092B	XD041	2	16.7			SY PINE	70	HWOOD	30	
041-063092B	XD041	3	16.32			SY PINE	70	HWOOD	30	
041-121792A	XD041	1	16.56			SY PINE	70	HWOOD	30	
041-121792A	XD041	2	16.53			SY PINE	70	HWOOD	30	
041-121792A	XD041	3	16.74			SY PINE	70	HWOOD	30	
041-121792B	XD041	1	16.56			SY PINE	70	HWOOD	30	
041-121792B	XD041	2	16.53			SY PINE	70	HWOOD	30	
041-121792B	XD041	3	16.74			SY PINE	70	HWOOD	30	
044-092193A	XD044	1			B	SPRUCE	50	UFIR	50	
044-092193A	XD044	2			B	SPRUCE	50	UFIR	50	
044-092193A	XD044	3			B	SPRUCE	50	UFIR	50	
044-092193B	XD044	1			B	SPRUCE	50	UFIR	50	
044-092193B	XD044	2			B	SPRUCE	50	UFIR	50	
044-092193B	XD044	3			B	SPRUCE	50	UFIR	50	
044-102588A	XD044	1	19.6		B	SPRUCE	50	UFIR	50	
044-102588A	XD044	2	20.5		B	SPRUCE	50	UFIR	50	
044-102588A	XD044	3	20.8		B	SPRUCE	50	UFIR	50	
044-102588B	XD044	1	19.6		B	SPRUCE	50	UFIR	50	
044-102588B	XD044	2	20.5		B	SPRUCE	50	UFIR	50	
044-102588B	XD044	3	20.8		B	SPRUCE	50	UFIR	50	
044-102588C	XD044	1			B	POPLAR	39	SWOOD	61	
044-102588D	XD044	1			B	POPLAR	39	SWOOD	61	
052-011493A	XD052	1	33.7			HWOOD	50	SY PINE	50	
052-011493A	XD052	2	37.4			HWOOD	50	SY PINE	50	
052-011493A	XD052	3	38.5			HWOOD	50	SY PINE	50	
052-011493B	XD052	1	33.7			HWOOD	50	SY PINE	50	
052-011493B	XD052	2	37.4			HWOOD	50	SY PINE	50	
052-011493B	XD052	3	38.5			HWOOD	50	SY PINE	50	
069-071592A	1D069	1			S	POPLAR	100			
069-071592A	1D069	2			S	POPLAR	100			
069-071592A	1D069	3			S	POPLAR	100			
069-071592B	1D069	1			C	POPLAR	100			
069-071592B	1D069	2			C	POPLAR	100			

OSB - DRYER B TABLE, Page 1b

% Species 3	Hot Air Source 1	% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	11,250 lb/hr
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	DFIRE	100					WREF	
	DFIRE	100					WREF	
	DFIRE	100					WREF	
	DFIRE	100					WREF	
	DFIRE	100					WREF	
	DFIRE	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	

OSB - DRYER B TABLE, Page 1c

Test Code	Run	% Fuel 1	Type Fuel 2	Amount Fuel 2	% Fuel 2	Inlet Moisture (%OD)	Outlet Moisture (%OD)	Inlet Temp (F)	Outlet Temp (F)
041-052192A	1	100				94.1	7.7	850	279
041-052192A	2	100				93.5	7	890	280
041-052192A	3	100				95.8	10.6	818	268
041-052192B	1	100				94.1	7.7	850	279
041-052192B	2	100				93.5	7	890	280
041-052192B	3	100				95.8	10.6	818	268
041-063092A	1	100				96	7.1	837	262
041-063092A	2	100				89	8.6	868	272
041-063092A	3	100				88	8.6	804	265
041-063092B	1	100				96	7.1	837	262
041-063092B	2	100				89	8.6	868	272
041-063092B	3	100				88	8.6	804	265
041-121792A	1	100				101	11.1	919	231
041-121792A	2	100				107	10.7	897	227
041-121792A	3	100				98	10.2	907	229
041-121792B	1	100				101	11.1	919	231
041-121792B	2	100				107	10.7	897	227
041-121792B	3	100				98	10.2	907	229
044-092193A	1	100						1600	241
044-092193A	2	100						1572	238
044-092193A	3	100						1566	233
044-092193B	1	100						1600	241
044-092193B	2	100						1572	238
044-092193B	3	100						1566	233
044-102588A	1	100				107	6.3	1166	227
044-102588A	2	100				97	6.8	1213	227
044-102588A	3	100				93	6	1174	227
044-102588B	1	100				107	6.3	1166	227
044-102588B	2	100				97	6.8	1213	227
044-102588B	3	100				93	6	1174	227
044-102588C	1	100							
044-102588D	1	100							
052-011493A	1	100				100	4	907	290
052-011493A	2	100				100	3.5	932	282
052-011493A	3	100				100	3	897	289
052-011493B	1	100				100		907	290
052-011493B	2	100				100		932	282
052-011493B	3	100				100		897	289
069-071592A	1	100				100	4.1	1222	321
069-071592A	2	100				100	4	1253	324
069-071592A	3	100				100	3.5	1245	332
069-071592B	1	100				100	4.1	1222	321
069-071592B	2	100				100	4	1253	324

OSB - DRYER B TABLE, Page 1d

Comments
Inlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Inlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Inlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Outlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Outlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Outlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Inlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Inlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Inlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Outlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Outlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Outlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
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Outlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Outlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Inlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Inlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Inlet. Temperatures & Moistures are averages of 3 dryers, Production is sum.
Furnish production provided in green or wet units only; furnish moisture not provided; see 044-102588A and B.
Furnish production provided in green or wet units only; furnish moisture not provided; see 044-102588A and B.
Furnish production provided in green or wet units only; furnish moisture not provided; see 044-102588A and B.
Furnish production provided in green or wet units only; furnish moisture not provided; see 044-102588A and B.
Furnish production provided in green or wet units only; furnish moisture not provided; see 044-102588A and B.
Furnish production provided in green or wet units only; furnish moisture not provided; see 044-102588A and B.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.

OSB - DRYER B TABLE, Page 2a

Test Code	Unit Code	Run	Production Rate (ODTH)	Production Rate Other (Units)	Core, Surface, or Both	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3
069-071592B	1D069	3			C	POPLAR	100			
069-071592C	1D069	1			C	POPLAR	100			
069-071592C	1D069	2			C	POPLAR	100			
069-071692A	2D069	1			S	POPLAR	100			
069-071692A	2D069	2			S	POPLAR	100			
069-071692B	2D069	1			C	POPLAR	100			
069-071692B	2D069	2			S	POPLAR	100			
069-071692C	2D069	1			S	POPLAR	100			
069-081491A	1D069	1			C	POPLAR	100			
069-081491A	1D069	2			C	POPLAR	100			
069-081491A	1D069	3			C	POPLAR	100			
069-081491B	1D069	1			C	POPLAR	100			
069-081491B	1D069	2			C	POPLAR	100			
069-081491B	1D069	3			C	POPLAR	100			
069-081591A	2D069	1			S	POPLAR	100			
069-081591A	2D069	2			S	POPLAR	100			
069-081591A	2D069	3			S	POPLAR	100			
069-081591B	2D069	1			S	POPLAR	100			
069-081591B	2D069	2			S	POPLAR	100			
069-081591B	2D069	3			S	POPLAR	100			
069-081992A	1D069	1			C	POPLAR	100			
069-081992A	1D069	2			C	POPLAR	100			
069-081992A	1D069	3			C	POPLAR	100			
069-081992B	1D069	1			C	POPLAR	100			
069-081992B	1D069	2			C	POPLAR	100			
069-081992B	1D069	3			C	POPLAR	100			
069-082092A	2D069	1			S	POPLAR	100			
069-082092A	2D069	2			S	POPLAR	100			
069-082092A	2D069	3			S	POPLAR	100			
069-082092B	2D069	1			S	POPLAR	100			
069-082092B	2D069	2			S	POPLAR	100			

OSB - DRYER B TABLE, Page 2b

% Species 3	Hot Air Source 1	% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	

OSB - DRYER B TABLE, Page 2c

Test Code	Run	% Fuel 1	Type Fuel 2	Amount Fuel 2	% Fuel 2	Inlet Moisture (%OD)	Outlet Moisture (%OD)	Inlet Temp (F)	Outlet Temp (F)
069-071592B	3	100				100	3.5	1245	332
069-071592C	1	100				100	4.1	1222	321
069-071592C	2	100				100	4	1253	324
069-071692A	1	100				100	4.1	1242	297
069-071692A	2	100				100	3.6	1235	293
069-071692B	1	100				100	4.1	1242	297
069-071692B	2	100				100	3.6	1235	293
069-071692C	1	100				100	4.1	1242	297
069-081491A	1	100				78.6	3.8	1149	320
069-081491A	2	100				78.6	4.1	1098	318
069-081491A	3	100				83.5	4.1	1074	318
069-081491B	1	100				78.6	3.8	1149	320
069-081491B	2	100				78.6	4.1	1098	318
069-081491B	3	100				83.5	4.1	1074	318
069-081591A	1	100				100	5.6	1254	310
069-081591A	2	100				81.8	4	1128	302
069-081591A	3	100				81.8	5.6	1193	324
069-081591B	1	100				100	5.6	1254	310
069-081591B	2	100				81.8	4	1128	302
069-081591B	3	100				81.8	5.6	1193	324
069-081992A	1	100				100	4.1	1222	321
069-081992A	2	100				100	4	1253	324
069-081992A	3	100				100	3.5	1245	332
069-081992B	1	100				100	4.1	1222	321
069-081992B	2	100				100	4	1253	324
069-081992B	3	100				100	3.5	1245	332
069-082092A	1	100				100	4.1	1242	297
069-082092A	2	100				100	3.6	1235	293
069-082092A	3	100				100	4.8	1299	296
069-082092B	1	100				100	4.1	1242	297
069-082092B	2	100				100	3.6	1235	293

OSB - DRYER B TABLE, Page 2d

Comments
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet and sampling was after secondary cyclones before ESP.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet and sampling was after secondary cyclones before ESP.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet and sampling was after secondary cyclones before ESP.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet sampling was after secondary cylone before ESP.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet sampling was after secondary cylone before ESP.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Inlet sampling was after secondary cylone before ESP.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer; Outlet sampling was after ESP and ID fan.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
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Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.

OSB - DRYER B TABLE, Page 3a

Test Code	Unit Code	Run #	Production Rate (ODTH)	Production Rate Other (Units)	Core, Surface, or Both	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3
069-082092B	2D069	3			S	POPLAR	100			
069-121390A	2D069	1			S	POPLAR	100			
069-121390A	2D069	2			S	POPLAR	100			
069-121390A	2D069	3			S	POPLAR	100			
069-121390B	1D069	1			C	POPLAR	100			
069-121390B	1D069	2			C	POPLAR	100			
069-121390B	1D069	3			C	POPLAR	100			
069-121390C	2D069	1			S	POPLAR	100			
069-121390C	2D069	2			S	POPLAR	100			
069-121390C	2D069	3			S	POPLAR	100			
070-031992A	2D070	1	10.5			PINE SP	85	HWOOD	15	
070-031992A	2D070	2	10.5			PINE SP	85	HWOOD	15	
070-031992A	2D070	3	10.5			PINE SP	85	HWOOD	15	
070-031992B	2D070	1	10.5			PINE SP	85	HWOOD	15	
070-031992B	2D070	2	10.5			PINE SP	85	HWOOD	15	
070-031992B	2D070	3	10.5			PINE SP	85	HWOOD	15	
070-042392A	1D070	1	10.5			PINE SP	85	HWOOD	15	
070-042392A	1D070	2	10.5			PINE SP	85	HWOOD	15	
070-042392A	1D070	3	10.5			PINE SP	85	HWOOD	15	
070-042392B	1D070	1	10.5			PINE SP	85	HWOOD	15	
070-042392B	1D070	2	10.5			PINE SP	85	HWOOD	15	
070-042392B	1D070	3	10.5			PINE SP	85	HWOOD	15	
070-042392B	1D070	4	10.5			PINE SP	85	HWOOD	15	
070-042492A	3D070	1	11.2			PINE SP	85	HWOOD	15	
070-042492A	3D070	2	11.2			PINE SP	85	HWOOD	15	
070-042492A	3D070	3	11.2			PINE SP	85	HWOOD	15	
070-042492B	3D070	1	11.2			PINE SP	85	HWOOD	15	
070-042492B	3D070	2	11.2			PINE SP	85	HWOOD	15	
070-042492B	3D070	3	11.2			PINE SP	85	HWOOD	15	
070-062891A	1D070	1	11.04			PINE SP	85	HWOOD	15	
070-062891A	1D070	2	10.72			PINE SP	85	HWOOD	15	
070-062891A	1D070	3	10.95			PINE SP	85	HWOOD	15	
070-062891B	1D070	1	11.04			PINE SP	85	HWOOD	15	
070-062891B	1D070	2	10.72			PINE SP	85	HWOOD	15	
070-062891B	1D070	3	10.95			PINE SP	85	HWOOD	15	
070-062891C	3D070	1	6.2			PINE SP	85	HWOOD	15	
070-062891C	3D070	2	6.4			PINE SP	85	HWOOD	15	
070-062891C	3D070	3	8.6			PINE SP	85	HWOOD	15	
070-062891D	3D070	1	6.2			PINE SP	85	HWOOD	15	
070-062891D	3D070	2	6.4			PINE SP	85	HWOOD	15	
070-062891D	3D070	3	8.6			PINE SP	85	HWOOD	15	
070-101091A	2D070	1	10.6			PINE SP	85	HWOOD	15	
070-101091A	2D070	2	10.6			PINE SP	85	HWOOD	15	

OSB - DRYER B TABLE, Page 3b

% Species 3	Hot Air Source 1	% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
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	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						

OSB - DRYER B TABLE, Page 3c

Test Code	Run	% Fuel 1	Type Fuel 2	Amount Fuel 2	% Fuel 2	Inlet Moisture (%OD)	Outlet Moisture (%OD)	Inlet Temp (F)	Outlet Temp (F)
069-082092B	3	100				100	4.8	1299	296
069-121390A	1	100				100	4.6	1260	326
069-121390A	2	100				100	5.8	1328	334
069-121390A	3	100				100	4.8	1326	331
069-121390B	1	100				100	4.2	1212	310
069-121390B	2	100				100	4.8	1404	313
069-121390B	3	100				100	3.7	1412	310
069-121390C	1	100				100	4.6	1260	326
069-121390C	2	100				100	5.8	1328	334
069-121390C	3	100				100	4.8	1326	331
070-031992A	1					93	5.2	955	226
070-031992A	2					93	5.2	955	219
070-031992A	3					93	5.2	947	226
070-031992B	1					93	5.2	955	226
070-031992B	2					93	5.2	955	219
070-031992B	3					93	5.2	947	226
070-042392A	1					91	8.6	964	200
070-042392A	2					91	8.6	992	193
070-042392A	3					91	8.6	998	196
070-042392B	1					91	8.6	964	200
070-042392B	2					91	8.6	992	193
070-042392B	3					91	8.6	998	196
070-042392B	4					91	8.6	998	196
070-042492A	1					82	8	994	223
070-042492A	2					83	4.8	995	222
070-042492A	3					82	6.4	994	219
070-042492B	1					82	8	994	223
070-042492B	2					83	4.8	995	222
070-042492B	3					82	6.4	994	219
070-062891A	1					87.3	5.7	1127	199
070-062891A	2					98.4	7.1	1173	195
070-062891A	3					91.2	4.8	1188	211
070-062891B	1					87.3	5.7	1127	199
070-062891B	2					98.4	7.1	1173	195
070-062891B	3					91.2	4.8	1188	211
070-062891C	1					90	5.4	1096	208
070-062891C	2					90	5.4	1039	197
070-062891C	3					90	5.8	1083	201
070-062891D	1					90	5.4	1096	208
070-062891D	2					90	5.4	1039	197
070-062891D	3					90	5.8	1083	201
070-101091A	1					90	5	1205	190
070-101091A	2					90	5	1121	198

OSB - DRYER B TABLE, Page 3d

Comments
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Production provided as Ton of Finished Product per Hour (TFPH) for press, not individual dryer.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are described as "soft" hardwoods.
Wellons Furnace supplies hot air; HW species are described as "soft" hardwoods.
Wellons Furnace supplies hot air; HW species are described as "soft" hardwoods.
Wellons Furnace supplies hot air; HW species are described as "soft" hardwoods.
Wellons Furnace supplies hot air; HW species are described as "soft" hardwoods.
Wellons Furnace supplies hot air; HW species are described as "soft" hardwoods.
Wellons Furnace supplies hot air; HW species are described as "soft" hardwoods.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Wellons Furnace supplies hot air; HW species are sweetgum & yellow poplar.
Hardwood species are sweetgum and yellow poplar; Wellons Furnace supplies hot air.
Hardwood species are sweetgum and yellow poplar; Wellons Furnace supplies hot air.
Hardwood species are sweetgum and yellow poplar; Wellons Furnace supplies hot air.
Hardwood species are sweetgum and yellow poplar; Wellons Furnace supplies hot air.
Hardwood species are sweetgum and yellow poplar; Wellons Furnace supplies hot air.
Hardwood species are sweetgum and yellow poplar; Wellons Furnace supplies hot air.
test.
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test.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.

OSB - DRYER B TABLE, Page 4a

Test Code	Unit Code	Run	Production Rate (ODTH)	Production Rate Other (Units)	Core, Surface, or Both	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3
070-101091A	2D070	3	10.6			PINE SP	85	HWOOD	15	
070-101091B	2D070	1	10.6			PINE SP	85	HWOOD	15	
070-101091B	2D070	2	10.6			PINE SP	85	HWOOD	15	
070-101091B	2D070	3	10.6			PINE SP	85	HWOOD	15	
070-101091C	3D070	1	10.6			PINE SP	85	HWOOD	15	
070-101091C	3D070	2	10.6			PINE SP	85	HWOOD	15	
070-101091C	3D070	3	10.6			PINE SP	85	HWOOD	15	
070-101091D	3D070	1	10.6			PINE SP	85	HWOOD	15	
070-101091D	3D070	2	10.6			PINE SP	85	HWOOD	15	
070-101091D	3D070	3	10.6			PINE SP	85	HWOOD	15	
070-101091E	2D070	1	5.3			PINE SP	85	HWOOD	15	
070-101091F	2D070	1	5.3			PINE SP	85	HWOOD	15	
070-101091G	3D070	1	5.3			PINE SP	85	HWOOD	15	
070-101091H	3D070	1	5.3			PINE SP	85	HWOOD	15	
070-102192A	3D070	1	9			PINE SP	85	HWOOD	15	
070-102192A	3D070	2	9			PINE SP	85	HWOOD	15	
070-102192A	3D070	3	9			PINE SP	85	HWOOD	15	
070-102192B	3D070	1	9			PINE SP	85	HWOOD	15	
070-102192B	3D070	2	9			PINE SP	85	HWOOD	15	
070-102192B	3D070	3	9			PINE SP	85	HWOOD	15	
070-102292A	3D070	1	9			PINE SP	85	HWOOD	15	
070-102292A	3D070	2	9			PINE SP	85	HWOOD	15	
070-102292A	3D070	3	9			PINE SP	85	HWOOD	15	
070-102292B	3D070	1	9			PINE SP	85	HWOOD	15	
070-102292B	3D070	2	9			PINE SP	85	HWOOD	15	
070-102292B	3D070	3	9			PINE SP	85	HWOOD	15	
070-102292D	2D070	1		see comments						
083-060988A	YD083	1	15.2		B	ASPEN	95	PINE SP	5	
083-060988A	YD083	2	15.2		B	ASPEN	95	PINE SP	5	
083-060988A	YD083	3	15.2		B	ASPEN	95	PINE SP	5	
083-061088A	XD083	1	15.4		B	ASPEN	95	PINE SP	5	
083-061088A	XD083	2	15.4		B	ASPEN	95	PINE SP	5	
083-061088A	XD083	3	15.4		B	ASPEN	95	PINE SP	5	
083-082990A	XD083	1	12.82		B	ASPEN	95	PINE SP	5	
083-082990A	XD083	2	12.82		B	ASPEN	95	PINE SP	5	
083-082990A	XD083	3	12.82		B	ASPEN	95	PINE SP	5	
088-030989A	1D088	1	9.82		B	HWOOD	95	SWOOD	5	
088-030989A	1D088	2	9.82		B	HWOOD	95	SWOOD	5	
088-030989A	1D088	3	9.82		B	HWOOD	95	SWOOD	5	
088-120892A	1D088	1	11.5		B	PINE SP	100			
088-120892A	1D088	2	11.5		B	PINE SP	100			
088-120892A	1D088	3	11.5		B	PINE SP	100			
088-120892B	1D088	1	11.5		B	HWOOD	95	PINE SP	5	

OSB - DRYER B TABLE, Page 4b

% Species 3	Hot Air Source 1	% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					WREF	2150 lb/hr
	SUSP BU	100					WREF	2150 lb/hr
	SUSP BU	100					WREF	2150 lb/hr
	SUSP BU	100					WREF	1568 lb/hr
	SUSP BU	100					WREF	1568 lb/hr
	SUSP BU	100					WREF	1568 lb/hr
	SUSP BU	100					WREF	1568 lb/hr

OSB - DRYER B TABLE, Page 4c

Test Code	Run	% Fuel 1	Type Fuel 2	Amount Fuel 2	% Fuel 2	Inlet Moisture (%OD)	Outlet Moisture (%OD)	Inlet Temp (F)	Outlet Temp (F)
070-101091A	3					90	5	1148	200
070-101091B	1					90	5	1205	190
070-101091B	2					90	5	1121	198
070-101091B	3					90	5	1148	200
070-101091C	1					90	5	1158	198
070-101091C	2					90	5	1101	197
070-101091C	3					90	5	1146	197
070-101091D	1					90	5	1158	198
070-101091D	2					90	5	1101	197
070-101091D	3					90	5	1146	197
070-101091E	1					90	5	842	
070-101091F	1					90	5	842	
070-101091G	1					90	5	843	
070-101091H	1					90	5	843	
070-102192A	1					84.3	4.8	995	231
070-102192A	2					89.7	7.2	1003	192
070-102192A	3					91.1	7.1	999	196
070-102192B	1					84.3	4.8	995	231
070-102192B	2					89.7	7.2	1003	192
070-102192B	3					91.1	7.1	999	196
070-102292A	1					76	6.9	977	205
070-102292A	2					91.2	6.3	1006	211
070-102292A	3					72.5	4.4	1002	218
070-102292B	1					76	6.9	977	205
070-102292B	2					91.2	6.3	1006	211
070-102292B	3					72.5	4.4	1002	218
070-102292D	1								
083-060988A	1							1001	249
083-060988A	2							988	249
083-060988A	3							938	219
083-061088A	1							1013	248
083-061088A	2							1072	247
083-061088A	3							1024	247
083-082990A	1					78.9	7.9	1183	227
083-082990A	2					77.3	14.5	930	205
083-082990A	3					86.6	13	950	221
088-030989A	1	100				58.5	9.3	780	182
088-030989A	2	100				58.5	9.6	781	183
088-030989A	3	100				58.5	9.8	781	182
088-120892A	1		TRIM	1744 lb/hr		94.9	7.1	1093	195
088-120892A	2		TRIM	1744 lb/hr		92.7	10	1048	195
088-120892A	3		TRIM	1744 lb/hr		79.5	10.7	983	199
088-120892B	1		TRIM	1744 lb/hr		84.5	7.2	1063	198

OSB - DRYER B TABLE, Page 4d

Comments
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
Inlet and outlet moistures from previous tests.
HW species are sweetgum & yellow poplar.
HW species are sweetgum & yellow poplar.
HW species are sweetgum & yellow poplar.
HW species are sweetgum & yellow poplar.
HW species are sweetgum & yellow poplar.
HW species are sweetgum & yellow poplar.
HW species are sweetgum & yellow poplar.
HW species are sweetgum & yellow poplar.
HW species are sweetgum & yellow poplar.
HW species are sweetgum & yellow poplar.
No data input to database, test for effectiveness of activated carbon on VOC removal, ppm values in test report.
Comparison of Pine vs. HW available.
Comparison of Pine vs. HW available.
Comparison of Pine vs. HW available.
Comparison of Pine vs. HW available.

OSB - DRYER B TABLE, Page 5a

Test Code	Unit Code	Run	Production Rate (ODTH)	Production Rate Other (Units)	Core, Surface, or Both	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3
088-120892B	1D088	2	11.5		B	HWOOD	95	PINE SP	5	
088-120892B	1D088	3	11.5		B	HWOOD	95	PINE SP	5	
088-121488A	1D088	1	9.6		B	HWOOD	95	SWOOD	5	
088-121488A	1D088	2	9.6		B	HWOOD	95	SWOOD	5	
088-121488A	1D088	3	9.6		B	HWOOD	95	SWOOD	5	
096-012693A	2D096	1	12.66		B	ASPEN	80	PINE SP	20	
096-012693A	2D096	2	12.66		B	ASPEN	80	PINE SP	20	
096-012693A	2D096	3	12.66		B	ASPEN	80	PINE SP	20	
096-012693B	2D096	1	12.66		B	ASPEN	80	PINE SP	20	
096-012693B	2D096	2	12.66		B	ASPEN	80	PINE SP	20	
096-012693B	2D096	3	12.66		B	ASPEN	80	PINE SP	20	
096-012793A	2D096	1	12.69		B	ASPEN	80	PINE SP	20	
096-012793A	2D096	2	12.69		B	ASPEN	80	PINE SP	20	
096-012793A	2D096	3	12.69		B	ASPEN	80	PINE SP	20	
096-012793C	2D096	1	12.69		B	ASPEN	80	PINE SP	20	
096-012793C	2D096	2	12.69		B	ASPEN	80	PINE SP	20	
096-012793C	2D096	3	12.69		B	ASPEN	80	PINE SP	20	
096-060590A	1D096	1	7.74		B	ASPEN	100			
096-060590A	1D096	2	7.74		B	ASPEN	100			
096-060590A	1D096	3	7.74		B	ASPEN	100			
096-060590B	1D096	1	7.74		B	ASPEN	100			
096-060590C	1D096	1	11.7		B	ASPEN	100			
096-060590C	1D096	2	11.7		B	ASPEN	100			
096-060590C	1D096	3	11.7		B	ASPEN	100			
096-060590D	1D096	1	11.7		B	ASPEN	100			
096-060790C	1D096	1	12.15		B	PINE SP	100			
096-060790C	1D096	2	12.15		B	PINE SP	100			
096-060790C	1D096	3	12.15		B	PINE SP	100			
096-060890C	1D096	1	8.24		B	PINE SP	100			
096-060890C	1D096	2	8.24		B	PINE SP	100			
096-060890C	1D096	3	8.24		B	PINE SP	100			
097-061490A	XD097	1	18.8		B	HWOOD	100			
097-061490A	XD097	2	18.8		B	HWOOD	100			
097-061490A	XD097	3	18.8		B	HWOOD	100			
097-061588A	2D097	1	8.21		S	HWOOD	100			
097-061588A	2D097	2	8.21		S	HWOOD	100			
097-061588A	2D097	3	8.21		S	HWOOD	100			
097-061688A	1D097	1	8.6		C	HWOOD	100			
097-061688A	1D097	2	8.6		C	HWOOD	100			
097-061688A	1D097	3	8.6		C	HWOOD	100			
097-061688B	1D097	1	8.6		C	HWOOD	100			
097-061688B	1D097	2	8.6		C	HWOOD	100			
097-061688B	1D097	3	8.6		C	HWOOD	100			

OSB - DRYER B TABLE, Page 5b

% Species 3	Hot Air Source 1	% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1
	SUSP BU	100					WREF	1568 lb/hr
	SUSP BU	100					WREF	1568 lb/hr
	SUSP BU	100					WREF	1926 lb/hr
	SUSP BU	100					WREF	1926 lb/hr
	SUSP BU	100					WREF	1926 lb/hr
	SUSP BU	100					DFINE	1.64 dry tons/hr
	SUSP BU	100					DFINE	1.64 dry tons/hr
	SUSP BU	100					DFINE	1.64 dry tons/hr
	SUSP BU	100					DFINE	1.64 dry tons/hr
	SUSP BU	100					DFINE	1.64 dry tons/hr
	SUSP BU	100					DFINE	1.64 dry tons/hr
	SUSP BU	100					DFINE	1.66 dry tons/hr
	SUSP BU	100					DFINE	1.66 dry tons/hr
	SUSP BU	100					DFINE	1.66 dry tons/hr
	SUSP BU	100					DFINE	1.66 dry tons/hr
	SUSP BU	100					DFINE	1.66 dry tons/hr
	SUSP BU	100					DFINE	1.66 dry tons/hr
	SUSP BU	100					DFINE	1.11 tons/hr
	SUSP BU	100					DFINE	1.11 tons/hr
	SUSP BU	100					DFINE	1.11 tons/hr
	SUSP BU	100					DFINE	1.11 tons/hr
	SUSP BU	100					DFINE	1.49 tons/hr
	SUSP BU	100					DFINE	1.49 tons/hr
	SUSP BU	100					DFINE	1.49 tons/hr
	SUSP BU	100					DFINE	1.49 tons/hr
	SUSP BU	100					DFINE	0.73 tons/hr
	SUSP BU	100					DFINE	0.73 tons/hr
	SUSP BU	100					DFINE	0.73 tons/hr
	SUSP BU	100					DFINE	0.81 tons/hr
	SUSP BU	100					DFINE	0.81 tons/hr
	SUSP BU	100					DFINE	0.81 tons/hr
	SUSP BU	100					DFINE	3962 lb/hr
	SUSP BU	100					DFINE	3962 lb/hr
	SUSP BU	100					DFINE	3962 lb/hr
	SUSP BU	100					DFINE	1660 lb/hr
	SUSP BU	100					DFINE	1660 lb/hr
	SUSP BU	100					DFINE	1660 lb/hr
	SUSP BU	100					DFINE	1999 lb/hr
	SUSP BU	100					DFINE	1999 lb/hr
	SUSP BU	100					DFINE	1999 lb/hr
	SUSP BU	100					DFINE	1823 lb/hr
	SUSP BU	100					DFINE	1823 lb/hr
	SUSP BU	100					DFINE	1823 lb/hr

OSB - DRYER B TABLE, Page 5c

Test Code	Run	% Fuel 1	Type Fuel 2	Amount Fuel 2	% Fuel 2	Inlet Moisture (%OD)	Outlet Moisture (%OD)	Inlet Temp (F)	Outlet Temp (F)
088-120892B	2		TRIM	1744 lb/hr		74.8	9.65	1104	193
088-120892B	3		TRIM	1744 lb/hr		90.1	6.7	1120	202
088-121488A	1	100				51	8.2	662	192
088-121488A	2	100				51	8.5	652	191
088-121488A	3	100				51	8.1	637	191
096-012693A	1	100				40.3	4.7	1405	197
096-012693A	2	100				74.8	4.6	1439	194
096-012693A	3	100				90.1	5	1292	195
096-012693B	1	100				40.3	4.7	1405	197
096-012693B	2	100				74.8	4.6	1439	194
096-012693B	3	100				90.1	5	1292	195
096-012793A	1	100				78.6	4.6	1470	197
096-012793A	2	100				71.2	4.6	1341	198
096-012793A	3	100				88.7	4.4	1353	197
096-012793C	1	100				78.6	4.6	1470	197
096-012793C	2	100				71.2	4.6	1341	198
096-012793C	3	100				88.7	4.4	1353	197
096-060590A	1	100				80.8	7.99	993	240
096-060590A	2	100				80.8	7.99	993	240
096-060590A	3	100				80.8	7.99	993	240
096-060590B	1	100				80.8	7.99	993	240
096-060590C	1	100				64.7	6.38	1194	217
096-060590C	2	100				64.7	6.38	1194	217
096-060590C	3	100				64.7	6.38	1194	217
096-060590D	1	100							
096-060790C	1	100				33.2	4.6	759	166
096-060790C	2	100				33.2	4.6	759	166
096-060790C	3	100				33.2	4.6	759	166
096-060890C	1	100				50.4	4.28	848	190
096-060890C	2	100				50.4	4.28	848	190
096-060890C	3	100				50.4	4.28	848	190
097-061490A	1	100				94.6	4.06	1258	230
097-061490A	2	100				98.8	7.99	996	230
097-061490A	3	100				79.2	4.71	1172	230
097-061588A	1	100					7.18	1124	204
097-061588A	2	100					7.3	1096	203
097-061588A	3	100						1088	203
097-061688A	1	100				80.2	4.17	1148	225
097-061688A	2	100				76.7	4.71	1136	233
097-061688A	3	100				66.7	4.6	1152	225
097-061688B	1	100				86.9	3.52	1180	225
097-061688B	2	100				84.2	4.17	1212	225
097-061688B	3	100				82.8	3.73	1152	225

OSB - DRYER B TABLE, Page 5d

Comments
Comparison of Pine vs. HW available.
Comparison of Pine vs. HW available.

OSB - DRYER B TABLE, Page 6a

Test Code	Unit Code	Run	Production Rate (ODTH)	Production Rate Other (Units)	Core, Surface, or Both	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3
097-061688C	2D097	1	8.21		S	HWOOD	100			
097-061688C	2D097	2	8.21		S	HWOOD	100			
097-061688C	2D097	3	8.21		S	HWOOD	100			
097-080290B	XD097	1	19.5		B	HWOOD	100			
097-080290B	XD097	2	19.5		B	HWOOD	100			
097-080290B	XD097	3	19.5		B	HWOOD	100			
097-091189A	2D097	1	9.58		S	HWOOD	100			
097-091189A	2D097	2	9.58		S	HWOOD	100			
097-091189A	2D097	3	9.58		S	HWOOD	100			
097-091289A	1D097	1	8.71		C	HWOOD	100			
097-091289A	1D097	2	8.71		C	HWOOD	100			
097-091289A	1D097	3	8.71		C	HWOOD	100			
097-100590A	XD097	1	19.5		B	HWOOD	100			
097-100590A	XD097	2	19.5		B	HWOOD	100			
097-100590A	XD097	3	19.5		B	HWOOD	100			
097-100590B	XD097	1	19.5		B	HWOOD	100			
097-100590B	XD097	2	19.5		B	HWOOD	100			
097-100590B	XD097	3	19.5		B	HWOOD	100			
097-122089A	XD097	1	20.15		B	HWOOD	100			
097-122089A	XD097	2	20.15		B	HWOOD	100			
097-122089A	XD097	3	20.15		B	HWOOD	100			
097-122189A	XD097	1	19.2		B	HWOOD	100			
097-122189A	XD097	2	19.2		B	HWOOD	100			
097-122189A	XD097	3	19.2		B	HWOOD	100			
127-062591A	1D127	1	5.4			ASPEN	95	PINE SP	5	
127-062591A	1D127	2	5.4			ASPEN	95	PINE SP	5	
127-062591A	1D127	3	5.4			ASPEN	95	PINE SP	5	
127-082190A	1D127	1	6.2			ASPEN	95	PINE SP	5	
127-082190A	1D127	2	6.2			ASPEN	95	PINE SP	5	
127-082190A	1D127	3	6.2			ASPEN	95	PINE SP	5	
127-091289A	2D127	1	5.13			ASPEN	100			
127-091289A	2D127	2	5.13			ASPEN	100			
127-091289A	2D127	3	5.13			ASPEN	100			
127-092289A	2D127	1	5.22			ASPEN	100			
127-092289A	2D127	2	5.11			ASPEN	100			
127-092289A	2D127	3	5.2			ASPEN	100			
127-102290A	1D127	1	4.87			ASPEN	96	PINE SP	4	
127-102290A	1D127	2	4.87			ASPEN	96	PINE SP	4	
127-102290A	1D127	3	4.87			ASPEN	96	PINE SP	4	
174-041191A	1D174	1	14.31			HWOOD	40	SWOOD	60	
174-041191A	1D174	2	14.31			HWOOD	40	SWOOD	60	
174-041191A	1D174	3	14.31			HWOOD	40	SWOOD	60	
174-041191B	2D174	1	13.78			HWOOD	40	SWOOD	60	

OSB - DRYER B TABLE, Page 6b

% Species 3	Hot Air Source 1	% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1
	SUSP BU	100					DFINE	1962 lb/hr
	SUSP BU	100					DFINE	1962 lb/hr
	SUSP BU	100					DFINE	1962 lb/hr
	SUSP BU	100					DFINE	2.99 tons/hr
	SUSP BU	100					DFINE	2.99 tons/hr
	SUSP BU	100					DFINE	2.99 tons/hr
	SUSP BU	100					DFINE	2341 lb/hr
	SUSP BU	100					DFINE	2341 lb/hr
	SUSP BU	100					DFINE	2341 lb/hr
	SUSP BU	100					DFINE	1755 lb/hr
	SUSP BU	100					DFINE	1755 lb/hr
	SUSP BU	100					DFINE	1755 lb/hr
	SUSP BU	100					DFINE	3.19 tons/hr
	SUSP BU	100					DFINE	3.19 tons/hr
	SUSP BU	100					DFINE	3.19 tons/hr
	SUSP BU	100					DFINE	2446 lb/hr
	SUSP BU	100					DFINE	3150 lb/hr
	SUSP BU	100					DFINE	3166 lb/hr
	SUSP BU	100					DFINE	6495 lb/hr
	SUSP BU	100					DFINE	6495 lb/hr
	SUSP BU	100					DFINE	6495 lb/hr
	SUSP BU	100					DFINE	5809 lb/hr
	SUSP BU	100					DFINE	5809 lb/hr
	SUSP BU	100					DFINE	5809 lb/hr
	SUSP BU	100					WDUST	3570 lb/hr
	SUSP BU	100					WDUST	3570 lb/hr
	SUSP BU	100					WDUST	3570 lb/hr
	SUSP BU	100					WDUST	3570 lb/hr
	SUSP BU	100					WDUST	3570 lb/hr
	SUSP BU	100					WDUST	3570 lb/hr
	SUSP BU	100					WDUST	3182 lb/hr
	SUSP BU	100					WDUST	3182 lb/hr
	SUSP BU	100					WDUST	3182 lb/hr
	SUSP BU	100					WDUST	3182 lb/hr
	SUSP BU	100					WDUST	3182 lb/hr
	SUSP BU	100					WDUST	3182 lb/hr
	SUSP BU	100					WDUST	3570 lb/hr
	SUSP BU	100					WDUST	3570 lb/hr
	SUSP BU	100					WDUST	3570 lb/hr
	SUSP BU	100					SDUST	
	SUSP BU	100					SDUST	
	SUSP BU	100					SDUST	
	SUSP BU	100					SDUST	

OSB - DRYER B TABLE, Page 7a

Test Code	Unit Code	Run	Production Rate (ODTH)	Production Rate Other (Units)	Core, Surface, or Both	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3
174-041191B	2D174	2	13.78			HWOOD	40	SWOOD	60	
174-041191B	2D174	3	13.78			HWOOD	40	SWOOD	60	
210-013090A	1D210	1	10.97		B	ASPEN	100			
210-013090A	1D210	2	10.97		B	ASPEN	100			
210-013090A	1D210	3	10.97		B	ASPEN	100			
210-021192A	1D210	1	13.78		B	ASPEN	100			
210-021192A	1D210	2	13.78		B	ASPEN	100			
210-021192A	1D210	3	13.78		B	ASPEN	100			
210-021192B	1D210	1	13.78		B	ASPEN	100			
210-021192B	1D210	2	13.78		B	ASPEN	100			
210-021192B	1D210	3	13.78		B	ASPEN	100			
210-021192C	1D210	1	13.78		B	ASPEN	100			
210-021192C	1D210	2	13.78		B	ASPEN	100			
210-021192C	1D210	3	13.78		B	ASPEN	100			
210-021192D	1D210	1	13.78		B	ASPEN	100			
210-021192D	1D210	2	13.78		B	ASPEN	100			
210-021192D	1D210	3	13.78		B	ASPEN	100			
210-022489A	1D210	1	11.61			ASPEN	100			
210-022489A	1D210	2	11.61			ASPEN	100			
210-022489A	1D210	3	11.61			ASPEN	100			
210-042292A	1D210	1	13.87		B	ASPEN	100			
210-042292A	1D210	2	13.87		B	ASPEN	100			
210-042292A	1D210	3	13.87		B	ASPEN	100			
210-042292B	1D210	1	13.87		B	ASPEN	100			
210-042292B	1D210	2	13.87		B	ASPEN	100			
210-042292B	1D210	3	13.87		B	ASPEN	100			
210-042292C	1D210	1	13.87		B	ASPEN	100			
210-042292C	1D210	2	13.87		B	ASPEN	100			
210-042292C	1D210	3	13.87		B	ASPEN	100			
210-042292D	1D210	1	13.87		B	ASPEN	100			
210-042292D	1D210	2	13.87		B	ASPEN	100			
210-042292D	1D210	3	13.87		B	ASPEN	100			
210-042292E	1D210	1	11.99		B	ASPEN	100			
210-042292E	1D210	2	11.99		B	ASPEN	100			
210-042292E	1D210	3	11.99		B	ASPEN	100			
211-012892A	3D211	1	11.9		B	HWOOD	100			
211-012892A	3D211	2	11.9		B	HWOOD	100			
211-012892A	3D211	3	11.9		B	HWOOD	100			
211-012892B	3D211	1	11.9		B	HWOOD	100			
211-012892B	3D211	2	11.9		B	HWOOD	100			
211-012892B	3D211	3	11.9		B	HWOOD	100			
211-012892C	3D211	1	11.9		B	HWOOD	100			
211-012892C	3D211	2	11.9		B	HWOOD	100			

OSB - DRYER B TABLE, Page 7b

% Species 3	Hot Air Source 1	% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1
	SUSP BU	100					SDUST	
	SUSP BU	100					SDUST	
	SUSP BU	100					DFINE	3663 lb/hr
	SUSP BU	100					DFINE	3663 lb/hr
	SUSP BU	100					DFINE	3663 lb/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	2.42 tons/hr
	SUSP BU	100					DFINE	3342 lb/hr
	SUSP BU	100					DFINE	3342 lb/hr
	SUSP BU	100					DFINE	3342 lb/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	2.12 tons/hr
	SUSP BU	100					DFINE	1.89 tons/hr
	SUSP BU	100					DFINE	1.89 tons/hr
	SUSP BU	100					DFINE	1.89 tons/hr
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	

OSB - DRYER B TABLE, Page 7c

Test Code	Run	% Fuel 1	Type Fuel 2	Amount Fuel 2	% Fuel 2	Inlet Moisture (%OD)	Outlet Moisture (%OD)	Inlet Temp (F)	Outlet Temp (F)
174-041191B	2	100				88.7	5.6	900	230
174-041191B	3	100				88.7	5.6	900	230
210-013090A	1	100					6.84	1163	240
210-013090A	2	100					6.04	1161	240
210-013090A	3	100					5.93	1157	240
210-021192A	1	100				104	5.26	1442	209
210-021192A	2	100				96.1	5.82	1580	257
210-021192A	3	100				93.8	5.26	1389	254
210-021192B	1	100				108	5.6	1480	258
210-021192B	2	100				108	7.18	1403	257
210-021192B	3	100				125	5.26	1464	257
210-021192C	1	100				105	6	1458	258
210-021192C	2	100				114	4.2	1463	258
210-021192C	3	100				84.5	6.4	1455	258
210-021192D	1	100				104	5.26	1442	255
210-021192D	2	100				96.1	5.82	1571	257
210-021192D	3	100				93.8	5.26	1389	254
210-022489A	1	100					4.82	1246	244
210-022489A	2	100					4.93	1208	244
210-022489A	3	100					4.49	1254	244
210-042292A	1	100					6.38	1327	274
210-042292A	2	100				93.8	6.38	1131	275
210-042292A	3	100					5.37	1360	272
210-042292B	1	100				88.7	6.38	1299	274
210-042292B	2	100				93.8	6.04	1331	275
210-042292B	3	100				88	5.37	1345	272
210-042292C	1	100					6.4	1343	273
210-042292C	2	100				94.6	6.4	1329	274
210-042292C	3	100				102	5.9	1306	274
210-042292D	1	100					6.4	1343	273
210-042292D	2	100				94.6	5.9	1309	273
210-042292D	3	100				85.2	6.6	1301	273
210-042292E	1	100				93.1	6.3	1150	280
210-042292E	2	100				67.8	5.9	1109	271
210-042292E	3	100				84.2	6.4	1081	266
211-012892A	1					104	7.3	646	177
211-012892A	2					88.3	8.7	884	192
211-012892A	3					96.5	7.53	912	197
211-012892B	1					80.8		684	229
211-012892B	2					103	8.7	928	247
211-012892B	3					102	10	906	243
211-012892C	1					99.2	7.64	920	196
211-012892C	2					112	8.81	946	197

OSB - DRYER B TABLE, Page 7d

Comments
Boiler can provide secondary source of heat, assume not used during this test.
Boiler can provide secondary source of heat, assume not used during this test.
Dry Fuel - 8444 Btu/lb
Dry Fuel - 8444 Btu/lb
Dry Fuel - 8444 Btu/lb
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8307 Btu/lb Fuel analysis available in report; 69 lbs/hr of MDI burned.
Dry Fuel - 8317 Btu/lb
Dry Fuel - 8317 Btu/lb
Dry Fuel - 8317 Btu/lb
75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
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75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
75 lb/hr of MDI burned.
Surface/ Core Dryer Stack
Surface/ Core Dryer Stack
Surface/ Core Dryer Stack
Surface/ Core Dryer Stack
Surface/ Core Dryer Stack
Surface/ Core Dryer Stack
Surface/ Core Dryer Stack
Surface/ Core Dryer Stack

OSB - DRYER B TABLE, Page 8a

Test Code	Unit Code	Run	Production Rate (ODTH)	Production Rate Other (Units)	Core, Surface, or Both	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3
211-012892C	3D211	3	11.9		B	HWOOD	100			
211-012992A	1D211	1	11.9		B	HWOOD	100			
211-012992A	1D211	2	11.9		B	HWOOD	100			
211-012992A	1D211	3	11.9		B	HWOOD	100			
211-012992B	1D211	1	11.3		B	HWOOD	100			
211-012992B	1D211	2	11.3		B	HWOOD	100			
211-012992B	1D211	3	11.3		B	HWOOD	100			
211-012992C	1D211	1	11.3		B	HWOOD	100			
211-012992C	1D211	2	11.3		B	HWOOD	100			
211-012992C	1D211	3	11.3		B	HWOOD	100			
211-013092A	2D211	1	11.9		B	HWOOD	100			
211-013092A	2D211	2	11.9		B	HWOOD	100			
211-013092A	2D211	3	11.9		B	HWOOD	100			
211-013092B	2D211	1	11.9		B	HWOOD	100			
211-013092B	2D211	2	11.9		B	HWOOD	100			
211-013092B	2D211	3	11.9		B	HWOOD	100			
211-013092C	2D211	1	11.9		B	HWOOD	100			
211-013092C	2D211	2	11.9		B	HWOOD	100			
211-013092C	2D211	3	11.9		B	HWOOD	100			
211-041191A	1D211	1	9.12		C	HWOOD	100			
211-041191A	1D211	2	9.12		C	HWOOD	100			
211-041191A	1D211	3	9.12		C	HWOOD	100			
212-101191A	1D212	1	12.06		B	HWOOD	10	SWOOD	90	
212-101191A	1D212	2	12.06		B	HWOOD	10	SWOOD	90	
212-101191A	1D212	3	12.06		B	HWOOD	10	SWOOD	90	
212-101191B	1D212	1	11.6		B	HWOOD	10	SWOOD	90	
212-101191B	1D212	2	11.6		B	HWOOD	10	SWOOD	90	
212-101191B	1D212	3	10.7		B	HWOOD	10	SWOOD	90	
215-042089A	XD215	1	33.7			HWOOD	45	PINE SP	55	
215-042089A	XD215	2	38			HWOOD	45	PINE SP	55	
215-042089A	XD215	3	38.1			HWOOD	45	PINE SP	55	
215-042089B	XD215	1	33.7			HWOOD	45	PINE SP	55	
215-042089B	XD215	2	38			HWOOD	45	PINE SP	55	
215-042089B	XD215	3	38.1			HWOOD	45	PINE SP	55	
215-062591A	XD215	1	35.4			SY PINE	40	HWOOD	60	
215-062591A	XD215	2	38.8			SY PINE	40	HWOOD	60	
215-062591A	XD215	3	38.7			SY PINE	40	HWOOD	60	
215-062591B	XD215	1	35.4			SY PINE	40	HWOOD	60	
215-062591B	XD215	2	38.8			SY PINE	40	HWOOD	60	
215-062591B	XD215	3	38.7			SY PINE	40	HWOOD	60	
215-062591C	YD215	1	8.1			SY PINE	40	HWOOD	60	
215-062591C	YD215	2	10.1			SY PINE	40	HWOOD	60	
215-062591D	YD215	1	4.2			SY PINE	40	HWOOD	60	

OSB - DRYER B TABLE, Page 8b

% Species 3	Hot Air Source 1	% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					DFINE	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					WREF	
	SUSP BU	100					DFINE	2767 lb/hr
	SUSP BU	100					DFINE	2767 lb/hr
	SUSP BU	100					DFINE	2767 lb/hr
	SUSP BU	100					DFINE	2767 lb/hr
	SUSP BU	100					DFINE	2767 lb/hr
	SUSP BU	100					DFINE	2767 lb/hr
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100					WREF	
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						
	FLUE GAS	100						

OSB - DRYER B TABLE, Page 8c

Test Code	Run	% Fuel 1	Type Fuel 2	Amount Fuel 2	% Fuel 2	Inlet Moisture (%OD)	Outlet Moisture (%OD)	Inlet Temp (F)	Outlet Temp (F)
211-012892C	3					107	8.58	932	198
211-012992A	1					96	7.53	881	219
211-012992A	2					100	8.7	922	213
211-012992A	3					89	6.84	920	230
211-012992B	1					104	7.53	940	247
211-012992B	2					102	10	904	223
211-012992B	3					93	8.93	960	252
211-012992C	1					98	7.76	926	250
211-012992C	2					102	8.23	940	251
211-012992C	3					89	8.93	892	250
211-013092A	1					86	8.11	914	207
211-013092A	2					95	10	876	209
211-013092A	3					98	7.99	813	214
211-013092B	1					81	6.84	912	199
211-013092B	2					95	8.9	912	197
211-013092B	3					97		904	197
211-013092C	1					96	6.84	928	225
211-013092C	2					89	10	908	217
211-013092C	3					96	10	885	223
211-041191A	1	100				102	6.2	1132	252
211-041191A	2	100				89.8	6.3	1053	250
211-041191A	3	100				93.1	6.3	1055	246
212-101191A	1					49.7	6.6	1029	195
212-101191A	2					73.3	7.3	813	188
212-101191A	3					49.3	7.1	1016	192
212-101191B	1					63.7	6.61	1080	198
212-101191B	2					49	6.38	1014	191
212-101191B	3					60.3	6.72	993	196
215-042089A	1					100	3.6	1110	258
215-042089A	2					101	3.4	1137	247
215-042089A	3					100	3	1131	244
215-042089B	1					100	2.6	1110	258
215-042089B	2					101	3.4	1137	247
215-042089B	3					100	3	1131	244
215-062591A	1					88	3	1084	248
215-062591A	2					91.2	3.8	1134	236
215-062591A	3					89	2.6	1137	246
215-062591B	1					88	3	1084	248
215-062591B	2					91.2	3.8	1134	236
215-062591B	3					89	2.6	1137	246
215-062591C	1					88.7	3.1	1032	
215-062591C	2					88.7	3.1	1116	
215-062591D	1					88.7	3.1	844	

OSB - DRYER B TABLE, Page 8d

Comments
Surface/ Core Dryer Stack
Core Dryer Stack
Core Dryer Stack
Core Dryer Stack
Core Dryer Stack
Core Dryer Stack
Core Dryer Stack
Core Dryer Stack
Core Dryer Stack
Core Dryer Stack
Surface Dryer Stack
Surface Dryer Stack
Surface Dryer Stack
Surface Dryer Stack
Surface Dryer Stack
Surface Dryer Stack
Surface Dryer Stack
Surface Dryer Stack
Surface Dryer Stack
Inlet; 4 Dryers tested simultaneously.
Inlet; 4 Dryers tested simultaneously.
Inlet; 4 Dryers tested simultaneously.
Outlet from WESP; 4 Dryers tested simultaneously, all to one WESP.
Outlet from WESP; 4 Dryers tested simultaneously, all to one WESP.
Outlet from WESP; 4 Dryers tested simultaneously, all to one WESP.
High Inlet Temperature test; 2 Identical dryers.
High Inlet Temperature test; 2 Identical dryers.
High Inlet Temperature test; 2 Identical dryers.

OSB - DRYER B TABLE, Page 9a

Test Code	Unit Code	Run	Production Rate (ODTH)	Production Rate Other (Units)	Core, Surface, or Both	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3
215-062591D	YD215	2	5.8			SY PINE	40	HWOOD	60	
225-020792A	1D225	1	10.54		B	HWOOD	100			
225-020792A	1D225	2	10.54		B	HWOOD	100			
225-020792A	1D225	3	10.54		B	HWOOD	100			
225-020792B	1D225	1	10.54		B	HWOOD	100			
225-020792B	1D225	2	10.54		B	HWOOD	100			
225-020792B	1D225	3	10.54		B	HWOOD	100			
225-020792C	1D225	1	10.54		B	HWOOD	100			
225-020792C	1D225	2	10.54		B	HWOOD	100			
225-020792C	1D225	3	10.54		B	HWOOD	100			
225-020792D	1D225	1	10.54		B	HWOOD	100			
225-020792D	1D225	2	10.54		B	HWOOD	100			
225-020792D	1D225	3	10.54		B	HWOOD	100			
225-041990A	1D225	1	10.6			HWOOD	100			
225-041990A	1D225	2	10.6			HWOOD	100			
225-041990A	1D225	3	10.6			HWOOD	100			

OSB - DRYER B TABLE, Page 9b

% Species 3	Hot Air Source 1	% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1
	FLUE GAS	100						
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					WREF	2 tons/hr
	SUSP BU	100					DFINE	3682 lb/hr
	SUSP BU	100					DFINE	3682 lb/hr
	SUSP BU	100					DFINE	3682 lb/hr

OSB - PRESS B TABLE, Page 1a of 4(a-d)

Test Code	Unit Code	Run	Production Rate MSF 3/8/hr	Production Rate Other-(Units)	Press Temp. (F)	Press Cycle Time (min.)	Nominal Thickness (inches)	Board Density (lb/ft3)	Moisture Content (%)
044-062392A	1P044	1	31.08		430	7	3/4	36.125	4.5
044-062392A	1P044	2	31.08		430	7	3/4	36.125	4.5
044-062392B	1P044	1	27.71		430	3.9	3/8	36.125	4.5
044-062392B	1P044	2	27.71		430	3.9	3/8	36.125	4.5
044-092393A	1P044	1	29.71		430		3/4	38.0	3
044-092393A	1P044	2	31.76	29.86 AVG	430		3/4	38.0	3
044-092393A	1P044	3	28.11		430		3/4	38.0	3
069-062492A	1P069	1	25.6	17 TFPH	406		3/8		4.5
069-062492A	1P069	2	25.6	17 TFPH	406		3/8		4.5
069-062492A	1P069	3	25.6	17 TFPH	406		3/8		4.5
070-012793A	1P070	1	32.48		400		7/16		
070-012793A	1P070	2	32.48		400		7/16		
070-012793A	1P070	3	32.48		400		7/16		
070-012893A	1P070	1	34.56		400		7/16		
070-012893A	1P070	2	34.56		400		7/16		
070-012893A	1P070	3	34.56		400		7/16		
070-031593A	1P070	1		See Comments					
083-011990A	1P083	1	28.2			10.14	7/16	40.5	
083-011990A	1P083	2	28.2			10.14	7/16	40.5	
083-011990A	1P083	3	28.2			10.14	7/16	40.5	
083-012090A	1P083	1	28.2			10.7	7/16	40.5	
083-012090A	1P083	2	28.2			10.7	7/16	40.5	
083-012090A	1P083	3	28.2			10.7	7/16	40.5	
088-031193A	1P088	1	16.16		410	6.26	7/16	49.7	
088-031193A	1P088	2	16.16		410	6.26	7/16	49.7	
088-031193A	1P088	3	16.16		410	6.26	7/16	49.7	
088-031193B	1P088	1	16.16		410	6.26	7/16	49.7	
088-031193B	1P088	2	16.16		410	6.26	7/16	49.7	
088-031193B	1P088	3	16.16		410	6.26	7/16	49.7	
088-120992D	1P088	1	16.3		410	4.5	7/16	33.8	
088-120992D	1P088	2	16.3		410	4.5	7/16	33.8	
088-120992D	1P088	3	16.3		410	4.5	7/16	33.8	
088-120992E	1P088	1	16.3		410	4.6	7/16	33.8	
088-120992E	1P088	2	16.3		410	4.6	7/16	33.8	
088-120992E	1P088	3	16.3		410	4.6	7/16	33.8	
088-121092A	1P088	1	16.66		410	4.5	7/16	37.7	
088-121092A	1P088	2	16.66		410	4.5	7/16	37.7	
088-121092A	1P088	3	16.66		410	4.5	7/16	37.7	
088-121092C	1P088	1	16.66		410	4.5	7/16	40.2	
088-121092C	1P088	2	16.66		410	4.5	7/16	40.2	
088-121092C	1P088	3	16.66		410	4.5	7/16	40.2	
088-121588C	2P088	1	13.16		420	5.45	7/16		
088-121588C	2P088	2	13.16		420	5.45	7/16		

OSB - PRESS B TABLE, Page 1b

Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3	% Species 3	Type Adhesive 1	Application Rate 1 (Units)	Type Adhesive 2
SPRUCE	50	UFIR	50			PF	2.2%	
SPRUCE	50	UFIR	50			PF	2.2%	
SPRUCE	50	UFIR	50			PF	1.85%	
SPRUCE	50	UFIR	50			PF	1.85%	
SPRUCE	50	UFIR	50			PF	2.0%	
SPRUCE	50	UFIR	50			PF	2.0%	
SPRUCE	50	UFIR	50			PF	2.0%	
POPLAR	100					PF		
POPLAR	100					PF		
POPLAR	100					PF		
PINE SP	85	HWOOD	15			PF		
PINE SP	85	HWOOD	15			PF		
PINE SP	85	HWOOD	15			PF		
PINE SP	85	HWOOD	15			PF		
PINE SP	85	HWOOD	15			PF		
PINE SP	85	HWOOD	15			PF		
ASPEN	95	PINE SP	5			MDI	292 lb/hr	PF
ASPEN	95	PINE SP	5			MDI	292 lb/hr	PF
ASPEN	95	PINE SP	5			MDI	292 lb/hr	PF
ASPEN	95	PINE SP	5			MDI	285 lb/hr	PF
ASPEN	95	PINE SP	5			MDI	285 lb/hr	PF
ASPEN	95	PINE SP	5			MDI	285 lb/hr	PF
HWOOD	95	SWOOD	5			MDI	220 lb/hr	PF
HWOOD	95	SWOOD	5			MDI	220 lb/hr	PF
HWOOD	95	SWOOD	5			MDI	220 lb/hr	PF
HWOOD	95	SWOOD	5			MDI	350 lb/hr	PF
HWOOD	95	SWOOD	5			MDI	350 lb/hr	PF
HWOOD	95	SWOOD	5			MDI	350 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	PINE SP	5			MDI	700 lb/hr	PF
HWOOD	95	SWOOD	5			MDI	287 lb/hr	PF
HWOOD	95	SWOOD	5			MDI	287 lb/hr	PF

OSB - PRESS B TABLE, Page 1c

Test Code	Run	Application Rate 2	Core & Surface Different?	Formaldehyde Mole Ratio	% Free Formaldehyde	Any Catalyst or Scavenger?	Wax Application Rate (Units)
044-062392A	1		N			N	1.2%
044-062392A	2		N			N	1.2%
044-062392B	1		N			N	1.1%
044-062392B	2		N			N	1.1%
044-092393A	1		N			N	1.0%
044-092393A	2		N			N	1.0%
044-092393A	3		N			N	1.0%
069-062492A	1		N		0.5		
069-062492A	2		N		0.5		
069-062492A	3		N		0.5		
070-012793A	1						
070-012793A	2						
070-012793A	3						
070-012893A	1						
070-012893A	2						
070-012893A	3						
070-031593A	1						
083-011990A	1	491.1 lb/hr					396 lb/hr
083-011990A	2	491.1 lb/hr					396 lb/hr
083-011990A	3	491.1 lb/hr					396 lb/hr
083-012090A	1	503 lb/hr					318 lb/hr
083-012090A	2	503 lb/hr					318 lb/hr
083-012090A	3	503 lb/hr					318 lb/hr
088-031193A	1	435 lb/hr					326 lb/hr
088-031193A	2	435 lb/hr					326 lb/hr
088-031193A	3	435 lb/hr					326 lb/hr
088-031193B	1	435 lb/hr					326 lb/hr
088-031193B	2	435 lb/hr					326 lb/hr
088-031193B	3	435 lb/hr					326 lb/hr
088-120992D	1	429 lb/hr					270 lb/hr
088-120992D	2	429 lb/hr					270 lb/hr
088-120992D	3	429 lb/hr					270 lb/hr
088-120992E	1	429 lb/hr					270 lb/hr
088-120992E	2	429 lb/hr					270 lb/hr
088-120992E	3	429 lb/hr					270 lb/hr
088-121092A	1	429 lb/hr					270 lb/hr
088-121092A	2	429 lb/hr					270 lb/hr
088-121092A	3	429 lb/hr					270 lb/hr
088-121092C	1	429 lb/hr					270 lb/hr
088-121092C	2	429 lb/hr					270 lb/hr
088-121092C	3	429 lb/hr					270 lb/hr
088-121588C	1	287 lb/hr					160 lb/hr
088-121588C	2	287 lb/hr					160 lb/hr

OSB - PRESS B TABLE, Page 1d

Other Additives?	Comments
	Comparison of board thickness and resin rates available.
	Comparison of board thickness and resin rates available.
	Comparison of board thickness and resin rates available.
	Comparison of board thickness and resin rates available.
	3 Vents tested simultaneously.
	3 Vents tested simultaneously.
	3 Vents tested simultaneously.
	3 Vents tested simultaneously.
	3 Vents tested simultaneously.
	3 Vents tested simultaneously.
	No test data, 1 of 3 vents tested, record included because particle size data available in report.
	Comparison of Exxon wax available, Exxon slack wax.
	Comparison of Exxon wax available, Exxon slack wax.
	Comparison of Exxon wax available, Exxon slack wax.
	Comparison of Exxon wax available, Exxon 3504 base wax.
	Comparison of Exxon wax available, Exxon 3504 base wax.
	Comparison of Exxon wax available, Exxon 3504 base wax.
	Comparison of MDI application rates available.
	Comparison of MDI application rates available.
	Comparison of MDI application rates available.
	Comparison of MDI application rates available.
	Comparison of MDI application rates available.
	Comparison of MDI application rates available.
	Press & unloader tested simultaneously; press and unloader emissions separated, not summed.
	Press & unloader tested simultaneously; press and unloader emissions separated, not summed.

OSB - PRESS B TABLE, Page 2a

Test Code	Unit Code	Run	Production Rate MSF 3/8/hr	Production Rate Other-(Units)	Press Temp. (F)	Press Cycle Time (min.)	Nominal Thickness (inches)	Board Density (lb/ft3)	Moisture Content (%)
088-121588C	2P088	3	13.16		420	5.45	7/16		
096-012893A	2P096	1	20.15		210	3.71	7/16	36.95	
096-012893A	2P096	2	20.15		210	3.71	7/16	36.95	
096-012893A	2P096	3	20.15		210	3.71	7/16	36.95	
096-012893B	2P096	1	20.15		210	3.71	7/16	36.95	
096-012893B	2P096	2	20.15		210	3.71	7/16	36.95	
096-012893B	2P096	3	20.15		210	3.71	7/16	36.95	
096-012893C	2P096	1	20.15		210	3.71	7/16	36.95	
096-012893C	2P096	2	20.15		210	3.71	7/16	36.95	
096-012893C	2P096	3	20.15		210	3.71	7/16	36.95	
096-012993A	2P096	1	19.59		210	8.7	7/16	36.19	
096-012993A	2P096	2	19.59		210	8.7	7/16	36.19	
096-012993A	2P096	3	19.59		210	8.7	7/16	36.19	
096-060490A	1P096	1	12.25				23/32		
096-060490A	1P096	2	12.25				23/32		
096-060490A	1P096	3	12.25				23/32		
096-060490B	1P096	1	12.25		394	18.5	23/32	34.9	
096-060490C	1P096	1	11.15				7/16		
096-060490C	1P096	2	11.15				7/16		
096-060490C	1P096	3	11.15				7/16		
096-060590E	1P096	1	17.28				7/16		
096-060590E	1P096	2	17.28				7/16		
096-060590E	1P096	3	17.28				7/16		
096-060590F	1P096	1	18.84				23/32		
096-060590F	1P096	2	18.84				23/32		
096-060590F	1P096	3	18.84				23/32		
096-060690B	1P096	1	19.74		410	31.3	9/8	33.7	
096-060690B	1P096	2	19.74		410	31.3	9/8	33.7	
096-060690B	1P096	3	19.74		410	31.3	9/8	33.7	
096-060690C	1P096	1	12.29		410	31.3	9/8	34.2	
096-060690C	1P096	2	12.29		410	31.3	9/8	34.2	
096-060690C	1P096	3	12.29		410	31.3	9/8	34.2	
096-060790A	1P096	1	12.53		410	14.7	7/16	38.0	
096-060790A	1P096	2	12.53		410	14.7	7/16	38.0	
096-060790A	1P096	3	12.53		410	14.7	7/16	38.0	
096-060790B	1P096	1	17.45		410	9.72	7/16	36.1	
096-060790B	1P096	2	17.45		410	9.72	7/16	36.1	
096-060790B	1P096	3	17.45		410	9.72	7/16	36.1	
096-060890A	1P096	1	11.99		410	26.6	23/32	36.8	
096-060890A	1P096	2	11.99		410	26.6	23/32	36.8	
096-060890A	1P096	3	11.99		410	26.6	23/32	36.8	
096-060890B	1P096	1	19.47		410	18.9	23/32	34.7	
096-060890B	1P096	2	19.47		410	18.9	23/32	34.7	

OSB - PRESS B TABLE, Page 2b

Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3	% Species 3	Type Adhesive 1	Application Rate 1 (Units)	Type Adhesive 2
HWOOD	95	SWOOD	5			MDI	287 lb/hr	PF
						MDI	279 lb/hr	PF
						MDI	279 lb/hr	PF
						MDI	279 lb/hr	PF
						MDI	279 lb/hr	PF
						MDI	279 lb/hr	PF
						MDI	279 lb/hr	PF
						MDI	279 lb/hr	PF
						MDI	279 lb/hr	PF
						MDI	279 lb/hr	PF
						MDI	286 lb/hr	PF
						MDI	286 lb/hr	PF
						MDI	286 lb/hr	PF
ASPEN	100					MDI	1.74%	PF
ASPEN	100					MDI	1.74%	PF
ASPEN	100					MDI	1.74%	PF
ASPEN	100					MDI	1.74%	PF
ASPEN	100					MDI	1.80%	PF
ASPEN	100					MDI	1.80%	PF
ASPEN	100					MDI	1.80%	PF
ASPEN	100					MDI	1.84%	PF
ASPEN	100					MDI	1.84%	PF
ASPEN	100					MDI	1.84%	PF
ASPEN	100					MDI	1.79%	PF
ASPEN	100					MDI	1.79%	PF
ASPEN	100					MDI	1.79%	PF
ASPEN	60	PINE SP	40			MDI	1.75%	PF
ASPEN	60	PINE SP	40			MDI	1.75%	PF
ASPEN	60	PINE SP	40			MDI	1.75%	PF
ASPEN	60	PINE SP	40			MDI	1.75%	PF
ASPEN	60	PINE SP	40			MDI	1.75%	PF
ASPEN	60	PINE SP	40			MDI	1.75%	PF
PINE SP	100					MDI	1.56%	PF
PINE SP	100					MDI	1.56%	PF
PINE SP	100					MDI	1.56%	PF
PINE SP	100					MDI	1.85%	PF
PINE SP	100					MDI	1.85%	PF
PINE SP	100					MDI	1.85%	PF
PINE SP	100					MDI	1.69%	PF
PINE SP	100					MDI	1.69%	PF
PINE SP	100					MDI	1.69%	PF
PINE SP	100					MDI	1.73%	PF
PINE SP	100					MDI	1.73%	PF

OSB - PRESS B TABLE, Page 2c

Test Code	Run	Application Rate 2	Core & Surface Different?	Formaldehyde Mole Ratio	% Free Formaldehyde	Any Catalyst or Scavenger?	Wax Application Rate (Units)
088-121588C	3	287 lb/hr					160 lb/hr
096-012893A	1	466 lb/hr	N				247 lb/hr
096-012893A	2	466 lb/hr	N				247 lb/hr
096-012893A	3	466 lb/hr	N				247 lb/hr
096-012893B	1	466 lb/hr	N				247 lb/hr
096-012893B	2	466 lb/hr	N				247 lb/hr
096-012893B	3	466 lb/hr	N				247 lb/hr
096-012893C	1	466 lb/hr	N				247 lb/hr
096-012893C	2	466 lb/hr	N				247 lb/hr
096-012893C	3	466 lb/hr	N				247 lb/hr
096-012993A	1	443 lb/hr	N				239 lb/hr
096-012993A	2	443 lb/hr	N				239 lb/hr
096-012993A	3	443 lb/hr	N				239 lb/hr
096-060490A	1	2.45%					
096-060490A	2	2.45%					
096-060490A	3	2.45%					
096-060490B	1	2.45%	N				
096-060490C	1	2.51%					
096-060490C	2	2.51%					
096-060490C	3	2.51%					
096-060590E	1	2.31%					
096-060590E	2	2.31%					
096-060590E	3	2.31%					
096-060590F	1	2.26%					
096-060590F	2	2.26%					
096-060590F	3	2.26%					
096-060690B	1	2.20%	N				
096-060690B	2	2.20%	N				
096-060690B	3	2.20%	N				
096-060690C	1	2.20%	N				
096-060690C	2	2.20%	N				
096-060690C	3	2.20%	N				
096-060790A	1	2.17%	N				
096-060790A	2	2.17%	N				
096-060790A	3	2.17%	N				
096-060790B	1	2.33%	N				
096-060790B	2	2.33%	N				
096-060790B	3	2.33%	N				
096-060890A	1	2.36%	N				
096-060890A	2	2.36%	N				
096-060890A	3	2.36%	N				
096-060890B	1	2.17%	N				
096-060890B	2	2.17%	N				

OSB - PRESS B TABLE, Page 2d

Other Additives?	Comments
	Press & unloader tested simultaneously; press and unloader emissions separated, not summed.
	Press and unloader have common stack. 1.2% MDI; 2.00% PF; 1.06% Wax.
	Press and unloader have common stack. 1.2% MDI; 2.00% PF; 1.06% Wax.
	Press and unloader have common stack. 1.2% MDI; 2.00% PF; 1.06% Wax.
	Press and unloader have common stack.
	Press and unloader have common stack.
	Press and unloader have common stack.
	Press and unloader have common stack.
	Press and unloader have common stack.
	Press and unloader have common stack.
	Press and unloader have common stack. 1.29% MDI; 2.00% PF; 1.08% Wax.
	Press and unloader have common stack. 1.29% MDI; 2.00% PF; 1.08% Wax.
	Press and unloader have common stack. 1.29% MDI; 2.00% PF; 1.08% Wax.
	MDI 233 lb/hr; PF 326.7 lb/hr.
	MDI 233 lb/hr; PF 326.7 lb/hr.
	MDI 233 lb/hr; PF 326.7 lb/hr.
	MDI 233 lb/hr; PF 326.7 lb/hr.
	MDI 233 lb/hr; PF 326.7 lb/hr.
	MDI 233 lb/hr; PF 326.7 lb/hr.
	MDI 233 lb/hr; PF 326.7 lb/hr.
	MDI 364 lb/hr; PF 458 lb/hr.
	MDI 364 lb/hr; PF 458 lb/hr.
	MDI 364 lb/hr; PF 458 lb/hr.
	MDI 364 lb/hr; PF 458 lb/hr.
	MDI 364 lb/hr; PF 458 lb/hr.
	MDI 364 lb/hr; PF 458 lb/hr.
	MDI 364 lb/hr; PF 458 lb/hr.
	MDI 364 lb/hr; PF 458 lb/hr.
	MDI 233 lb/hr, PF 327 lb/hr.
	MDI 233 lb/hr, PF 327 lb/hr.
	MDI 233 lb/hr, PF 327 lb/hr.
	MDI 233 lb/hr, PF 327 lb/hr.
	MDI 233 lb/hr, PF 327 lb/hr.
	MDI 233 lb/hr, PF 327 lb/hr.
	MDI 364 lb/hr, PF 458 lb/hr.
	MDI 364 lb/hr, PF 458 lb/hr.
	MDI 364 lb/hr, PF 458 lb/hr.
	MDI 233 lb/hr, PF 327 lb/hr.
	MDI 233 lb/hr, PF 327 lb/hr.
	MDI 233 lb/hr, PF 327 lb/hr.
	MDI 364 lb/hr, PF 458 lb/hr.
	MDI 364 lb/hr, PF 458 lb/hr.

OSB - PRESS B TABLE, Page 3a

Test Code	Unit Code	Run	Production Rate MSF 3/8/hr	Production Rate Other-(Units)	Press Temp. (F)	Press Cycle Time (min.)	Nominal Thickness (inches)	Board Density (lb/ft3)	Moisture Content (%)
096-060890B	1P096	3	19.47		410	18.9	23/32	34.7	
096-092790A	1P096	1	14.7		410	9.7	7/16	37.9	
096-092790A	1P096	2	14.7		410	9.7	7/16	37.9	
096-092790A	1P096	3	14.7		410	9.7	7/16	37.9	
096-092790B	1P096	1	16.2		410	20.6	1 1/8	34.0	
096-092790B	1P096	2	16.2		410	20.6	1 1/8	34.0	
096-092790B	1P096	3	16.2		410	20.6	1 1/8	34.0	
127-082090A	1P127	1	31.68		400	7.6	3/4	39.0	6
127-082090A	1P127	2	31.68		400	7.6	3/4	39.0	6
127-082090A	1P127	3	31.68		400	7.6	3/4	39.0	6
127-092289C	1P127	1	31.26		400	7.6	3/4	39.0	6
127-092289C	1P127	2	31.26		400	7.6	3/4	39.0	6
127-092289C	1P127	3	31.26		400	7.6	3/4	39.0	6
174-041191C	1P174	1	36.3			3.95	7/16		
174-041191C	1P174	2	36.3			3.95	7/16		
174-041191C	1P174	3	36.3			3.95	7/16		
210-021292A	1P210	1	17.5		401	4.57	7/16	40.3	
210-021292A	1P210	2	17.5		401	4.57	7/16	40.3	
210-021292A	1P210	3	17.5		401	4.57	7/16	40.3	
210-021292B	1P210	1	17.5		401	4.57	7/16	40.3	
210-021292B	1P210	2	17.5		401	4.57	7/16	40.3	
210-021292B	1P210	3	17.5		401	4.57	7/16	40.3	
210-021292C	1P210	1	16.8		401	2.1	7/16	40.4	
210-021292C	1P210	2	16.8		401	2.1	7/16	40.4	
210-021292C	1P210	3	16.8		401	2.1	7/16	40.4	
210-021292D	1P210	1	16.8		401	4.57	7/16	40.4	
210-021292D	1P210	2	16.8		401	4.57	7/16	40.4	
210-021292D	1P210	3	16.8		401	4.57	7/16	40.4	
210-022389A	1P210	1	15.8		205	2.2	7/16	39.7	5
210-022389A	1P210	2	15.8		205	2.2	7/16	39.7	5
210-022389A	1P210	3	15.8		205	2.2	7/16	39.7	5
211-022592A	1P211	1	45.43		400	3.54	7/16	43.25	
211-022592A	1P211	2	45.43		400	3.54	7/16	43.25	
211-022592A	1P211	3	45.43		400	3.54	7/16	43.25	
211-022592B	1P211	1	45.43		400	3.54	7/16	43.25	
211-022592B	1P211	2	45.43		400	3.54	7/16	43.25	
211-022592B	1P211	3	45.43		400	3.54	7/16	43.25	

OSB - PRESS B TABLE, Page 3b

Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3	% Species 3	Type Adhesive 1	Application Rate 1 (Units)	Type Adhesive 2
PINE SP	100					MDI	1.73%	PF
ASPEN	100					MDI	2.1%	
ASPEN	100					MDI	2.1%	
ASPEN	100					MDI	2.1%	
ASPEN	80	PINE SP	20			MDI	2.1%	
ASPEN	80	PINE SP	20			MDI	2.1%	
ASPEN	80	PINE SP	20			MDI	2.1%	
ASPEN	100					PF	3.3%	
ASPEN	100					PF	3.3%	
ASPEN	100					PF	3.3%	
ASPEN	100					PF	3.3%	
ASPEN	100					PF	3.3%	
ASPEN	100					PF	3.3%	
PINE SP	60	HWOOD	40					
PINE SP	60	HWOOD	40					
PINE SP	60	HWOOD	40					
ASPEN	100					MDI	745 lb/hr	
ASPEN	100					MDI	745 lb/hr	
ASPEN	100					MDI	745 lb/hr	
ASPEN	100					MDI	745 lb/hr	
ASPEN	100					MDI	745 lb/hr	
ASPEN	100					MDI	745 lb/hr	
ASPEN	100					MDI	749 lb/hr	
ASPEN	100					MDI	749 lb/hr	
ASPEN	100					MDI	749 lb/hr	
ASPEN	100					MDI	749 lb/hr	
ASPEN	100					MDI	749 lb/hr	
ASPEN	100					MDI	749 lb/hr	
ASPEN	100					MDI	3%	
ASPEN	100					MDI	3%	
ASPEN	100					MDI	3%	
HWOOD	100					MDI	547 lb/hr	PF
HWOOD	100					MDI	547 lb/hr	PF
HWOOD	100					MDI	547 lb/hr	PF
HWOOD	100					MDI	547 lb/hr	PF
HWOOD	100					MDI	547 lb/hr	PF
HWOOD	100					MDI	547 lb/hr	PF

OSB - PRESS B TABLE, Page 3c

Test Code	Run	Application Rate 2	Core & Surface Different?	Formaldehyde Mole Ratio	% Free Formaldehyde	Any Catalyst or Scavenger?	Wax Application Rate (Units)
096-060890B	3	2.17%	N				
096-092790A	1		N				
096-092790A	2		N				
096-092790A	3		N				
096-092790B	1		N				
096-092790B	2		N				
096-092790B	3		N				
127-082090A	1		N		0.25	Y	
127-082090A	2		N		0.25	Y	
127-082090A	3		N		0.25	Y	
127-092289C	1		N		0.5	Y	.1%
127-092289C	2		N		0.5	Y	.1%
127-092289C	3		N		0.5	Y	.1%
174-041191C	1						
174-041191C	2						
174-041191C	3						
210-021292A	1		N				191 lb/hr
210-021292A	2		N				191 lb/hr
210-021292A	3		N				191 lb/hr
210-021292B	1		N				191 lb/hr
210-021292B	2		N				191 lb/hr
210-021292B	3		N				191 lb/hr
210-021292C	1		N				159 lb/hr
210-021292C	2		N				159 lb/hr
210-021292C	3		N				159 lb/hr
210-021292D	1		N				159 lb/hr
210-021292D	2		N				159 lb/hr
210-021292D	3		N				159 lb/hr
210-022389A	1		N				1%
210-022389A	2		N				1%
210-022389A	3		N				1%
211-022592A	1	863 lb/hr	N				331 lb/hr
211-022592A	2	863 lb/hr	N				331 lb/hr
211-022592A	3	863 lb/hr	N				331 lb/hr
211-022592B	1	863 lb/hr	N				331 lb/hr
211-022592B	2	863 lb/hr	N				331 lb/hr
211-022592B	3	863 lb/hr	N				331 lb/hr

OSB - PRESS B TABLE, Page 3d

Other Additives?	Comments
	MDI 364 lb/hr, PF 458 lb/hr.
	Press and unloader treated as single source; MDI, application rate 365 lb/hr; comparison of board thickness on MDI emissions available.
	Press and unloader treated as single source; MDI, application rate 365 lb/hr; comparison of board thickness on MDI emissions available.
	Press and unloader treated as single source; MDI, application rate 365 lb/hr; comparison of board thickness on MDI emissions available.
	Press and unloader treated as single source; MDI, application rate 365 lb/hr; comparison of board thickness on MDI emissions available.
	Press and unloader treated as single source; MDI, application rate 365 lb/hr; comparison of board thickness on MDI emissions available.
	Press and unloader treated as single source; MDI, application rate 365 lb/hr; comparison of board thickness on MDI emissions available.
	3 vents into 1 common stack.
	3 vents into 1 common stack.
	3 vents into 1 common stack.
	3 vents into 1 common stack.
	3 vents into 1 common stack.
	3 vents into 1 common stack.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and Unloader Vents were treated as one stack. Each run was split into two vent sampling.
	Press and unloader vent to a single stack.
	Press and unloader vent to a single stack.
	Press and unloader vent to a single stack.
	Press and unloader vent to a single stack.
	Press and unloader vent to a single stack.
	Press and unloader vent to a single stack.

OSB - PRESS B TABLE, Page 4a

Test Code	Unit Code	Run	Production Rate MSF 3/8/hr	Production Rate Other-(Units)	Press Temp. (F)	Press Cycle Time (min.)	Nominal Thickness (inches)	Board Density (lb/ft3)	Moisture Content (%)
211-022692A	1P211	1	45.43		400	3.54	7/16	43.25	
211-022692A	1P211	2	45.43		400	3.54	7/16	43.25	
211-022692A	1P211	3	45.43		400	3.54	7/16	43.25	
211-022692B	1P211	1	45.43		400	3.54	7/16	43.25	
211-022692B	1P211	2	45.43		400	3.54	7/16	43.25	
211-022692B	1P211	3	45.43		400	3.54	7/16	43.25	
212-100991A	1P212	1	17.69			6.48	7/16	43.7	
212-100991A	1P212	2	17.69			6.48	7/16	43.7	
212-100991A	1P212	3	17.69			6.48	7/16	43.7	
225-020692A	2P225	1	14.4		400	4.6	15/32	35.88	
225-020692A	2P225	2	14.4		400	4.6	15/32	35.88	
225-020692A	2P225	3	14.4		400	4.6	15/32	35.88	
225-020692B	2P225	1	14.4		400	4.6	15/32	35.88	
225-020692B	2P225	2	14.4		400	4.6	15/32	35.88	
225-020692B	2P225	3	14.4		400	4.6	15/32	35.88	
225-020692C	2P225	1	14.4		400	4.6	15/32	35.88	
225-020692C	2P225	2	14.4		400	4.6	15/32	35.88	
225-020692C	2P225	3	14.4		400	4.6	15/32	35.88	
225-020692D	2P225	1	14.4		400	4.6	15/32	35.88	
225-020692D	2P225	2	14.4		400	4.6	15/32	35.88	
225-020692D	2P225	3	14.4		400	4.6	15/32	35.88	
225-041990B	1P225	1	15.3			4.61	7/16	39.0	
225-041990B	1P225	2	15.3			4.61	7/16	39.0	
225-041990B	1P225	3	15.3			4.61	7/16	39.0	

OSB - PRESS B TABLE, Page 4b

Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3	% Species 3	Type Adhesive 1	Application Rate 1 (Units)	Type Adhesive 2
HWOOD	100					MDI	537 lb/hr	PF
HWOOD	100					MDI	537 lb/hr	PF
HWOOD	100					MDI	537 lb/hr	PF
HWOOD	100					MDI	537 lb/hr	PF
HWOOD	100					MDI	537 lb/hr	PF
HWOOD	100					MDI	537 lb/hr	PF
HWOOD	10	SWOOD	90					
HWOOD	10	SWOOD	90					
HWOOD	10	SWOOD	90					
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	162 lb/hr	PF
HWOOD	100					MDI	605 lb/hr	
HWOOD	100					MDI	605 lb/hr	
HWOOD	100					MDI	605 lb/hr	

OSB - PRESS B TABLE, Page 4c

Test Code	Run	Application Rate 2	Core & Surface Different?	Formaldehyde Mole Ratio	% Free Formaldehyde	Any Catalyst or Scavenger?	Wax Application Rate (Units)
211-022692A	1	870 lb/hr	N				317 lb/hr
211-022692A	2	870 lb/hr	N				317 lb/hr
211-022692A	3	870 lb/hr	N				317 lb/hr
211-022692B	1	870 lb/hr	N				317 lb/hr
211-022692B	2	870 lb/hr	N				317 lb/hr
211-022692B	3	870 lb/hr	N				317 lb/hr
212-100991A	1						
212-100991A	2						
212-100991A	3						
225-020692A	1	354 lb/hr					109 lb/hr
225-020692A	2	354 lb/hr					109 lb/hr
225-020692A	3	354 lb/hr					109 lb/hr
225-020692B	1	354 lb/hr					109 lb/hr
225-020692B	2	354 lb/hr					109 lb/hr
225-020692B	3	354 lb/hr					109 lb/hr
225-020692C	1	354 lb/hr					109 lb/hr
225-020692C	2	354 lb/hr					109 lb/hr
225-020692C	3	354 lb/hr					109 lb/hr
225-020692D	1	354 lb/hr					109 lb/hr
225-020692D	2	354 lb/hr					109 lb/hr
225-020692D	3	354 lb/hr					109 lb/hr
225-041990B	1		N				128.4 lb/hr
225-041990B	2		N				128.4 lb/hr
225-041990B	3		N				128.4 lb/hr

OSB - PRESS B TABLE, Page 4d

Other Additives?	Comments
	Press and unloader vent to a single stack.
	Press and unloader vent to a single stack.
	Press and unloader vent to a single stack.
	Press and unloader vent to a single stack.
	Press and unloader vent to a single stack.
	Press and unloader vent to a single stack.
	Includes Press & Unloader; 2 exhaust fans.
	of F.P. Wax 0.67% of F.P.
	of F.P. Wax 0.67% of F.P.
	of F.P. Wax 0.67% of F.P.
	of F.P. Wax 0.67% of F.P.
	of F.P. Wax 0.67% of F.P.
	of F.P. Wax 0.67% of F.P.
	of F.P. Wax 0.67% of F.P.
	of F.P. Wax 0.67% of F.P.
	of F.P. Wax 0.67% of F.P.
	of F.P. Wax 0.67% of F.P.
	Press and unloader treated separately.
	Press and unloader treated separately.
	Press and unloader treated separately.

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OSB - UNLOADER B TABLE, Page 1b

Type Adhesive 2	Application Rate 2 (Units)	Wax Application Rate (Units)	Comments
PF	491.1 lb/hr		Exxon slack wax.
PF	491.1 lb/hr		Exxon slack wax.
PF	491.1 lb/hr		Exxon slack wax.
PF	503 lb/hr		Exxon 3504 base wax.
PF	503 lb/hr		Exxon 3504 base wax.
PF	503 lb/hr		Exxon 3504 base wax.
PF			Emissions from unloader only.
PF			Emissions from unloader only.
PF			Emissions from unloader only.
PF			Emissions from unloader only.
PF			Emissions from unloader only.
		1%	
		1%	
		1%	
		124 lb/hr	
		124 lb/hr	
		124 lb/hr	

OSB - UNLOADER B TABLE, Page 1a of 1(a-b)

Test Code	Unit Code	Run	Production Rate MSF 3/8/Hr	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Type Adhesive 1	Application Rate 1 (Units)
083-011990A	1U083	1	28.2	ASPEN	95	PINE SP	5	MDI	292 lb/hr
083-011990A	1U083	2	28.2	ASPEN	95	PINE SP	5	MDI	292 lb/hr
083-011990A	1U083	3	28.2	ASPEN	95	PINE SP	5	MDI	292 lb/hr
083-012090A	1U083	1	28.2	ASPEN	95	PINE SP	5	MDI	285 lb/hr
083-012090A	1U083	2	28.2	ASPEN	95	PINE SP	5	MDI	285 lb/hr
083-012090A	1U083	3	28.2	ASPEN	95	PINE SP	5	MDI	285 lb/hr
088-121588B	1U088	1	13.16	HWOOD	95	PINE SP	5	MDI	
088-121588B	1U088	2	13.16	HWOOD	95	PINE SP	5	MDI	
088-121588B	1U088	3	13.16	HWOOD	95	PINE SP	5	MDI	
088-121588D	1U088	1	13.16	HWOOD	95	PINE SP	5	MDI	
088-121588D	1U088	2	13.16	HWOOD	95	PINE SP	5	MDI	
210-022389B	1U210	1	15.8	ASPEN	100			MDI	3%
210-022389B	1U210	2	15.8	ASPEN	100			MDI	3%
210-022389B	1U210	3	15.8	ASPEN	100			MDI	3%
212-100991B	1U212	1	17.69	HWOOD	10	SWOOD	90	PF	503 lb/hr
212-100991B	1U212	2	17.69	HWOOD	10	SWOOD	90	PF	503 lb/hr
212-100991B	1U212	3	17.69	HWOOD	10	SWOOD	90	PF	503 lb/hr
225-041990C	1U225	1	14.8	HWOOD	100			MDI	585 lb/hr
225-041990C	1U225	2	14.8	HWOOD	100			MDI	585 lb/hr
225-041990C	1U225	3	14.8	HWOOD	100			MDI	585 lb/hr

OSB - UNLOADER B TABLE, Page 1b

Type Adhesive 2	Application Rate 2 (Units)	Wax Application Rate (Units)	Comments
PF	491.1 lb/hr		Exxon slack wax.
PF	491.1 lb/hr		Exxon slack wax.
PF	491.1 lb/hr		Exxon slack wax.
PF	503 lb/hr		Exxon 3504 base wax.
PF	503 lb/hr		Exxon 3504 base wax.
PF	503 lb/hr		Exxon 3504 base wax.
PF			Emissions from unloader only.
PF			Emissions from unloader only.
PF			Emissions from unloader only.
PF			Emissions from unloader only.
PF			Emissions from unloader only.
		1%	
		1%	
		1%	
		124 lb/hr	
		124 lb/hr	
		124 lb/hr	

OSB - CARBON MONOXIDE TABLE, Page 1a of 4(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
041-052192B	XD041	1	CO	M10	OUT	307		166	9.67
041-052192B	XD041	2	CO	M10	OUT	143		40.3	1.9
041-052192B	XD041	3	CO	M10	OUT	169		53.03	3.07
044-062392A	1P044	1	CO	M10	OUT			4.82	
044-062392A	1P044	2	CO	M10	OUT			3.17	
044-092193A	XD044	1	CO	M10	IN			227.04	
044-092193A	XD044	2	CO	M10	IN			317.24	
044-092193A	XD044	3	CO	M10	IN			192.13	
044-092193B	XD044	1	CO	M10	OUT			39.6	
044-092193B	XD044	2	CO	M10	OUT			81.6	
044-092193B	XD044	3	CO	M10	OUT			79.08	
052-011493B	XD052	1	CO	M10	OUT	1050		719.9	21.36
052-011493B	XD052	2	CO	M10	OUT	250		163.8	4.38
052-011493B	XD052	3	CO	M10	OUT	1000		659.9	17.14
069-071592A	1D069	1	CO	M10	OUT	478		70.3	
069-071592A	1D069	2	CO	M10	OUT	395		58	
069-071592A	1D069	3	CO	M10	OUT	317		46.6	
069-071692A	2D069	1	CO	M10	OUT	215		32.9	
069-071692A	2D069	2	CO	M10	OUT	199		30.4	
070-031992B	2D070	1	CO	M10B	OUT	446		51.64	4.92
070-031992B	2D070	2	CO	M10B	OUT	420		49	4.67
070-031992B	2D070	3	CO	M10B	OUT	423		51.05	4.86
070-042392B	1D070	2	CO	M10B	OUT	180		24.8	2.36
070-042392B	1D070	3	CO	M10B	OUT	187		25.3	2.41
070-042392B	1D070	4	CO	M10B	OUT	44		6.4	0.61
070-042492B	3D070	1	CO	M10B	OUT	257		35	3.13
070-042492B	3D070	2	CO	M10B	OUT	286		41.4	3.7
070-042492B	3D070	3	CO	M10B	OUT	284		41.9	3.74
070-062891A	1D070	1	CO	M3	IN	346		40.4	3.66
070-062891A	1D070	2	CO	M3	IN	358		42.3	3.95
070-062891A	1D070	3	CO	M3	IN	460		52.9	4.83
070-062891B	1D070	1	CO	M3	OUT	273		35.1	3.18
070-062891B	1D070	2	CO	M3	OUT	321		40.3	3.76
070-062891B	1D070	3	CO	M3	OUT	431		51.9	4.74
070-102192B	3D070	1	CO	?	OUT	188		30.93	3.44

OSB - CARBON MONOXIDE TABLE, Page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.155			
	0.102			
				Wet production rate available, see reports table.
				Wet production rate available, see reports table.
				Wet production rate available, see reports table.
				Wet production rate available, see reports table.
				Wet production rate available, see reports table.
				Wet production rate available, see reports table.
				4 Dryers with common stack.
				4 Dryers with common stack.
				4 Dryers with common stack.
				NOT REFERENCE METHOD; Method not named and assumed to be from orsat.
				NOT REFERENCE METHOD; Method not named and assumed to be from orsat.
				NOT REFERENCE METHOD; Method not named and assumed to be from orsat.
				NOT REFERENCE METHOD; Method not named and assumed to be from orsat.
				NOT REFERENCE METHOD; Method not named and assumed to be from orsat.
				NOT REFERENCE METHOD; Method not named and assumed to be from orsat.
				Comparison of carbon monoxide generated in boiler vs. dryer. Boiler XB070's combustion gasses directly heat dryer 3D070.

OSB - CARBON MONOXIDE TABLE, Page 2a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
070-102192B	3D070	2	CO	?	OUT	146		23.45	2.61
070-102192B	3D070	3	CO	?	OUT	130		21.46	2.38
088-120892A	1D088	1	CO	M10	OUT	206		31	2.7
088-120892A	1D088	2	CO	M10	OUT	221		34	2.96
088-120892A	1D088	3	CO	M10	OUT	249		28	2.43
088-121092A	1P088	1	CO	M10	OUT	3		1.1	
088-121092A	1P088	2	CO	M10	OUT	5		1.8	
088-121092A	1P088	3	CO	M10	OUT	4		1.4	
096-012793A	2D096	1	CO	M10	OUT	666		93	7.32
096-012793A	2D096	2	CO	M10	OUT	641		90.3	7.09
096-012793A	2D096	3	CO	M10	OUT	713		98.6	7.8
096-060490A	1P096	1	CO	M10	OUT	9		1.11	
096-060490A	1P096	2	CO	M10	OUT	12		1.44	
096-060490A	1P096	3	CO	M10	OUT	13		1.59	
096-060490C	1P096	1	CO	M10	OUT	8		0.963	
096-060490C	1P096	2	CO	M10	OUT	18		2.23	
096-060490C	1P096	3	CO	M10	OUT	11		1.35	
096-060590A	1D096	1	CO	M10	OUT	32		4.61	0.596
096-060590A	1D096	2	CO	M10	OUT	31		4.46	0.576
096-060590A	1D096	3	CO	M10	OUT	34		4.84	0.625
096-060590C	1D096	1	CO	M10	OUT	93		12.6	1.08
096-060590C	1D096	2	CO	M10	OUT	200		27	2.31
096-060590C	1D096	3	CO	M10	OUT	128		17.3	1.48
096-060590E	1P096	1	CO	M10	OUT	7.9		0.994	
096-060590E	1P096	2	CO	M10	OUT	6.7		0.814	
096-060590E	1P096	3	CO	M10	OUT	7.3		0.911	
096-060590F	1P096	1	CO	M10	OUT	8		0.959	
096-060590F	1P096	2	CO	M10	OUT	6		0.699	
096-060590F	1P096	3	CO	M10	OUT	8		0.974	
096-060690B	1P096	1	CO	M10	OUT	8.7		1.02	
096-060690B	1P096	2	CO	M10	OUT	2.6		0.303	
096-060690B	1P096	3	CO	M10	OUT	6.6		0.798	
096-060690C	1P096	1	CO	M10	OUT	6.2		0.743	
096-060690C	1P096	2	CO	M10	OUT	7.8		0.965	
096-060690C	1P096	3	CO	M10	OUT	5.9		0.727	
096-060790A	1P096	1	CO	M10	OUT	4.1		0.49	
096-060790A	1P096	2	CO	M10	OUT	8.9		1.124	
096-060790A	1P096	3	CO	M10	OUT	7.3		0.856	
096-060790B	1P096	1	CO	M10	OUT	7.4		0.847	
096-060790B	1P096	2	CO	M10	OUT	9.3		1.107	
096-060790B	1P096	3	CO	M10	OUT	8.7		1.043	

OSB - CARBON MONOXIDE TABLE, Page 2b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				Comparison of carbon monoxide generated in boiler vs. dryer. Boiler XB070's combustion gasses directly heat dryer 3D070.
				Comparison of carbon monoxide generated in boiler vs. dryer. Boiler XB070's combustion gasses directly heat dryer 3D070.
	0.066			
	0.108			
	0.084			
	0.091			
	0.118			
	0.13			
	0.086			
	0.2			
	0.121			
	0.058			
	0.047			
	0.053			
	0.051			
	0.037			
	0.052			
	0.0517			
	0.0153			
	0.0404			
	0.0605			
	0.0785			
	0.0592			
	0.0391			
	0.0897			
	0.0689			
	0.0485			
	0.0634			
	0.0598			

OSB - CARBON MONOXIDE TABLE, Page 3a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
096-060790C	1D096	1	CO	M10	OUT	30.8		5.18	0.424
096-060790C	1D096	2	CO	M10	OUT	36		5.89	0.483
096-060790C	1D096	3	CO	M10	OUT	31.8		5.25	0.43
096-060890A	1P096	1	CO	M10	OUT	6.8		0.856	
096-060890A	1P096	2	CO	M10	OUT	3.3		0.397	
096-060890A	1P096	3	CO	M10	OUT	7.8		0.944	
096-060890B	1P096	1	CO	M10	OUT	6.8		0.853	
096-060890B	1P096	2	CO	M10	OUT	6.2		0.724	
096-060890B	1P096	3	CO	M10	OUT	6.1		0.754	
096-060890C	1D096	1	CO	M10	OUT	26.1		4.23	0.513
096-060890C	1D096	2	CO	M10	OUT	37.8		5.83	0.708
096-060890C	1D096	3	CO	M10	OUT	34.1		5.27	0.64
097-100590A	XD097	1	CO	M10	OUT	240		46.5	2.38
097-100590A	XD097	2	CO	M10	OUT	385		81.9	4.2
097-100590A	XD097	3	CO	M10	OUT	335		69.8	3.58
097-122089A	XD097	1	CO	M10	OUT	534		133	6.6
097-122089A	XD097	2	CO	M10	OUT	720		176	8.73
097-122089A	XD097	3	CO	M10	OUT	534		129	6.4
127-082190A	1D127	1	CO	M10	OUT	100		7.9	1.27
127-082190A	1D127	2	CO	M10	OUT	99.8		7.9	1.27
127-082190A	1D127	3	CO	M10	OUT	113.6		9.2	1.48
127-091289A	2D127	1	CO	M10	OUT	594		48	9.4
127-091289A	2D127	2	CO	M10	OUT	518		42	8.2
127-091289A	2D127	3	CO	M10	OUT	570		47	9.2
127-102290A	1D127	1	CO	M10	OUT	235		18.7	3.84
127-102290A	1D127	2	CO	M10	OUT	68		5.28	1.08
127-102290A	1D127	3	CO	M10	OUT	205		15.7	3.22
210-013090A	1D210	1	CO	M10	OUT	164		21.4	1.95
210-013090A	1D210	2	CO	M10	OUT	174		22.7	2.07
210-013090A	1D210	3	CO	M10	OUT	189		24.6	2.24
210-021192A	1D210	1	CO	M10	OUT	810		113	8.2
210-021192A	1D210	2	CO	M10	OUT	1275		171	12.4
210-021192A	1D210	3	CO	M10	OUT	630		87.9	6.38
210-021292D	1P210	1	CO	M10	OUT	17		5.09	
210-021292D	1P210	2	CO	M10	OUT	11		3.37	
210-021292D	1P210	3	CO	M10	OUT	6		1.73	
210-022489A	1D210	1	CO	M10	OUT			89	7.65
210-022489A	1D210	2	CO	M10	OUT			74	6.38
210-022489A	1D210	3	CO	M10	OUT			78	6.72
210-042292A	1D210	1	CO	M10	OUT	518		66.6	4.8
210-042292A	1D210	2	CO	M10	OUT	688		86.4	6.23
210-042292A	1D210	3	CO	M10	OUT	657		82.2	5.93
210-042292E	1D210	1	CO	M10	OUT			29	2.42

OSB - CARBON MONOXIDE TABLE, Page 3b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.0714			
	0.0331			
	0.0787			
	0.0438			
	0.0372			
	0.0387			
				55.4 MMBtu/hr calculated from F-factors.
				60.7 MMBtu/hr calculated from F-factors.
				64.0 MMBtu/hr calculated from F-factors.
				Comparison of inlet temperature vs CO available this facility.
				Comparison of inlet temperature vs CO available this facility.
				Comparison of inlet temperature vs CO available this facility.
				Comparison of inlet temperature vs CO available this facility.
				Comparison of inlet temperature vs CO available this facility.
				Comparison of inlet temperature vs CO available this facility.
				Low value, verified in report.
	0.303			
	0.202			
	0.103			

OSB - CARBON MONOXIDE TABLE, Page 4a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
210-042292E	1D210	2	CO	M10	OUT			25	2.09
210-042292E	1D210	3	CO	M10	OUT			22	1.83
211-012892A	3D211	1	CO	M10	OUT			38.3	3.2
211-012892A	3D211	2	CO	M10	OUT			47	4
211-012892A	3D211	3	CO	M10	OUT			47.1	4
211-012992B	1D211	1	CO	M10	OUT			73.6	6.5
211-012992B	1D211	2	CO	M10	OUT			57.5	5.1
211-012992B	1D211	3	CO	M10	OUT			46.5	4.1
211-013092A	2D211	1	CO	M10	OUT			93	7.8
211-013092A	2D211	2	CO	M10	OUT			114.3	9.6
211-013092A	2D211	3	CO	M10	OUT			97.9	8.3
211-022592A	1P211	1	CO	M10	OUT	5.9		3.2	
211-022592A	1P211	2	CO	M10	OUT	5.9		3.3	
211-022592A	1P211	3	CO	M10	OUT	8.8		4.9	
215-062591B	XD215	1	CO	M10	OUT	95.6		46.2	1.31
215-062591B	XD215	2	CO	M10	OUT	139.8		68.1	1.76
215-062591B	XD215	3	CO	M10	OUT	199.4		98.6	2.55
225-020692A	2P225	1	CO	M10	OUT			2.91	
225-020692A	2P225	2	CO	M10	OUT			2.47	
225-020692A	2P225	3	CO	M10	OUT			2.79	
225-020792A	1D225	1	CO	M10	OUT	220		35.8	3.82
225-020792A	1D225	2	CO	M10	OUT	250		39.2	4.14
225-020792A	1D225	3	CO	M10	OUT	300		47.4	4.94
225-041990A	1D225	1	CO	M10	OUT	110.6		16.7	1.58
225-041990A	1D225	2	CO	M10	OUT	171.5		25.9	2.44
225-041990A	1D225	3	CO	M10	OUT	228.1		34.5	3.25

OSB - CARBON MONOXIDE TABLE, Page 4b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.07			
	0.073			
	0.108			
	0.202			
	0.171			
	0.193			

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 1a of 6(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
041-063092A	XD041	1	CPM	OD7	IN		0.0201	21.17	1.26
041-063092A	XD041	2	CPM	OD7	IN		0.0118	11.45	0.69
041-063092A	XD041	3	CPM	OD7	IN		0.0126	12.52	0.77
041-063092B	XD041	1	CPM	OD7	OUT		0.0082	8.35	0.5
041-063092B	XD041	2	CPM	OD7	OUT		0.0058	5.32	0.32
041-063092B	XD041	3	CPM	OD7	OUT		0.007	6.87	0.42
041-121792A	XD041	1	CPM	M5A	OUT		0.0085	6.96	0.42
041-121792A	XD041	2	CPM	M5A	OUT		0.0061	4.68	0.28
041-121792A	XD041	3	CPM	M5A	OUT		0.0056	4.42	0.27
041-121792B	XD041	1	CPM	M5A	IN		0.0042	3.67	0.22
041-121792B	XD041	2	CPM	M5A	IN		0.0108	8.91	0.54
041-121792B	XD041	3	CPM	M5A	IN		0.0091	7.97	0.46
044-062392A	1P044	1	CPM	OD7	OUT			10.8	
044-062392A	1P044	2	CPM	OD7	OUT			9.17	
044-062392B	1P044	1	CPM	OD7	OUT			7.55	
044-062392B	1P044	2	CPM	OD7	OUT			5.69	
044-092393A	1P044	1	CPM	OD7	OUT			5.745	
044-092393A	1P044	2	CPM	OD7	OUT			5.736	
044-092393A	1P044	3	CPM	OD7	OUT			4.919	
044-102588A	XD044	1	CPM	M5	IN		0.183	109.53	5.59
044-102588A	XD044	2	CPM	M5	IN		0.1322	72.02	3.51
044-102588A	XD044	3	CPM	M5	IN		0.1612	86.78	4.17
044-102588B	XD044	1	CPM	M5	OUT		0.0055	2.8	0.143
044-102588B	XD044	2	CPM	M5	OUT		0.0063	0.98	0.048
044-102588B	XD044	3	CPM	M5	OUT		0.007	3.34	0.161
044-102588C	XD044	1	CPM	M5	IN		0.064	39.89	
044-102588D	XD044	1	CPM	M5	OUT		0.004	2.108	
069-081491A	1D069	1	CPM	M202	IN				
069-081491A	1D069	2	CPM	M202	IN		0.114	26.9	
069-081491A	1D069	3	CPM	M202	IN		0.086	21.3	
069-081491B	1D069	1	CPM	M202	OUT		0.021	4.9	
069-081491B	1D069	2	CPM	M202	OUT		0.022	5.2	
069-081491B	1D069	3	CPM	M202	OUT		0.016	3.8	
069-081591A	2D069	1	CPM	M202	IN		0.06	14.5	
069-081591A	2D069	2	CPM	M202	IN		0.031	7.6	
069-081591A	2D069	3	CPM	M202	IN				
069-081591B	2D069	1	CPM	M202	OUT		0.021	5	
069-081591B	2D069	2	CPM	M202	OUT		0.036	9.2	
069-081591B	2D069	3	CPM	M202	OUT		0.018	4.7	
069-081992A	1D069	1	CPM	M202	IN		0.054	12.84	
069-081992A	1D069	2	CPM	M202	IN		0.08	18.7	
069-081992A	1D069	3	CPM	M202	IN		0.083	21.82	
069-081992B	1D069	1	CPM	M202	OUT		0.0251	7.46	

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				CPM subdivided in report; water, solvent, acetone.
				CPM subdivided in report; water, solvent, acetone.
				CPM subdivided in report; water, solvent, acetone.
				CPM subdivided in report; water, solvent, acetone.
				CPM subdivided in report; water, solvent, acetone.
				CPM subdivided in report; water, solvent, acetone.
				Method 5A Back - Half; TCE extraction.
				Method 5A Back - Half; TCE extraction.
				Method 5A Back - Half; TCE extraction.
				Method 5A Back - Half; TCE extraction.
				Method 5A Back - Half; TCE extraction.
				Method 5A Back - Half; TCE extraction.
	0.347			
	0.295			
	0.272			
	0.205			The second run of second stack was unreasonable and not added in.
	0.194			Vents combined for each run.
	0.181			Vents combined for each run.
	0.175			Vents combined for each run.
				Inlet.
				Inlet.
				Inlet.
				Outlet.
				Outlet.
				Outlet.
				Inlet, without washing.
				Outlet, without washing.
				Inlet; Organic and inorganic portions of CPM are available in report.
				Inlet; Organic and inorganic portions of CPM are available in report.
				Inlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 2a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
069-081992B	1D069	2	CPM	M202	OUT		0.0112	3.33	
069-081992B	1D069	3	CPM	M202	OUT		0.0158	4.63	
069-082092A	2D069	1	CPM	M202	IN		0.047	12.09	
069-082092A	2D069	2	CPM	M202	IN		0.045	11.58	
069-082092A	2D069	3	CPM	M202	IN		0.064	16.23	
069-082092B	2D069	1	CPM	M202	OUT		0.0091	2.68	
069-082092B	2D069	2	CPM	M202	OUT		0.0155	4.49	
069-082092B	2D069	3	CPM	M202	OUT		0.045	12.98	
069-121390A	2D069	1	CPM	M202	OUT		0.01	3.01	
069-121390A	2D069	2	CPM	M202	OUT		0.008	2.11	
069-121390A	2D069	3	CPM	M202	OUT		0.009	2.28	
069-121390B	1D069	1	CPM	M202	OUT		0.007	1.81	
069-121390B	1D069	2	CPM	M202	OUT		0.024	5.73	
069-121390B	1D069	3	CPM	M202	OUT		0.029	6.98	
069-121390C	2D069	1	CPM	M202	IN		0.028	6.52	
069-121390C	2D069	2	CPM	M202	IN		0.032	7.14	
069-121390C	2D069	3	CPM	M202	IN		0.026	5.95	
070-031992A	2D070	1	CPM	G5T	IN		0.1137	28.09	2.68
070-031992A	2D070	2	CPM	G5T	IN		0.1277	31.82	3.03
070-031992A	2D070	3	CPM	G5T	IN		0.1121	27.78	2.65
070-031992B	2D070	1	CPM	G5T	OUT		0.0386	8.8	0.84
070-031992B	2D070	2	CPM	G5T	OUT		0.0301	6.9	0.66
070-031992B	2D070	3	CPM	G5T	OUT		0.0337	8	0.76
070-042392B	1D070	2	CPM	G5T	OUT		0.0106	2.85	0.271
070-042392B	1D070	3	CPM	G5T	OUT		0.0125	3.32	0.316
070-042392B	1D070	4	CPM	G5T	OUT		0.0105	3.01	0.287
070-042492B	3D070	1	CPM	G5T	OUT		0.0306	8.19	0.731
070-042492B	3D070	2	CPM	G5T	OUT		0.0295	8.41	0.751
070-042492B	3D070	3	CPM	G5T	OUT		0.0189	5.47	0.488
070-062891A	1D070	1	CPM	G5T	IN				
070-062891A	1D070	2	CPM	G5T	IN		0.1492	34.67	3.23
070-062891A	1D070	3	CPM	G5T	IN		0.138	31.25	2.86
070-062891B	1D070	1	CPM	G5T	OUT		0.02	5.07	0.459
070-062891B	1D070	2	CPM	G5T	OUT		0.0327	8.08	0.754
070-062891B	1D070	3	CPM	G5T	OUT		0.0426	10.08	0.921
070-062891C	3D070	1	CPM	G5T	IN		0.099	20.66	3.33
070-062891C	3D070	2	CPM	G5T	IN		0.055	11.77	1.83
070-062891C	3D070	3	CPM	G5T	IN		0.027	6.15	0.715
070-062891D	3D070	1	CPM	G5T	OUT		0.0362	8.45	1.36
070-062891D	3D070	2	CPM	G5T	OUT		0.0266	5.65	0.883
070-062891D	3D070	3	CPM	G5T	OUT		0.0231	4.91	0.571
070-101091A	2D070	1	CPM	G5T	IN		0.157		3.1
070-101091A	2D070	2	CPM	G5T	IN		0.097		1.96

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 2b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				Outlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.
				Inlet; Organic and inorganic portions of CPM are available in report.
				Inlet; Organic and inorganic portions of CPM are available in report.
				Inlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.
				Outlet; Organic and inorganic portions of CPM are available in report.
				Inlet; Organic and inorganic portions of CPM are available in report.
				Inlet; Organic and inorganic portions of CPM are available in report.
				Inlet; Organic and inorganic portions of CPM are available in report.

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 3a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
070-101091A	2D070	3	CPM	G5T	IN		0.063		1.28
070-101091B	2D070	1	CPM	G5T	OUT		0.042		0.94
070-101091B	2D070	2	CPM	G5T	OUT		0.049		1.12
070-101091B	2D070	3	CPM	G5T	OUT		0.041		0.95
070-101091C	3D070	1	CPM	G5T	IN		0.129		2.57
070-101091C	3D070	2	CPM	G5T	IN		0.163		3.35
070-101091C	3D070	3	CPM	G5T	IN		0.138		2.83
070-101091D	3D070	1	CPM	G5T	OUT		0.043		0.83
070-101091D	3D070	2	CPM	G5T	OUT		0.029		0.62
070-101091D	3D070	3	CPM	G5T	OUT		0.048		0.95
070-101091E	2D070	1	CPM	G5T	IN				
070-101091F	2D070	1	CPM	G5T	OUT		0.036		1.7
070-101091G	3D070	1	CPM	G5T	IN		0.046		1.8
070-101091H	3D070	1	CPM	G5T	OUT		0.034		1.45
070-102192A	3D070	1	CPM	M5/202	IN		0.0727	19.39	2.15
070-102192A	3D070	2	CPM	M5/202	IN		0.0479	12.8	1.42
070-102192A	3D070	3	CPM	M5/202	IN		0.0395	10.55	1.17
070-102192B	3D070	1	CPM	M5/202	OUT		0.0149	4.81	0.53
070-102192B	3D070	2	CPM	M5/202	OUT		0.0151	4.77	0.53
070-102192B	3D070	3	CPM	M5/202	OUT		0.0164	5.3	0.59
083-060988A	YD083	1	CPM	M5	OUT		0.0137	7.23	0.476
083-060988A	YD083	2	CPM	M5	OUT		0.0143	7.4	0.487
083-060988A	YD083	3	CPM	M5	OUT		0.0138	7.23	0.476
083-061088A	XD083	1	CPM	M5	OUT		0.00824	4.22	0.274
083-061088A	XD083	2	CPM	M5	OUT		0.00955	4.87	0.316
083-061088A	XD083	3	CPM	M5	OUT		0.0102	5.28	0.343
088-120892A	1D088	1	CPM	M202	OUT		0.0187	5.62	0.49
088-120892A	1D088	2	CPM	M202	OUT		0.0145	4.33	0.38
088-120892A	1D088	3	CPM	M202	OUT		0.0216	6.61	0.57
088-121092A	1P088	1	CPM	M202	OUT		0.0061	4.28	
088-121092A	1P088	2	CPM	M202	OUT		0.0064	4.39	
088-121092A	1P088	3	CPM	M202	OUT		0.0042	2.9	
096-012793A	2D096	1	CPM	M202	OUT			3.59	0.283
096-012793A	2D096	2	CPM	M202	OUT			3.87	0.305
096-012793A	2D096	3	CPM	M202	OUT			3.37	0.266
096-012793C	2D096	1	CPM	M202	IN			5.16	0.407
096-012793C	2D096	2	CPM	M202	IN			5.6	0.441
096-012793C	2D096	3	CPM	M202	IN			3.73	0.294
096-012893A	2P096	1	CPM	M202	OUT			1.06	
096-012893A	2P096	2	CPM	M202	OUT			1.01	
096-012893A	2P096	3	CPM	M202	OUT			1.06	
096-060490A	1P096	1	CPM	M202	OUT		0.00502	1.19	

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 3b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.257			
	0.264			
	0.174			
	0.0526			
	0.0501			
	0.0526			
	0.0971			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 4a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
096-060490A	1P096	2	CPM	M202	OUT		0.00635	1.54	
096-060490A	1P096	3	CPM	M202	OUT		0.00431	1.04	
096-060490C	1P096	1	CPM	M202	OUT		0.00505	1.23	
096-060490C	1P096	2	CPM	M202	OUT		0.00841	1.98	
096-060490C	1P096	3	CPM	M202	OUT		0.00618	1.48	
096-060590A	1D096	1	CPM	M202	OUT		0.00809	2.29	0.296
096-060590A	1D096	2	CPM	M202	OUT		0.00867	2.45	0.317
096-060590A	1D096	3	CPM	M202	OUT		0.00765	2.14	0.276
096-060590C	1D096	1	CPM	M202	OUT		0.00526	1.4	0.12
096-060590C	1D096	2	CPM	M202	OUT		0.00458	1.22	0.104
096-060590C	1D096	3	CPM	M202	OUT		0.00628	1.67	0.143
096-060590E	1P096	1	CPM	M202	OUT		0.00542	1.34	
096-060590E	1P096	2	CPM	M202	OUT		0.00721	1.72	
096-060590E	1P096	3	CPM	M202	OUT		0.00648	1.59	
096-060590F	1P096	1	CPM	M202	OUT		0.00303	0.711	
096-060590F	1P096	2	CPM	M202	OUT		0.0049	1.12	
096-060590F	1P096	3	CPM	M202	OUT		0.00421	1.01	
096-060690B	1P096	1	CPM	M202	OUT		0.00758	1.75	
096-060690B	1P096	2	CPM	M202	OUT		0.0107	2.44	
096-060690B	1P096	3	CPM	M202	OUT		0.00424	1.01	
096-060690C	1P096	1	CPM	M202	OUT		0.00626	1.47	
096-060690C	1P096	2	CPM	M202	OUT		0.00378	0.918	
096-060690C	1P096	3	CPM	M202	OUT		0.00619	1.5	
096-060790A	1P096	1	CPM	M202	OUT		0.00277	0.652	

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 4b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.126			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.0849			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.11			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.178			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.133			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
				CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
				CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
				CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
				CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
				CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
				CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.0775			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.0995			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.092			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.0377			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.0594			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.0536			CPM compounds speciated qualitatively for 100% ASPEN press runs, in report.
	0.142			
	0.199			
	0.0822			
	0.12			
	0.0747			
	0.122			
	0.052			CPM compounds speciated qualitatively for 100% Pine press runs, in report.

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 5a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
096-060790A	1P096	2	CPM	M202	OUT		0.00198	0.49	
096-060790A	1P096	3	CPM	M202	OUT		0.00253	0.588	
096-060790B	1P096	1	CPM	M202	OUT		0.00249	0.561	
096-060790B	1P096	2	CPM	M202	OUT		0.00347	0.811	
096-060790B	1P096	3	CPM	M202	OUT		0.00385	0.908	
096-060790C	1D096	1	CPM	M202	OUT		0.0187	6.2	0.508
096-060790C	1D096	2	CPM	M202	OUT		0.0114	3.68	0.302
096-060790C	1D096	3	CPM	M202	OUT		0.0122	3.96	0.325
096-060890A	1P096	1	CPM	M202	OUT		0.00273	0.675	
096-060890A	1P096	2	CPM	M202	OUT		0.00259	0.612	
096-060890A	1P096	3	CPM	M202	OUT		0.00331	0.788	
096-060890B	1P096	1	CPM	M202	OUT		0.0237	5.84	
096-060890B	1P096	2	CPM	M202	OUT		0.0177	4.06	
096-060890B	1P096	3	CPM	M202	OUT		0.0153	3.72	
096-060890C	1D096	1	CPM	M202	OUT		0.0208	6.61	0.802
096-060890C	1D096	2	CPM	M202	OUT		0.0116	3.51	0.426
096-060890C	1D096	3	CPM	M202	OUT		0.0156	4.73	0.574
210-021192A	1D210	1	CPM	M202	OUT			4.9	0.356
210-021192A	1D210	2	CPM	M202	OUT			5.45	0.396
210-021192A	1D210	3	CPM	M202	OUT			4.24	0.308
210-021192B	1D210	1	CPM	M202	OUT			5.3	0.385
210-021192B	1D210	2	CPM	M202	OUT			6.01	0.436
210-021192B	1D210	3	CPM	M202	OUT			7.3	0.53
210-021292A	1P210	1	CPM	M202	OUT			1.15	
210-021292A	1P210	2	CPM	M202	OUT			0.83	
210-021292A	1P210	3	CPM	M202	OUT			0.44	

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 5b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.0391			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.0464			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.0321			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.0465			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.052			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
				CPM compounds speciated qualitatively for 100% Pine press runs, in report.
				CPM compounds speciated qualitatively for 100% Pine press runs, in report.
				CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.0563			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.051			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.0657			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.3			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.209			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.191			CPM compounds speciated qualitatively for 100% Pine press runs, in report.
				CPM compounds speciated qualitatively for 100% Pine press runs, in report.
				CPM compounds speciated qualitatively for 100% Pine press runs, in report.
				CPM compounds speciated qualitatively for 100% Pine press runs, in report.
	0.0657			
	0.0474			
	0.0251			

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 6a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
210-021292C	1P210	1	CPM	M202	OUT			0.48	
210-021292C	1P210	2	CPM	M202	OUT			0.38	
210-021292C	1P210	3	CPM	M202	OUT			0.36	
210-042292A	1D210	1	CPM	M202	OUT			10.32	0.744
210-042292A	1D210	2	CPM	M202	OUT			5.38	0.388
210-042292A	1D210	3	CPM	M202	OUT			5.18	0.373
210-042292B	1D210	1	CPM	M202	OUT			3.17	0.229
210-042292B	1D210	2	CPM	M202	OUT			4.38	0.316
210-042292B	1D210	3	CPM	M202	OUT			4.42	0.319
211-022592A	1P211	1	CPM	M5	OUT		0.00012	0.12	
211-022592A	1P211	2	CPM	M5	OUT		0.00014	0.15	
211-022592A	1P211	3	CPM	M5	OUT		0.00012	0.13	
211-022692A	1P211	1	CPM	M5	OUT		0.00101	1.11	
211-022692A	1P211	2	CPM	M5	OUT		0.00034	0.37	
211-022692A	1P211	3	CPM	M5	OUT		0.00047	0.52	
212-101191A	1D212	1	CPM	M5	OUT			6.37	0.528
212-101191A	1D212	2	CPM	M5	OUT			4.63	0.384
212-101191A	1D212	3	CPM	M5	OUT			5.94	0.493
215-062591A	XD215	1	CPM	M202	IN		0.029		0.79
215-062591A	XD215	2	CPM	M202	IN		0.042		1.05
215-062591A	XD215	3	CPM	M202	IN		0.054		1.36
215-062591B	XD215	1	CPM	M202	OUT		0.011		0.29
215-062591B	XD215	2	CPM	M202	OUT		0.016		0.41
215-062591B	XD215	3	CPM	M202	OUT		0.014		0.37
215-062591C	YD215	1	CPM	OD7	IN				
215-062591C	YD215	2	CPM	OD7	IN		0.066		1.52
215-062591D	YD215	1	CPM	OD7	IN				
215-062591D	YD215	2	CPM	OD7	IN		0.018		0.71
225-020692A	2P225	1	CPM	M5	OUT		0.00085	0.96	
225-020692A	2P225	2	CPM	M5	OUT		0.00108	1.05	
225-020692A	2P225	3	CPM	M5	OUT		0.00106	1.17	
225-020792A	1D225	1	CPM	M5	OUT		0.0067	2.13	0.2
225-020792A	1D225	2	CPM	M5	OUT		0.0152	4.7	0.442
225-020792A	1D225	3	CPM	M5	OUT		0.0105	3.28	0.308
225-020792B	1D225	1	CPM	M5	OUT		0.0112	3.62	0.343
225-020792B	1D225	2	CPM	M5	OUT		0.0113	3.53	0.335
225-020792B	1D225	3	CPM	M5	OUT		0.0133	4.06	0.385

OSB - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, Page 6b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.0286			
	0.0226			
	0.0214			
	0.0028			
	0.0033			
	0.0029			
	0.024			
	0.0081			
	0.0114			
	0.067			
	0.073			
	0.081			

OSB - FORMALDEHYDE TABLE, Page 1a of 6(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
041-052192A	XD041	1	FOR	P&CAM1	IN			0.29	0.017
041-052192A	XD041	2	FOR	P&CAM1	IN			1.18	0.056
041-052192B	XD041	1	FOR	P&CAM1	OUT			2.11	0.123
041-052192B	XD041	2	FOR	P&CAM1	OUT			0.69	0.033
044-062392A	1P044	1	FOR	P&CAM1	OUT			0.2282	
044-062392A	1P044	1	FOR	TO-5	OUT			0.0635	
044-062392A	1P044	2	FOR	P&CAM1	OUT			0.2329	
044-062392A	1P044	2	FOR	TO-5	OUT			0.0508	
044-062392B	1P044	1	FOR	P&CAM1	OUT			0.3144	
044-062392B	1P044	1	FOR	TO-5	OUT			0.0878	
044-062392B	1P044	2	FOR	P&CAM1	OUT			0.252	
044-062392B	1P044	2	FOR	TO-5	OUT			0.0813	
044-092193A	XD044	1	FOR	M0011	IN			2.026	
044-092193A	XD044	1	FOR	TO-5	IN			41.03	
044-092193A	XD044	2	FOR	M0011	IN			0.777	
044-092193A	XD044	2	FOR	TO-5	IN			19.58	
044-092193A	XD044	3	FOR	M0011	IN			0.777	
044-092193A	XD044	3	FOR	TO-5	IN			17.41	
044-092193B	XD044	1	FOR	M0011	OUT			1.978	
044-092193B	XD044	1	FOR	TO-5	OUT			21.32	
044-092193B	XD044	2	FOR	M0011	OUT			3.345	
044-092193B	XD044	2	FOR	TO-5	OUT			14.63	
044-092193B	XD044	3	FOR	M0011	OUT			1.919	
044-092193B	XD044	3	FOR	TO-5	OUT			20.07	
044-102588A	XD044	1	FOR	P&CAM1	IN			0.1192	0.006
044-102588A	XD044	2	FOR	P&CAM1	IN			0.1026	0.005
044-102588A	XD044	3	FOR	P&CAM1	IN			0.1357	0.0065
044-102588B	XD044	1	FOR	P&CAM1	OUT			0.0596	0.003
044-102588B	XD044	2	FOR	P&CAM1	OUT			0.0495	0.0024
044-102588B	XD044	3	FOR	P&CAM1	OUT			0.049	0.0024
044-102588C	XD044	1	FOR	P&CAM1	IN			0.0817	

OSB - FORMALDEHYDE TABLE, Page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.0073			Sum of vents for each run.
	0.002			Sum of vents for each run.
	0.0075			Sum of vents for each run.
	0.0016			Sum of vents for each run.
	0.0112			Sum of vents for each run.
	0.0032			Sum of vents for each run.
	0.0091			Sum of vents for each run.
	0.0029			Sum of vents for each run.
				Inlet. Comparison of test methods available. Wet production available in reports table.
				Outlet. Comparison of test methods available. Wet production available in reports table.
				Inlet. Comparison of test methods available. Wet production available in reports table.
				Outlet. Comparison of test methods available. Wet production available in reports table.
				Inlet. Comparison of test methods available.Wet production available in reports table.
				Outlet. Comparison of test methods available. Wet production available in reports table.
				Inlet. Comparison of test methods available. Wet production available in reports table.
				Outlet. Comparison of test methods available. Wet production available in reports table.
				Inlet. Comparison of test methods available. Wet production available in reports table.
				Outlet. Comparison of test methods available. Wet production available in reports table.
				Inlet. Comparison of test methods available. Wet production available in reports table.
				Outlet. Comparison of test methods available. Wet production available in reports table.

OSB - FORMALDEHYDE TABLE, Page 2a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
044-102588D	XD044	1	FOR	P&CAM1	OUT			0.0931	
069-062492A	1P069	1	FOR	M0011	OUT	7.85		1.54	
069-062492A	1P069	2	FOR	M0011	OUT	8.27		1.59	
069-062492A	1P069	3	FOR	M0011	OUT	3.93		0.77	
069-071592C	1D069	1	FOR	M0011	OUT	28.1		4.3	
069-071592C	1D069	2	FOR	M0011	OUT	22.6		3.61	
069-071692C	2D069	1	FOR	M0011	OUT	25		4.02	
069-081491A	1D069	1	FOR	M0011	IN	8.7	0.165	1.13	
069-081491A	1D069	2	FOR	M0011	IN	4.3	0.082	0.55	
069-081491A	1D069	3	FOR	M0011	IN	6.7	0.126	0.89	
069-081491B	1D069	1	FOR	M0011	OUT	0.1	0.00185	0.01	
069-081491B	1D069	2	FOR	M0011	OUT	0.1	0.00093	0.01	
069-081491B	1D069	3	FOR	M0011	OUT	0.1	0.00108	0.01	
069-081591A	2D069	1	FOR	M0011	IN	4.9	0.092	0.63	
069-081591A	2D069	2	FOR	M0011	IN	8.5	0.162	1.12	
069-081591B	2D069	1	FOR	M0011	OUT	2.1	0.04	0.27	
069-081591B	2D069	2	FOR	M0011	OUT	0.2	0.0034	0.02	
070-012793A	1P070	1	FOR	M0011	OUT	4.54		2.28	
070-012793A	1P070	2	FOR	M0011	OUT	4.68		2.35	
070-012793A	1P070	3	FOR	M0011	OUT	4.98		2.51	
070-031992B	2D070	1	FOR	M0011	OUT	4.32		0.53	0.05
070-031992B	2D070	2	FOR	M0011	OUT	3.01		0.37	0.035
070-031992B	2D070	3	FOR	M0011	OUT	5.3		0.67	0.064
070-042392B	1D070	1	FOR	M0011	OUT	12.9		2.16	0.21
070-042392B	1D070	2	FOR	M0011	OUT	13		2	0.19
070-042392B	1D070	3	FOR	M0011	OUT	19.6		3	0.29
070-042492B	3D070	1	FOR	M0011	OUT	27		4.21	0.376
070-042492B	3D070	2	FOR	M0011	OUT	26.2		4.22	0.377
070-042492B	3D070	3	FOR	M0011	OUT	33.9		5.36	0.479
070-062891A	1D070	1	FOR	M0011	IN	0.3		0.04	0.004
070-062891A	1D070	2	FOR	M0011	IN	4.5	Below out →	0.55	0.051
070-062891A	1D070	3	FOR	M0011	IN	0.2		0.03	0.003
070-062891B	1D070	1	FOR	M0011	OUT	0.6		0.08	0.007
070-062891B	1D070	2	FOR	M0011	OUT	0.4		0.05	0.005
070-062891B	1D070	3	FOR	M0011	OUT	0.1		0.01	0.001
070-062891C	3D070	1	FOR	MM0011	IN	0.2		0.02	0.003
070-062891C	3D070	2	FOR	MM0011	IN	1.6		0.18	0.028
070-062891C	3D070	3	FOR	MM0011	IN	3		0.36	0.042
070-062891D	3D070	1	FOR	MM0011	OUT	1		0.12	0.019
070-062891D	3D070	2	FOR	MM0011	OUT	0.8		0.09	0.014
070-062891D	3D070	3	FOR	MM0011	OUT	0.1		0.01	0.001
070-102292A	3D070	1	FOR	M0011	IN	17.7		2.6	0.289

0.0035

OSB - FORMALDEHYDE TABLE, Page 2b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.06			
	0.062			
	0.03			
	0.07			
	0.072			
	0.077			
				For Run 2 see VOC results this same test.
				For Run 2 see VOC results this same test.
				For Run 2 see VOC results this same test.
				For Run 2 see VOC results this same test.
				For Run 2 see VOC results this same test.
				For Run 2 see VOC results this same test.
				Comparison of Formaldehyde methods available.

OSB - FORMALDEHYDE TABLE, Page 3a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
070-102292A	3D070	1	FOR	TO-11	IN	35.63		5.3	0.589
070-102292A	3D070	2	FOR	M0011	IN	16.1		2.3	0.256
070-102292A	3D070	2	FOR	TO-11	IN	37.32		5.39	0.599
070-102292A	3D070	3	FOR	M0011	IN	16.8		2.5	0.278
070-102292A	3D070	3	FOR	TO-11	IN	27.47		4.06	0.451
070-102292B	3D070	1	FOR	M0011	OUT	5.7		0.99	0.11
070-102292B	3D070	1	FOR	TO-11	OUT	26.82		4.6	0.511
070-102292B	3D070	2	FOR	M0011	OUT	26		4.26	0.473
070-102292B	3D070	2	FOR	TO-11	OUT	33.46		5.47	0.608
070-102292B	3D070	3	FOR	M0011	OUT	24.7		4.15	0.461
070-102292B	3D070	3	FOR	TO-11	OUT	8.89		1.49	0.166
088-120892B	1D088	1	FOR	M0011	OUT	6.1		1.03	0.09
088-120892B	1D088	2	FOR	M0011	OUT	6.4		1.07	0.093
088-120892B	1D088	3	FOR	M0011	OUT	8.2		1.38	0.12
088-121092C	1P088	1	FOR	M0011	OUT	1		0.38	
088-121092C	1P088	2	FOR	M0011	OUT	2.6		0.97	
088-121092C	1P088	3	FOR	M0011	OUT	1.9		0.69	
088-121588B	1U088	1	FOR	MN3500	OUT	4.76		0.74	
088-121588B	1U088	2	FOR	MN3500	OUT	4.77		0.74	
088-121588B	1U088	3	FOR	MN3500	OUT	5.79		0.9	
088-121588C	2P088	1	FOR	MN3500	OUT	13.9		1.91	
088-121588C	2P088	2	FOR	MN3500	OUT	11.5		1.58	
088-121588C	2P088	3	FOR	MN3500	OUT	12.3		1.69	
096-012693A	2D096	1	FOR	M0011	OUT	4.42		0.658	0.054
096-012693A	2D096	2	FOR	M0011	OUT	4.64		0.688	0.057
096-012693A	2D096	3	FOR	M0011	OUT	6.1		0.92	0.076
096-012693B	2D096	1	FOR	M0011	IN	8.9		1.08	0.085
096-012693B	2D096	2	FOR	M0011	IN	8.71		1.11	0.088
096-012693B	2D096	3	FOR	M0011	IN	10.67		1.32	0.104
096-012993A	2P096	1	FOR	M0011	OUT	2.43		0.929	
096-012993A	2P096	2	FOR	M0011	OUT	2.64		0.984	
096-012993A	2P096	3	FOR	M0011	OUT	2.4		0.907	
096-060490A	1P096	1	FOR	MN3500	OUT	1.46		0.19	
096-060490A	1P096	2	FOR	MN3500	OUT	1.83		0.23	
096-060490A	1P096	3	FOR	MN3500	OUT	1.72		0.22	
096-060490C	1P096	1	FOR	MN3500	OUT	1.8		0.23	

OSB - FORMALDEHYDE TABLE, Page 3b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				Comparison of Formaldehyde methods available; can track formaldehyde through system.
				Comparison of Formaldehyde methods available.
				Comparison of Formaldehyde methods available; can track formaldehyde through system.
				Comparison of Formaldehyde methods available; can track formaldehyde through system.
				Comparison of Formaldehyde methods available; can track formaldehyde through system.
				Comparison of Formaldehyde methods available.
				Comparison of Formaldehyde methods available; can track formaldehyde through system.
				Comparison of Formaldehyde methods available.
				Comparison of Formaldehyde methods available; can track formaldehyde through system.
				Comparison of Formaldehyde methods available.
				Comparison of Formaldehyde methods available; can track formaldehyde through system.
	0.023			MDI also used; PF resin + MDI; MDI & Phenol results available.
	0.058			MDI also used; PF resin + MDI; MDI & Phenol results available.
	0.041			MDI also used; PF resin + MDI; MDI & Phenol results available.
	0.056			Press and unloader emissions are separate, not summed.
	0.056			Press and unloader emissions are separate, not summed.
	0.068			Press and unloader emissions are separate, not summed.
	0.145			Press and unloader emissions are separate, not summed.
	0.12			Press and unloader emissions are separate, not summed.
	0.128			Press and unloader emissions are separate, not summed.
	0.047			
	0.05			
	0.046			
	0.016			
	0.019			
	0.018			
	0.021			

OSB - FORMALDEHYDE TABLE, Page 4a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
096-060490C	1P096	2	FOR	MN3500	OUT	1.93		0.26	
096-060490C	1P096	3	FOR	MN3500	OUT	1.42		0.19	
096-060590A	1D096	1	FOR	MN3500	OUT	1.58		0.25	0.0323
096-060590A	1D096	2	FOR	MN3500	OUT	1.74		0.27	0.0349
096-060590A	1D096	3	FOR	MN3500	OUT	1.63		0.25	0.0323
096-060590C	1D096	1	FOR	MN3500	OUT	6.19		0.92	0.0786
096-060590C	1D096	2	FOR	MN3500	OUT	6.45		0.95	0.0812
096-060590C	1D096	3	FOR	MN3500	OUT	5.38		0.79	0.0675
096-060590E	1P096	1	FOR	MN3500	OUT	2.05		0.28	
096-060590E	1P096	2	FOR	MN3500	OUT	1.89		0.25	
096-060590E	1P096	3	FOR	MN3500	OUT	2.21		0.3	
096-060590F	1P096	1	FOR	MN3500	OUT	2.06		0.26	
096-060590F	1P096	2	FOR	MN3500	OUT	2.41		0.3	
096-060590F	1P096	3	FOR	MN3500	OUT	2.06		0.27	
096-060690B	1P096	1	FOR	MN3500	OUT	1.35		0.17	
096-060690B	1P096	2	FOR	MN3500	OUT	1.17		0.15	
096-060690B	1P096	3	FOR	MN3500	OUT	1.15		0.15	
096-060690C	1P096	1	FOR	MN3500	OUT	0.78		0.1	
096-060690C	1P096	2	FOR	MN3500	OUT	0.67		0.09	
096-060690C	1P096	3	FOR	MN3500	OUT	0.72		0.09	
096-060790A	1P096	1	FOR	MN3500	OUT	0.74		0.09	
096-060790A	1P096	2	FOR	MN3500	OUT	0.76		0.1	
096-060790A	1P096	3	FOR	MN3500	OUT	0.85		0.11	
096-060790B	1P096	1	FOR	MN3500	OUT	1.46		0.18	
096-060790B	1P096	2	FOR	MN3500	OUT	1.49		0.19	
096-060790B	1P096	3	FOR	MN3500	OUT	0.99		0.13	
096-060790C	1D096	1	FOR	MN3500	OUT	0.09		0.02	0.0016
096-060790C	1D096	2	FOR	MN3500	OUT	0.07		0.01	0.00082
096-060790C	1D096	3	FOR	MN3500	OUT	0.1		0.02	0.0016
096-060890A	1P096	1	FOR	MN3500	OUT	0.53		0.07	
096-060890A	1P096	2	FOR	MN3500	OUT	0.61		0.08	
096-060890A	1P096	3	FOR	MN3500	OUT	0.54		0.07	
096-060890B	1P096	1	FOR	MN3500	OUT	0.41		0.06	
096-060890B	1P096	2	FOR	MN3500	OUT	0.95		0.12	
096-060890B	1P096	3	FOR	MN3500	OUT	0.87		0.12	
096-060890C	1D096	1	FOR	MN3500	OUT	0.48		0.08	0.0097
096-060890C	1D096	2	FOR	MN3500	OUT	0.42		0.07	0.0085
096-060890C	1D096	3	FOR	MN3500	OUT	0.35		0.06	0.0073
174-041191A	1D174	1	FOR	N3500	OUT	109		17.9	1.25
174-041191A	1D174	2	FOR	N3500	OUT	69		11.3	0.79

OSB - FORMALDEHYDE TABLE, Page 4b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.023			
	0.017			
	0.016			
	0.014			
	0.017			
	0.014			
	0.016			
	0.014			
	0.00861			
	0.0076			
	0.0076			
	0.0081			
	0.0073			
	0.0073			
	0.0072			
	0.008			
	0.0088			
	0.0103			
	0.0109			
	0.0074			
	0.0058			
	0.0067			
	0.0058			
	0.0031			
	0.0062			
	0.0062			
				Comparison of fuel and temperature available for dryers 1D174 & 2D174.
				Comparison of fuel and temperature available for dryers 1D174 & 2D174.

OSB - FORMALDEHYDE TABLE, Page 5a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
174-041191A	1D174	3	FOR	N3500	OUT	57		9.4	0.66
174-041191B	2D174	1	FOR	N3500	OUT	28		4.6	0.33
174-041191B	2D174	2	FOR	N3500	OUT	13		2.2	0.16
174-041191B	2D174	3	FOR	N3500	OUT	16		2.7	0.2
174-041191C	1P174	1	FOR	N3500	OUT	6.54			
174-041191C	1P174	2	FOR	N3500	OUT	4.1			
174-041191C	1P174	3	FOR	N3500	OUT	4.54			
210-021192D	1D210	1	FOR	M0011	OUT	3.38		0.488	0.0354
210-021192D	1D210	2	FOR	M0011	OUT	15.33		2.27	0.165
210-021192D	1D210	3	FOR	M0011	OUT	16.31		2.47	0.179
210-021292D	1P210	1	FOR	M0011	OUT	5.4		1.73	
210-021292D	1P210	2	FOR	M0011	OUT	5.04		1.66	
210-021292D	1P210	3	FOR	M0011	OUT	5.32		1.64	
210-042292D	1D210	1	FOR	M0011	OUT	9.87		1.35	0.0973
210-042292D	1D210	2	FOR	M0011	OUT	7.98		1.14	0.0822
210-042292D	1D210	3	FOR	M0011	OUT	8.83		1.2	0.0865
211-012892C	3D211	1	FOR	M0011	OUT			1.50E-03	1.26E-04
211-012892C	3D211	2	FOR	M0011	OUT			3.50E-03	2.94E-04
211-012892C	3D211	3	FOR	M0011	OUT			9.00E-04	7.56E-05
211-012992C	1D211	1	FOR	M0011	OUT			1.00E-03	8.85E-05
211-012992C	1D211	2	FOR	M0011	OUT			2.10E-03	1.86E-04
211-012992C	1D211	3	FOR	M0011	OUT			3.40E-03	3.01E-04
211-013092C	2D211	1	FOR	M0011	OUT			2.30E-03	1.93E-04
211-013092C	2D211	2	FOR	M0011	OUT			1.40E-03	1.18E-04
211-013092C	2D211	3	FOR	M0011	OUT			1.10E-03	9.24E-05
211-022592B	1P211	1	FOR	M0011	OUT	5.09		3.09	
211-022592B	1P211	2	FOR	M0011	OUT	3.99		2.38	
211-022592B	1P211	3	FOR	M0011	OUT	5.75		3.43	
211-041191A	1D211	1	FOR	MN3500	OUT	59		8.8	0.96
211-041191A	1D211	2	FOR	MN3500	OUT	42		6.4	0.7
211-041191A	1D211	3	FOR	MN3500	OUT	42		6.4	0.7
215-042089A	XD215	1	FOR	NM1501	IN			9.6	0.285
215-042089A	XD215	2	FOR	NM1501	IN			10	0.263
215-042089A	XD215	3	FOR	NM1501	IN			11.4	0.299
215-042089B	XD215	1	FOR	NM1501	OUT			8	0.238
215-042089B	XD215	2	FOR	NM1501	OUT			11.2	0.295
215-042089B	XD215	3	FOR	NM1501	OUT			11.5	0.302
215-062591A	XD215	1	FOR	M0011	IN	15.6		8.72	0.246
215-062591A	XD215	2	FOR	M0011	IN	46.3		24.7	0.636
215-062591A	XD215	3	FOR	M0011	IN	25.3		13	0.337
215-062591B	XD215	1	FOR	M0011	OUT	19.4		10.7	0.302
215-062591B	XD215	2	FOR	M0011	OUT	25.8		13.6	0.35

OSB - FORMALDEHYDE TABLE, Page 5b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				Comparison of fuel and temperature available for dryers 1D174 & 2D174.
	0.115			
	0.079			
	0.087			
	0.103			
	0.0988			
	0.0976			
	0.068			
	0.052			
	0.076			
				Inlet to WESP
				Inlet to WESP
				Inlet to WESP
				Outlet to WESP
				Outlet to WESP
				Outlet to WESP
				Inlet to WESP; 4 dryers
				Inlet to WESP; 4 dryers
				Inlet to WESP; 4 dryers
				Outlet of WESP; 4 dryers
				Outlet of WESP; 4 dryers

OSB - FORMALDEHYDE TABLE, Page 6a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
215-062591B	XD215	3	FOR	M0011	OUT	12.1		6.45	0.167
225-020692D	2P225	1	FOR	M0011	OUT	3.24		1.89	
225-020692D	2P225	2	FOR	M0011	OUT	3.63		2.29	
225-020692D	2P225	3	FOR	M0011	OUT	3.91		2.48	
225-020792C	1D225	1	FOR	M0011	OUT	10.27		1.79	0.167
225-020792C	1D225	2	FOR	M0011	OUT	11.14		1.92	0.182
225-020792C	1D225	3	FOR	M0011	OUT	6.88		1.17	0.114
225-041990B	1P225	1	FOR	MN3500	OUT	6.07		2.01	
225-041990B	1P225	2	FOR	MN3500	OUT	5.52		1.83	
225-041990B	1P225	3	FOR	MN3500	OUT	2.88		0.95	
225-041990C	1U225	1	FOR	MN3500	OUT	2.2		0.71	
225-041990C	1U225	2	FOR	MN3500	OUT	2.33		0.76	
225-041990C	1U225	3	FOR	MN3500	OUT	1.75		0.57	

OSB - FORMALDEHYDE TABLE, Page 6b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				Outlet of WESP; 4 dryers
	0.131			
	0.159			
	0.172			
	0.131			Press and unloader emissions are separate, not summed.
	0.12			Press and unloader emissions are separate, not summed.
	0.062			Press and unloader emissions are separate, not summed.
	0.048			Press and unloader emissions are separate, not summed.
	0.052			Press and unloader emissions are separate, not summed.
	0.039			Press and unloader emissions are separate, not summed.

OSB - GENERIC POLLUTANT TABLE, Page 1a of 2(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
044-062392A	1P044	1	PHENOL	TO-8	OUT			0.0402	
044-062392A	1P044	2	PHENOL	TO-8	OUT			0.8864	
044-062392B	1P044	1	PHENOL	TO-8	OUT			1.8567	
044-062392B	1P044	2	PHENOL	TO-8	OUT			1.7329	
069-062492A	1P069	1	NAPHALENE	NM1501	OUT	0.16		0.13	
069-062492A	1P069	2	NAPHALENE	NM1501	OUT	0.17		0.14	
069-062492A	1P069	3	NAPHALENE	NM1501	OUT	0.19		0.16	
069-062492A	1P069	1	PHENOL	N3500	OUT	1.76		1.08	
069-062492A	1P069	2	PHENOL	N3500	OUT	1.83		1.12	
069-062492A	1P069	3	PHENOL	N3500	OUT	2.09		1.27	
070-012893A	1P070	1	NAPHALENE	NM1501	OUT	0.0067		0.014	
070-012893A	1P070	2	NAPHALENE	NM1501	OUT	0.0062		0.013	
070-012893A	1P070	3	NAPHALENE	NM1501	OUT	0.0074		0.016	
070-012893A	1P070	1	PHENOL	MM5	OUT	1.78		2.85	
070-012893A	1P070	2	PHENOL	MM5	OUT	1.5		2.35	
070-012893A	1P070	3	PHENOL	MM5	OUT	1.52		2.38	
088-031193A	1P088	1	MDI	N347	OUT	0.022		0.068	
088-031193A	1P088	2	MDI	N347	OUT	0.019		0.058	
088-031193A	1P088	3	MDI	N347	OUT	0.022		0.066	
088-031193B	1P088	1	MDI	N347	OUT	0.027		0.087	
088-031193B	1P088	2	MDI	N347	OUT	0.033		0.1	
088-031193B	1P088	3	MDI	N347	OUT	0.032		0.1	
088-120992D	1P088	1	PHENOL	M5X	OUT	0.13		0.16	
088-120992D	1P088	2	PHENOL	M5X	OUT	0.14		0.16	
088-120992D	1P088	3	PHENOL	M5X	OUT	0.13		0.16	
088-120992E	1P088	1	PHENOL	N347	OUT	0.029		0.087	
088-120992E	1P088	2	PHENOL	N347	OUT	0.08		0.24	
088-120992E	1P088	3	PHENOL	N347	OUT	0.091		0.22	
088-121588C	2P088	1	PHENOL	M604	OUT	0.094		0.04	
088-121588C	2P088	2	PHENOL	M604	OUT	0.069		0.03	
088-121588C	2P088	3	PHENOL	M604	OUT	0.061		0.026	
088-121588D	1U088	1	PHENOL	M604	OUT	0.043		0.023	
088-121588D	1U088	2	PHENOL	M604	OUT	0.031		0.015	
096-012893B	2P096	1	MDI	N347	OUT	0.0087		0.027	
096-012893B	2P096	2	MDI	N347	OUT	0.0086		0.027	
096-012893B	2P096	3	MDI	N347	OUT	0.0091		0.029	
096-092790A	1P096	1	MDI	N347	OUT			0.026	
096-092790A	1P096	2	MDI	N347	OUT			0.027	
096-092790A	1P096	3	MDI	N347	OUT			0.029	
096-092790B	1P096	1	MDI	N347	OUT			0.015	
096-092790B	1P096	2	MDI	N347	OUT			0.012	
096-092790B	1P096	3	MDI	N347	OUT			0.012	
215-062591A	XD215	1	ACETALD	M0011	IN	3.3		2.7	0.0763

OSB - GENERIC POLLUTANT TABLE, Page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	1.29E-03			
	2.85E-02			
	6.70E-02			
	6.20E-02			
	5.08E-03			
	5.47E-03			
	6.25E-03			
	4.22E-02			
	4.38E-02			
	4.96E-02			
	4.05E-04			
	3.76E-04			
	4.63E-04			
	8.20E-02			Measured phenol in impinger solutions; method 5 train.
	6.80E-02			Measured phenol in impinger solutions; method 5 train.
	6.90E-02			Measured phenol in impinger solutions; method 5 train.
	4.20E-03			
	3.60E-03			
	4.10E-03			
	5.40E-03			
	6.20E-03			
	6.20E-03			
	1.00E-02			
	9.00E-03			
	1.00E-02			
	5.00E-03			
	1.50E-02			
	1.30E-02			
	6.10E-03			Press and unloader emissions are separate, not summed.
	4.60E-03			Press and unloader emissions are separate, not summed.
	4.00E-03			Press and unloader emissions are separate, not summed.
	3.50E-03			Press and unloader emissions are separate, not summed.
	2.30E-03			Press and unloader emissions are separate, not summed.
	1.34E-03			
	1.34E-03			
	1.44E-03			
	1.80E-03			
	1.80E-03			
	2.00E-03			
	9.30E-04			
	7.40E-04			
	7.40E-04			

OSB - GENERIC POLLUTANT TABLE, Page 2a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
215-062591A	XD215	2	ACETALD	M0011	IN	11.3		8.86	0.228
215-062591A	XD215	3	ACETALD	M0011	IN	4.98		3.77	0.097
215-062591A	XD215	1	ACETONE	M0011	IN	0.68		0.73	0.021
215-062591A	XD215	2	ACETONE	M0011	IN	3.5		3.61	0.093
215-062591A	XD215	3	ACETONE	M0011	IN	0.98		0.98	0.025
215-062591A	XD215	1	ACROLEIN	M0011	IN	0.58		0.61	0.017
215-062591A	XD215	2	ACROLEIN	M0011	IN	2.51		2.5	0.064
215-062591A	XD215	3	ACROLEIN	M0011	IN	0.89		0.86	0.022
215-062591A	XD215	1	BUTYLALDEH	M0011	IN	0.0877		0.304	0.036
215-062591A	XD215	2	BUTYLALDEH	M0011	IN	0.118		0.389	0.044
215-062591A	XD215	3	BUTYLALDEH	M0011	IN	0.0033		0.01	0.0011
215-062591A	XD215	1	CROTONALD	M0011	IN	0.16		0.21	0.006
215-062591A	XD215	2	CROTONALD	M0011	IN	0.66		0.82	0.021
215-062591A	XD215	3	CROTONALD	M0011	IN	0.11		0.13	0.0034
215-062591A	XD215	1	PROPIONALD	M0011	IN	0.132		0.14	0.004
215-062591A	XD215	2	PROPIONALD	M0011	IN	0.522		0.54	0.014
215-062591A	XD215	3	PROPIONALD	M0011	IN	0.508		0.51	0.013
215-062591B	XD215	1	ACETALD	M0011	OUT	3.32		2.68	0.076
215-062591B	XD215	2	ACETALD	M0011	OUT	5.18		4.01	0.103
215-062591B	XD215	3	ACETALD	M0011	OUT	4.47		3.51	0.091
215-062591B	XD215	1	ACETONE	M0011	OUT	0.87		0.93	0.026
215-062591B	XD215	2	ACETONE	M0011	OUT	1.42		1.45	0.037
215-062591B	XD215	3	ACETONE	M0011	OUT	1.17		1.21	0.031
215-062591B	XD215	1	ACROLEIN	M0011	OUT	0.93		0.96	0.027
215-062591B	XD215	2	ACROLEIN	M0011	OUT	1.33		1.31	0.034
215-062591B	XD215	3	ACROLEIN	M0011	OUT	1.31		1.31	0.034
215-062591B	XD215	1	BUTYLALDEH	M0011	OUT	0.097		0.129	0.0036
215-062591B	XD215	2	BUTYLALDEH	M0011	OUT	0.475		0.601	0.016
215-062591B	XD215	3	BUTYLALDEH	M0011	OUT	0.117		0.151	0.0039
215-062591B	XD215	1	CROTONALD	M0011	OUT	0.35		0.46	0.013
215-062591B	XD215	2	CROTONALD	M0011	OUT	0.23		0.28	0.007
215-062591B	XD215	3	CROTONALD	M0011	OUT	0.44		0.55	0.014
215-062591B	XD215	1	PROPIONALD	M0011	OUT	0.342		0.36	0.01
215-062591B	XD215	2	PROPIONALD	M0011	OUT	0.251		0.26	0.007
215-062591B	XD215	3	PROPIONALD	M0011	OUT	0.406		0.42	0.011

OSB - GENERIC POLLUTANT TABLE, Page 2b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments

OSB - NITROGEN OXIDES TABLE, Page 1a of 1(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
044-062392A	1P044	1	NOX	M7E	OUT			0.24	
044-062392A	1P044	2	NOX	M7E	OUT			0.09	
044-092193A	XD044	1	NOX	M7E	IN			6.2	
044-092193A	XD044	2	NOX	M7E	IN			4.7	
044-092193A	XD044	3	NOX	M7E	IN			4.96	
044-092193B	XD044	1	NOX	M7E	OUT			0.35	
044-092193B	XD044	2	NOX	M7E	OUT			0.74	
044-092193B	XD044	3	NOX	M7E	OUT			0.71	
052-011493B	XD052	1	NOX	M7	OUT	21		23.7	0.703
052-011493B	XD052	2	NOX	M7	OUT	21		22.6	0.604
052-011493B	XD052	3	NOX	M7	OUT	17		18.4	0.478
069-071592A	1D069	1	NOX	M7	OUT	8.5		2.05	
069-071592A	1D069	2	NOX	M7	OUT	13.6		3.28	
069-071592A	1D069	3	NOX	M7	OUT	9		2.17	
069-071692A	2D069	1	NOX	M7	OUT	9.9		2.48	
069-071692A	2D069	2	NOX	M7	OUT	11.1		2.79	
070-031992B	2D070	1	NOX	M7E	OUT	2		0.38	0.036
070-031992B	2D070	2	NOX	M7E	OUT				
070-031992B	2D070	3	NOX	M7E	OUT	15		2.98	0.284
070-042492B	3D070	1	NOX	M7E	OUT	17.3		3.9	0.35
070-042492B	3D070	2	NOX	M7E	OUT	16.9		5	0.36
070-042492B	3D070	3	NOX	M7E	OUT	16.2		3.9	0.35
088-120892A	1D088	1	NOX	M7	OUT	23		5.6	0.487
088-120892A	1D088	2	NOX	M7	OUT	26		6.6	0.574
088-120892A	1D088	3	NOX	M7	OUT	24		6	0.522
097-100590A	XD097	1	NOX	M7	OUT	24		7.5	0.38
097-100590A	XD097	2	NOX	M7	OUT	21		7.2	0.37
097-100590A	XD097	3	NOX	M7	OUT	22		7.4	0.38
127-082190A	1D127	1	NOX	M7	OUT	75.3		7.8	1.26
127-082190A	1D127	2	NOX	M7	OUT	82.1		8.5	1.37
127-082190A	1D127	3	NOX	M7	OUT	64.9		6.8	1.1
127-091289A	2D127	1	NOX	M7	OUT	58		7.7	1.5
127-091289A	2D127	2	NOX	M7	OUT	59.2		8	1.56
127-091289A	2D127	3	NOX	M7	OUT	55.5		7.5	1.46
210-022489A	1D210	1	NOX	M7	OUT	35.3		8.1	0.697
210-022489A	1D210	2	NOX	M7	OUT	47.3		10.8	0.935
210-022489A	1D210	3	NOX	M7	OUT	33.3		7.6	0.655
215-062591B	XD215	1	NOX	M7E	OUT	32		25.4	0.72
215-062591B	XD215	2	NOX	M7E	OUT	20		16	0.41
215-062591B	XD215	3	NOX	M7E	OUT	21		17	0.44

OSB - NITROGEN OXIDES TABLE, Page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.008			
	0.003			
				Inlet, wet production data available, see reports table.
				Inlet, wet production data available, see reports table.
				Inlet, wet production data available, see reports table.
				Outlet, wet production data available, see reports table.
				Outlet, wet production data available, see reports table.
				Outlet, wet production data available, see reports table.
				Four dryers combined, boiler flue gas provides heat.
				Four dryers combined, boiler flue gas provides heat.
				Four dryers combined, boiler flue gas provides heat.
				No run 2 data.

OSB - PARTICULATE MATTER (PM) TABLE, Page 1a of 6(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
041-052192A	XD041	1	PM	M5	IN		0.0931	100.8	5.87
041-052192A	XD041	2	PM	M5	IN		0.0932	99.6	4.69
041-052192A	XD041	3	PM	M5	IN		0.0795	80.2	4.64
041-052192B	XD041	1	PM	M5	OUT		0.0326	29.4	1.71
041-052192B	XD041	2	PM	M5	OUT		0.0435	31.6	1.49
041-052192B	XD041	3	PM	M5	OUT		0.024	19.2	1.11
041-063092A	XD041	1	PM	OD7	IN		0.106	111.4	6.62
041-063092A	XD041	2	PM	OD7	IN		0.116	112.5	6.74
041-063092A	XD041	3	PM	OD7	IN		0.1085	107.4	6.58
041-063092B	XD041	1	PM	OD7	OUT		0.0268	27.25	1.62
041-063092B	XD041	2	PM	OD7	OUT		0.0283	25.8	1.54
041-063092B	XD041	3	PM	OD7	OUT		0.0349	34.43	2.11
041-121792A	XD041	1	PM	M5	OUT		0.0131	10.68	0.645
041-121792A	XD041	2	PM	M5	OUT		0.0177	13.65	0.826
041-121792A	XD041	3	PM	M5	OUT		0.0159	12.57	0.751
041-121792B	XD041	1	PM	M5	IN		0.1028	90.56	5.47
041-121792B	XD041	2	PM	M5	IN		0.0824	67.92	4.11
041-121792B	XD041	3	PM	M5	IN		0.0828	72.55	4.33
044-062392A	1P044	1	PM	M5	OUT			8.97	
044-062392A	1P044	2	PM	M5	OUT			5.83	
044-062392B	1P044	1	PM	M5	OUT			5.62	
044-062392B	1P044	2	PM	M5	OUT			8.46	
044-092393A	1P044	1	PM	M5	OUT			5.166	
044-092393A	1P044	2	PM	M5	OUT			3.908	
044-092393A	1P044	3	PM	M5	OUT			4.106	
044-102588A	XD044	1	PM	M5	IN		0.134	80.27	4.095
044-102588A	XD044	2	PM	M5	IN		0.0998	54.36	2.652
044-102588A	XD044	3	PM	M5	IN		0.1038	55.95	2.69
044-102588B	XD044	1	PM	M5	OUT		0.0073	3.65	0.186
044-102588B	XD044	2	PM	M5	OUT		0.0078	3.7	0.18
044-102588B	XD044	3	PM	M5	OUT		0.009	4.31	0.207
044-102588C	XD044	1	PM	M5	IN		0.126	78.28	
044-102588D	XD044	1	PM	M5	OUT		0.011	5.86	
052-011493A	XD052	1	PM	M5	IN		0.153	185.5	5.5
052-011493A	XD052	2	PM	M5	IN		0.123	148.6	3.97
052-011493A	XD052	3	PM	M5	IN		0.13	158.6	4.12
052-011493B	XD052	1	PM	M5	OUT		0.013	17	0.504
052-011493B	XD052	2	PM	M5	OUT		0.023	30.1	0.805
052-011493B	XD052	3	PM	M5	OUT		0.016	20.8	0.54
069-062492A	1P069	1	PM	M5	OUT		0.0017	0.6	
069-062492A	1P069	2	PM	M5	OUT		0.0018	0.64	
069-062492A	1P069	3	PM	M5	OUT		0.0022	0.79	
069-081491A	1D069	1	PM	M5	IN				

OSB - PARTICULATE MATTER (PM) TABLE, Page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				Inlet to WESP
				Inlet to WESP
				Inlet to WESP
				Outlet to WESP
				Outlet to WESP
				Outlet to WESP
				Inlet to WESP
				Inlet to WESP
				Inlet to WESP
				Outlet from WESP
				Outlet from WESP
				Outlet from WESP
				Outlet from WESP
				Outlet from WESP
				Outlet from WESP
				Inlet to WESP
				Inlet to WESP
				Inlet to WESP
	0.2886			Sum of vents for each run.
	0.1876			Sum of vents for each run.
	0.2028			Sum of vents for each run.
	0.3053			Sum of vents for each run.
	0.174			Sum of vents for each run.
	0.123			Sum of vents for each run.
	0.146			Sum of vents for each run.
				4 Dryers to a common stack.
				4 Dryers to a common stack.
				4 Dryers to a common stack.
				4 Dryers to a common stack.
				4 Dryers to a common stack.
				4 Dryers to a common stack.
	0.0234			
	0.025			
	0.031			

OSB - PARTICULATE MATTER (PM) TABLE, Page 2a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
069-081491A	1D069	2	PM	M5	IN		0.122	28.8	
069-081491A	1D069	3	PM	M5	IN		0.113	28.1	
069-081491B	1D069	1	PM	M5	OUT		0.032	7.4	
069-081491B	1D069	2	PM	M5	OUT		0.015	3.5	
069-081491B	1D069	3	PM	M5	OUT		0.015	3.6	
069-081591A	2D069	1	PM	M5	IN		0.156	37.4	
069-081591A	2D069	2	PM	M5	IN		0.131	31.9	
069-081591B	2D069	1	PM	M5	OUT		0.016	3.6	
069-081591B	2D069	2	PM	M5	OUT		0.015	3.9	
069-081591B	2D069	3	PM	M5	OUT		0.032	8.2	
069-081992A	1D069	1	PM	M5	IN		0.157	37.57	
069-081992A	1D069	2	PM	M5	IN		0.152	35.26	
069-081992A	1D069	3	PM	M5	IN		0.159	41.59	
069-081992B	1D069	1	PM	M5	OUT		0.014	4.34	
069-081992B	1D069	2	PM	M5	OUT		0.014	4.17	
069-081992B	1D069	3	PM	M5	OUT		0.021	6.28	
069-082092A	2D069	1	PM	M5	IN		0.133	33.8	
069-082092A	2D069	2	PM	M5	IN		0.132	33.34	
069-082092A	2D069	3	PM	M5	IN		0.14	35.38	
069-082092B	2D069	1	PM	M5	OUT		0.0114	3.32	
069-082092B	2D069	2	PM	M5	OUT		0.0083	2.4	
069-082092B	2D069	3	PM	M5	OUT		0.0085	2.44	
069-121390A	2D069	1	PM	M5	OUT		0.02	5.7	
069-121390A	2D069	2	PM	M5	OUT		0.017	4.58	
069-121390A	2D069	3	PM	M5	OUT		0.02	5.13	
069-121390B	1D069	1	PM	M5	OUT		0.024	6.1	
069-121390B	1D069	2	PM	M5	OUT		0.049	11.88	
069-121390B	1D069	3	PM	M5	OUT		0.13	31.94	
069-121390C	2D069	1	PM	M5	IN		0.135	31.41	
069-121390C	2D069	2	PM	M5	IN		0.163	36.2	
069-121390C	2D069	3	PM	M5	IN		0.163	36.89	
070-031992A	2D070	1	PM	G5T	IN		0.136	33.6	3.2
070-031992A	2D070	2	PM	G5T	IN		0.09	22.5	2.14
070-031992A	2D070	3	PM	G5T	IN		0.1	24.7	2.35
070-031992B	2D070	1	PM	G5T	OUT		0.0206	4.7	0.45
070-031992B	2D070	2	PM	G5T	OUT		0.0281	6.44	0.61
070-031992B	2D070	3	PM	G5T	OUT		0.0158	3.74	0.36
070-042392B	1D070	2	PM	G5T	OUT		0.0141	3.8	0.362
070-042392B	1D070	3	PM	G5T	OUT		0.0135	3.59	0.342
070-042392B	1D070	4	PM	G5T	OUT		0.0097	2.78	0.265
070-042492B	3D070	1	PM	G5T	OUT		0.0263	7.03	0.628
070-042492B	3D070	2	PM	G5T	OUT		0.013	3.7	0.33
070-042492B	3D070	3	PM	G5T	OUT		0.0289	8.39	0.749

OSB - PARTICULATE MATTER (PM) TABLE, Page 2b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				Inlet concentration
				Inlet concentration
				Inlet concentration
				Outlet concentration
				Outlet concentration
				Outlet concentration
				Inlet
				Inlet
				Inlet
				Outlet
				Outlet
				Outlet
				Outlet
				Outlet
				Outlet
				Outlet
				Outlet
				Outlet
				Inlet
				Inlet
				Inlet

OSB - PARTICULATE MATTER (PM) TABLE, Page 3a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
070-062891A	1D070	1	PM	G5T	IN				
070-062891A	1D070	2	PM	G5T	IN		0.1043	24.24	2.26
070-062891A	1D070	3	PM	G5T	IN		0.1182	26.75	2.44
070-062891B	1D070	1	PM	G5T	OUT		0.0145	3.67	0.332
070-062891B	1D070	2	PM	G5T	OUT		0.0112	2.76	0.257
070-062891B	1D070	3	PM	G5T	OUT		0.0095	2.25	0.205
070-062891C	3D070	1	PM	G5T	IN		0.138	28.5	4.6
070-062891C	3D070	2	PM	G5T	IN		0.127	26.9	4.2
070-062891C	3D070	3	PM	G5T	IN		0.119	26.8	3.12
070-062891D	3D070	1	PM	G5T	OUT		0.016	3.76	0.61
070-062891D	3D070	2	PM	G5T	OUT		0.008	1.61	0.25
070-062891D	3D070	3	PM	G5T	OUT		0.006	1.31	0.15
070-101091A	2D070	1	PM	G5T	IN		0.097		1.91
070-101091A	2D070	2	PM	G5T	IN		0.22		4.47
070-101091A	2D070	3	PM	G5T	IN		0.294		5.97
070-101091B	2D070	1	PM	G5T	OUT		0.019		0.43
070-101091B	2D070	2	PM	G5T	OUT		0.051		1.17
070-101091B	2D070	3	PM	G5T	OUT		0.047		1.07
070-101091C	3D070	1	PM	G5T	IN		0.074		1.48
070-101091C	3D070	2	PM	G5T	IN		0.101		2.08
070-101091C	3D070	3	PM	G5T	IN		0.053		1.08
070-101091D	3D070	1	PM	G5T	OUT		0.018		0.35
070-101091D	3D070	2	PM	G5T	OUT		0.019		0.4
070-101091D	3D070	3	PM	G5T	OUT		0.016		0.31
070-101091E	2D070	1	PM	G5T	IN				
070-101091F	2D070	1	PM	G5T	OUT		0.018		0.86
070-101091G	3D070	1	PM	G5T	IN		0.036		1.4
070-101091H	3D070	1	PM	G5T	OUT		0.009		0.4
070-102192A	3D070	1	PM	M5	IN		0.1665	44.37	4.93
070-102192A	3D070	2	PM	M5	IN		0.1129	30.15	3.35
070-102192A	3D070	3	PM	M5	IN		0.1127	30.08	3.34
070-102192B	3D070	1	PM	M5	OUT		0.0173	5.59	0.621
070-102192B	3D070	2	PM	M5	OUT		0.017	5.38	0.598
070-102192B	3D070	3	PM	M5	OUT		0.0158	5.12	0.569
083-060988A	YD083	1	PM	M5	OUT		0.0246	12.93	0.851
083-060988A	YD083	2	PM	M5	OUT		0.0181	9.38	0.617
083-060988A	YD083	3	PM	M5	OUT		0.0145	7.58	0.499
083-061088A	XD083	1	PM	M5	OUT		0.0204	10.45	0.679
083-061088A	XD083	2	PM	M5	OUT		0.0226	11.45	0.749
083-061088A	XD083	3	PM	M5	OUT		0.0215	11.1	0.721
088-120892A	1D088	1	PM	M5	OUT		0.0294	8.83	0.77
088-120892A	1D088	2	PM	M5	OUT		0.024	7.15	0.62
088-120892A	1D088	3	PM	M5	OUT		0.0329	10.07	0.88

OSB - PARTICULATE MATTER (PM) TABLE, Page 3b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments

OSB - PARTICULATE MATTER (PM) TABLE, Page 4a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
088-121092A	1P088	1	PM	M5	OUT		0.00354	2.47	
088-121092A	1P088	2	PM	M5	OUT		0.00336	2.33	
088-121092A	1P088	3	PM	M5	OUT		0.00232	1.6	
088-121488A	1D088	1	PM	M5	OUT		0.0314	9.34	0.973
088-121488A	1D088	2	PM	M5	OUT		0.0178	5.29	0.551
088-121488A	1D088	3	PM	M5	OUT		0.0232	7.01	0.73
096-012793A	2D096	1	PM	M5	OUT		0.0102	2.8	0.221
096-012793A	2D096	2	PM	M5	OUT		0.00908	2.52	0.196
096-012793A	2D096	3	PM	M5	OUT		0.0101	2.74	0.213
096-012793C	2D096	1	PM	M5	IN		0.1765	40.87	3.22
096-012793C	2D096	2	PM	M5	IN		0.1021	23.75	1.87
096-012793C	2D096	3	PM	M5	IN		0.132	30.45	2.4
096-012893A	2P096	1	PM	M5	OUT		0.00289	2.02	
096-012893A	2P096	2	PM	M5	OUT		0.00277	1.92	
096-012893A	2P096	3	PM	M5	OUT		0.00282	1.92	
096-060490A	1P096	1	PM	M5	OUT		0.011	2.67	
096-060490A	1P096	2	PM	M5	OUT		0.00478	1.13	
096-060490A	1P096	3	PM	M5	OUT		0.00242	0.581	
096-060490C	1P096	1	PM	M5	OUT		0.00256	0.606	
096-060490C	1P096	2	PM	M5	OUT		0.00519	1.26	
096-060490C	1P096	3	PM	M5	OUT		0.00128	0.31	
096-060590A	1D096	1	PM	M5	OUT		0.0253	7.16	0.925
096-060590A	1D096	2	PM	M5	OUT		0.0254	7.18	0.928
096-060590A	1D096	3	PM	M5	OUT		0.0252	6.46	0.835
096-060590C	1D096	1	PM	M5	OUT		0.00267	7.13	0.609
096-060590C	1D096	2	PM	M5	OUT		0.033	8.76	0.749
096-060590C	1D096	3	PM	M5	OUT		0.0386	10.27	0.878
096-060590E	1P096	1	PM	M5	OUT		0.00254	0.627	
096-060590E	1P096	2	PM	M5	OUT		0.00154	0.369	
096-060590E	1P096	3	PM	M5	OUT		0.00266	0.653	
096-060590F	1P096	1	PM	M5	OUT		0.00349	0.822	
096-060590F	1P096	2	PM	M5	OUT		0.00452	1.04	
096-060590F	1P096	3	PM	M5	OUT		0.0041	0.982	
096-060690B	1P096	1	PM	M5	OUT		0.00468	1.08	
096-060690B	1P096	2	PM	M5	OUT		0.0035	0.801	
096-060690B	1P096	3	PM	M5	OUT		0.00212	0.504	
096-060690C	1P096	1	PM	M5	OUT		0.00132	0.31	
096-060690C	1P096	2	PM	M5	OUT		0.00128	0.31	
096-060690C	1P096	3	PM	M5	OUT		0.00523	1.27	
096-060790A	1P096	1	PM	M5	OUT		0.00314	0.738	
096-060790A	1P096	2	PM	M5	OUT		0.00104	0.257	
096-060790A	1P096	3	PM	M5	OUT		0.00327	0.759	
096-060790B	1P096	1	PM	M5	OUT		0.00371	0.835	

OSB - PARTICULATE MATTER (PM) TABLE, Page 4b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.148			
	0.14			
	0.096			
	0.1			
	0.0953			
	0.0953			
	0.218			
	0.0922			
	0.0474			
	0.0543			
	0.113			
	0.0278			
	0.0363			
	0.0214			
	0.0378			
	0.0436			
	0.055			
	0.0521			
	0.0547			
	0.0406			
	0.0255			
	0.0252			
	0.0252			
	0.103			
	0.0589			
	0.0205			
	0.0606			
	0.0479			

OSB - PARTICULATE MATTER (PM) TABLE, Page 5a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
096-060790B	1P096	2	PM	M5	OUT		0.00394	0.922	
096-060790B	1P096	3	PM	M5	OUT		0.00609	1.43	
096-060790C	1D096	1	PM	M5	OUT		0.014	4.64	0.38
096-060790C	1D096	2	PM	M5	OUT		0.0176	5.66	0.464
096-060790C	1D096	3	PM	M5	OUT		0.0178	5.79	0.475
096-060890A	1P096	1	PM	M5	OUT		0.00422	1.04	
096-060890A	1P096	2	PM	M5	OUT		0.00492	1.16	
096-060890A	1P096	3	PM	M5	OUT		0.00383	0.911	
096-060890B	1P096	1	PM	M5	OUT		0.00514	1.27	
096-060890B	1P096	2	PM	M5	OUT		0.00493	1.13	
096-060890B	1P096	3	PM	M5	OUT		0.00565	1.37	
096-060890C	1D096	1	PM	M5	OUT		0.01	3.18	0.386
096-060890C	1D096	2	PM	M5	OUT		0.0193	5.85	0.71
096-060890C	1D096	3	PM	M5	OUT		0.0101	3.06	0.371
097-061490A	XD097	1	PM	M5	OUT		0.0313	13.45	0.715
097-061490A	XD097	2	PM	M5	OUT		0.0212	9.39	0.499
097-061490A	XD097	3	PM	M5	OUT		0.0259	11.49	0.611
097-061588A	2D097	1	PM	M5	OUT		0.271	60.27	7.34
097-061588A	2D097	2	PM	M5	OUT		0.313	70.22	8.55
097-061588A	2D097	3	PM	M5	OUT		0.343	75.41	9.19
097-061688A	1D097	1	PM	M5	OUT		0.124	26.92	3.13
097-061688A	1D097	2	PM	M5	OUT		0.107	22.89	2.66
097-061688A	1D097	3	PM	M5	OUT		0.126	27.79	3.23
097-080290B	XD097	1	PM	M5	OUT		0.0363	16.82	0.863
097-080290B	XD097	2	PM	M5	OUT		0.036	16.73	0.857
097-080290B	XD097	3	PM	M5	OUT		0.033	15.67	0.804
097-091189A	2D097	1	PM	M5	OUT		0.309	79.91	8.34
097-091189A	2D097	2	PM	M5	OUT		0.33	80.79	8.43
097-091189A	2D097	3	PM	M5	OUT		0.374	89.17	9.31
097-091289A	1D097	1	PM	M5	OUT		0.118	24.57	2.82
097-091289A	1D097	2	PM	M5	OUT		0.107	22.67	2.6
097-091289A	1D097	3	PM	M5	OUT		0.126	26.34	3.02
097-100590A	XD097	1	PM	M5	OUT		0.1302	12.56	0.65
097-100590A	XD097	2	PM	M5	OUT		0.0296	12.4	0.64
097-100590A	XD097	3	PM	M5	OUT		0.0308	12.6	0.65
097-122089A	XD097	1	PM	M5	OUT		0.0606	29.6	1.47
097-122089A	XD097	2	PM	M5	OUT		0.0434	20.84	1.03
097-122089A	XD097	3	PM	M5	OUT		0.0467	22.41	1.11
210-021192A	1D210	1	PM	M5	OUT		0.145	39.6	2.87
210-021192A	1D210	2	PM	M5	OUT		0.176	46.4	3.37
210-021192A	1D210	3	PM	M5	OUT		0.134	36.73	2.67
210-021292C	1P210	1	PM	M5	OUT		0.00424	2.49	
210-021292C	1P210	2	PM	M5	OUT		0.00667	3.59	

OSB - PARTICULATE MATTER (PM) TABLE, Page 5b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.0528			
	0.0819			
	0.0867			
	0.0967			
	0.076			
	0.0652			
	0.058			
	0.0704			
	0.148			
	0.214			

OSB - PARTICULATE MATTER (PM) TABLE, Page 6a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
210-021292C	1P210	3	PM	M5	OUT		0.0051	2.99	
210-042292A	1D210	1	PM	M5	OUT		0.0626	15.81	1.14
210-042292A	1D210	2	PM	M5	OUT		0.0776	19.17	1.38
210-042292A	1D210	3	PM	M5	OUT		0.0754	18.54	1.34
211-022592A	1P211	1	PM	M5	OUT		0.00327	3.46	
211-022592A	1P211	2	PM	M5	OUT		0.00209	2.23	
211-022592A	1P211	3	PM	M5	OUT		0.00205	2.17	
211-041191A	1D211	1	PM	M5	OUT		0.022	5.8	0.636
211-041191A	1D211	2	PM	M5	OUT		0.021	5.8	0.636
211-041191A	1D211	3	PM	M5	OUT		0.021	5.8	0.636
212-101191A	1D212	1	PM	M5	OUT		0.031	7.38	0.612
212-101191A	1D212	2	PM	M5	OUT		0.017	4.45	0.367
212-101191A	1D212	3	PM	M5	OUT		0.0216	5.16	0.428
215-042089A	XD215	1	PM	M5	IN		0.1342	131.5	3.91
215-042089A	XD215	2	PM	M5	IN		0.044	46.6	1.23
215-042089A	XD215	3	PM	M5	IN		0.3096	303.4	7.95
215-042089B	XD215	1	PM	M5	OUT		0.0117	11.7	0.35
215-042089B	XD215	2	PM	M5	OUT		0.0137	14.6	0.38
215-042089B	XD215	3	PM	M5	OUT		0.0109	10.8	0.28
215-062591A	XD215	1	PM	M5	IN		0.108	2.92	0.082
215-062591A	XD215	2	PM	M5	IN		0.146	3.67	0.095
215-062591A	XD215	3	PM	M5	IN		0.16	4.03	0.104
215-062591B	XD215	1	PM	M5	OUT		0.009	0.23	0.006
215-062591B	XD215	2	PM	M5	OUT		0.016	0.4	0.01
215-062591B	XD215	3	PM	M5	OUT		0.013	0.34	0.009
215-062591C	YD215	2	PM	OD7	IN		0.097	2.22	0.22
215-062591D	YD215	2	PM	OD7	IN		0.063	2.51	0.433
225-020692A	2P225	1	PM	M5	OUT		0.00299	3.42	
225-020692A	2P225	2	PM	M5	OUT		0.0038	3.69	
225-020692A	2P225	3	PM	M5	OUT		0.00277	3.03	
225-020792A	1D225	1	PM	M5	OUT		0.0399	12.76	1.21
225-020792A	1D225	2	PM	M5	OUT		0.0316	9.74	0.924
225-020792A	1D225	3	PM	M5	OUT		0.0322	10	0.949

OSB - PARTICULATE MATTER (PM) TABLE, Page 6b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.178			
	0.076			
	0.049			
	0.048			
				Values checked and are OK.
				Values checked and are OK.
				Values checked and are OK.
				Inlet to WESP
				Inlet to WESP; some question about the validity of this run.
				Inlet to WESP
				Outlet from WESP
				Outlet from WESP
				Outlet from WESP
	0.237			
	0.256			
	0.21			

OSB - PM + CPM (TOTAL PARTICULATE) TABLE, Page 1a of 5(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
041-063092A	XD041	1	PM&CPM	OD7	IN		0.126	132.5	7.88
041-063092A	XD041	2	PM&CPM	OD7	IN		0.128	124	7.43
041-063092A	XD041	3	PM&CPM	OD7	IN		0.121	120	7.35
041-063092B	XD041	1	PM&CPM	OD7	OUT		0.0351	35.6	2.12
041-063092B	XD041	2	PM&CPM	OD7	OUT		0.0341	31.12	1.86
041-063092B	XD041	3	PM&CPM	OD7	OUT		0.0419	41.3	2.53
041-121792A	XD041	1	PM&CPM	M5	OUT		0.0216	17.64	1.07
041-121792A	XD041	2	PM&CPM	M5	OUT		0.0237	18.32	1.11
041-121792A	XD041	3	PM&CPM	M5	OUT		0.0214	16.99	1.03
041-121792B	XD041	1	PM&CPM	M5	IN		0.107	94.23	5.69
041-121792B	XD041	2	PM&CPM	M5	IN		0.0932	76.83	4.64
041-121792B	XD041	3	PM&CPM	M5	IN		0.0914	80.52	4.86
044-062392A	1P044	1	PM&CPM	M5/OD7	OUT			19.77	
044-062392A	1P044	2	PM&CPM	M5/OD7	OUT			14.99	
044-062392B	1P044	1	PM&CPM	M5/OD7	OUT			13.17	
044-062392B	1P044	2	PM&CPM	M5/OD7	OUT			12.63	
044-092393A	1P044	1	PM&CPM	M5	OUT			10.911	
044-092393A	1P044	2	PM&CPM	M5	OUT			9.644	
044-092393A	1P044	3	PM&CPM	M5	OUT			9.025	
044-102588A	XD044	1	PM&CPM	M5	IN		0.317	189.81	9.68
044-102588A	XD044	2	PM&CPM	M5	IN		0.232	126.38	6.17
044-102588A	XD044	3	PM&CPM	M5	IN		0.265	142.75	6.86
044-102588B	XD044	1	PM&CPM	M5	OUT		0.0128	6.45	0.329
044-102588B	XD044	2	PM&CPM	M5	OUT		0.0141	6.68	0.326
044-102588B	XD044	3	PM&CPM	M5	OUT		0.016	7.65	0.368
044-102588C	XD044	1	PM&CPM	M5	IN		0.19	118.17	
044-102588D	XD044	1	PM&CPM	M5	OUT		0.015	7.97	
069-081491A	1D069	1	PM&CPM	M5/202	IN				
069-081491A	1D069	2	PM&CPM	M5/202	IN		0.236	55.75	
069-081491A	1D069	3	PM&CPM	M5/202	IN		0.199	49.49	
069-081491B	1D069	1	PM&CPM	M5/202	OUT		0.053	12.25	
069-081491B	1D069	2	PM&CPM	M5/202	OUT		0.037	8.71	
069-081491B	1D069	3	PM&CPM	M5/202	OUT		0.031	7.37	
069-081591A	2D069	1	PM&CPM	M5/202	IN		0.215	51.85	
069-081591A	2D069	2	PM&CPM	M5/202	IN		0.161	39.55	
069-081591A	2D069	3	PM&CPM	M5/202	IN				
069-081591B	2D069	1	PM&CPM	M5/202	OUT		0.036	8.55	
069-081591B	2D069	2	PM&CPM	M5/202	OUT		0.051	13.13	
069-081591B	2D069	3	PM&CPM	M5/202	OUT		0.049	12.84	
069-081992A	1D069	1	PM&CPM	M5/202	IN		0.211	50.41	
069-081992A	1D069	2	PM&CPM	M5/202	IN		0.232	53.96	
069-081992A	1D069	3	PM&CPM	M5/202	IN		0.242	63.41	
069-081992B	1D069	1	PM&CPM	M5/202	OUT		0.0391	11.8	

OSB - PM + CPM (TOTAL PARTICULATE) TABLE, Page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				Methods 5 + 5A
				Methods 5 + 5A
				Methods 5 + 5A
				Methods 5 + 5A
				Methods 5 + 5A
				Methods 5 + 5A
	0.636			
	0.482			
	0.475			2nd run for 2nd stack dismissed (too large).
	0.456			
	0.367			
	0.304			
	0.321			
				Inlet.
				Inlet.
				Inlet.
				Outlet.
				Outlet.
				Outlet.
				Inlet without wash.
				Outlet without wash.
				Inlet
				Inlet
				Inlet
				Outlet

OSB - PM + CPM (TOTAL PARTICULATE) TABLE, Page 2a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
069-081992B	1D069	2	PM&CPM	M5/202	OUT		0.0252	7.5	
069-081992B	1D069	3	PM&CPM	M5/202	OUT		0.0368	10.91	
069-082092A	2D069	1	PM&CPM	M5/202	IN		0.18	45.89	
069-082092A	2D069	2	PM&CPM	M5/202	IN		0.177	44.92	
069-082092A	2D069	3	PM&CPM	M5/202	IN		0.204	51.61	
069-082092B	2D069	1	PM&CPM	M5/202	OUT		0.0205	6	
069-082092B	2D069	2	PM&CPM	M5/202	OUT		0.0238	6.89	
069-082092B	2D069	3	PM&CPM	M5/202	OUT		0.0535	15.42	
069-121390A	2D069	1	PM&CPM	M5/202	OUT		0.03	8.71	
069-121390A	2D069	2	PM&CPM	M5/202	OUT		0.025	6.69	
069-121390A	2D069	3	PM&CPM	M5/202	OUT		0.029	7.41	
069-121390B	1D069	1	PM&CPM	M5/202	OUT		0.031	7.91	
069-121390B	1D069	2	PM&CPM	M5/202	OUT		0.073	17.61	
069-121390B	1D069	3	PM&CPM	M5/202	OUT		0.159	38.92	
069-121390C	2D069	1	PM&CPM	M5/202	IN		0.163	37.93	
069-121390C	2D069	2	PM&CPM	M5/202	IN		0.195	43.34	
069-121390C	2D069	3	PM&CPM	M5/202	IN		0.189	42.84	
070-031992A	2D070	1	PM&CPM	G5T	IN			61.68	5.87
070-031992A	2D070	2	PM&CPM	G5T	IN			54.33	5.17
070-031992A	2D070	3	PM&CPM	G5T	IN			52.44	4.99
070-031992B	2D070	1	PM&CPM	G5T	OUT		0.0592	13.5	1.29
070-031992B	2D070	2	PM&CPM	G5T	OUT		0.0582	13.34	1.27
070-031992B	2D070	3	PM&CPM	G5T	OUT		0.0495	11.74	1.12
070-042392B	1D070	2	PM&CPM	G5T	OUT		0.0247	6.66	0.634
070-042392B	1D070	3	PM&CPM	G5T	OUT		0.026	6.9	0.657
070-042392B	1D070	4	PM&CPM	G5T	OUT		0.0202	5.79	0.551
070-042492B	3D070	1	PM&CPM	G5T	OUT		0.0568	15.2	1.36
070-042492B	3D070	2	PM&CPM	G5T	OUT		0.0425	12.1	1.08
070-042492B	3D070	3	PM&CPM	G5T	OUT		0.0478	13.9	1.24
070-062891A	1D070	1	PM&CPM	G5T	IN				
070-062891A	1D070	2	PM&CPM	G5T	IN			58.91	5.5
070-062891A	1D070	3	PM&CPM	G5T	IN			58	5.3
070-062891B	1D070	1	PM&CPM	G5T	OUT			8.74	0.792
070-062891B	1D070	2	PM&CPM	G5T	OUT			10.84	1.011
070-062891B	1D070	3	PM&CPM	G5T	OUT			12.33	1.126
070-062891C	3D070	1	PM&CPM	G5T	IN		0.2377	49.16	7.93
070-062891C	3D070	2	PM&CPM	G5T	IN		0.1819	38.71	6.05
070-062891C	3D070	3	PM&CPM	G5T	IN		0.1466	32.99	3.84
070-062891D	3D070	1	PM&CPM	G5T	OUT		0.0523	12.21	1.97
070-062891D	3D070	2	PM&CPM	G5T	OUT		0.0342	7.21	1.13
070-062891D	3D070	3	PM&CPM	G5T	OUT		0.0293	6.22	0.72
070-101091A	2D070	1	PM&CPM	G5T	IN		0.254		5.01
070-101091A	2D070	2	PM&CPM	G5T	IN		0.316		6.43

OSB - PM + CPM (TOTAL PARTICULATE) TABLE, Page 2b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				Outlet
				Outlet
				Inlet
				Inlet
				Inlet
				Outlet
				Outlet
				Outlet
				Outlet
				Outlet
				Outlet
				Outlet
				Outlet
				Outlet
				Inlet
				Inlet
				Inlet

OSB - PM + CPM (TOTAL PARTICULATE) TABLE, Page 3a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
070-101091A	2D070	3	PM&CPM	G5T	IN		0.358		7.24
070-101091B	2D070	1	PM&CPM	G5T	OUT		0.062		1.37
070-101091B	2D070	2	PM&CPM	G5T	OUT		0.1		2.29
070-101091B	2D070	3	PM&CPM	G5T	OUT		0.088		2.01
070-101091C	3D070	1	PM&CPM	G5T	IN		0.203		4.05
070-101091C	3D070	2	PM&CPM	G5T	IN		0.264		5.43
070-101091C	3D070	3	PM&CPM	G5T	IN		0.191		3.91
070-101091D	3D070	1	PM&CPM	G5T	OUT		0.061		1.18
070-101091D	3D070	2	PM&CPM	G5T	OUT		0.049		1.02
070-101091D	3D070	3	PM&CPM	G5T	OUT		0.065		1.26
070-101091E	2D070	1	PM&CPM	G5T	IN				
070-101091F	2D070	1	PM&CPM	G5T	OUT		0.054		2.57
070-101091G	3D070	1	PM&CPM	G5T	IN		0.081		3.2
070-101091H	3D070	1	PM&CPM	G5T	OUT		0.043		1.85
070-102192A	3D070	1	PM&CPM	M5/202	IN		0.2392	63.76	7.08
070-102192A	3D070	2	PM&CPM	M5/202	IN		0.1608	42.96	4.77
070-102192A	3D070	3	PM&CPM	M5/202	IN		0.1522	40.63	4.51
070-102192B	3D070	1	PM&CPM	M5/202	OUT		0.0322	10.4	1.16
070-102192B	3D070	2	PM&CPM	M5/202	OUT		0.0322	10.15	1.13
070-102192B	3D070	3	PM&CPM	M5/202	OUT		0.0321	10.42	1.16
083-060988A	YD083	1	PM&CPM	M5	OUT		0.0383	20.16	1.33
083-060988A	YD083	2	PM&CPM	M5	OUT		0.0324	16.78	1.11
083-060988A	YD083	3	PM&CPM	M5	OUT		0.0283	14.82	0.978
083-061088A	XD083	1	PM&CPM	M5	OUT		0.0286	14.67	0.952
083-061088A	XD083	2	PM&CPM	M5	OUT		0.0322	16.41	1.06
083-061088A	XD083	3	PM&CPM	M5	OUT		0.0317	16.38	1.06
088-120892A	1D088	1	PM&CPM	M5/202	OUT		0.0481	14.45	1.26
088-120892A	1D088	2	PM&CPM	M5/202	OUT		0.0385	11.48	1
088-120892A	1D088	3	PM&CPM	M5/202	OUT		0.0545	16.68	1.45
088-121092A	1P088	1	PM&CPM	M5/202	OUT		0.00968	6.75	
088-121092A	1P088	2	PM&CPM	M5/202	OUT		0.00971	6.72	
088-121092A	1P088	3	PM&CPM	M5/202	OUT		0.00652	4.5	
096-012793A	2D096	1	PM&CPM	M5/202	OUT		0.0233	6.39	0.502
096-012793A	2D096	2	PM&CPM	M5/202	OUT		0.0231	6.39	0.502
096-012793A	2D096	3	PM&CPM	M5/202	OUT		0.0225	6.11	0.485
096-012793C	2D096	1	PM&CPM	M5/202	IN		0.1987	46.03	3.63
096-012793C	2D096	2	PM&CPM	M5/202	IN		0.1262	29.35	2.31
096-012793C	2D096	3	PM&CPM	M5/202	IN		0.1481	34.18	2.69
096-012893A	2P096	1	PM&CPM	M5/202	OUT		0.0044	3.08	
096-012893A	2P096	2	PM&CPM	M5/202	OUT		0.00424	2.93	
096-012893A	2P096	3	PM&CPM	M5/202	OUT		0.00435	2.98	
096-060490A	1P096	1	PM&CPM	M5/202	OUT			3.9	
096-060490A	1P096	2	PM&CPM	M5/202	OUT			3.11	

OSB - PM + CPM (TOTAL PARTICULATE) TABLE, Page 3b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.405			
	0.404			
	0.27			
	0.153			
	0.145			
	0.148			
	0.226			
	0.18			

OSB - PM + CPM (TOTAL PARTICULATE) TABLE, Page 4a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
096-060490A	1P096	3	PM&CPM	M5/202	OUT			2.06	
096-060490C	1P096	1	PM&CPM	M5/202	OUT			1.8	
096-060490C	1P096	2	PM&CPM	M5/202	OUT			2.8	
096-060490C	1P096	3	PM&CPM	M5/202	OUT			1.35	
096-060590A	1D096	1	PM&CPM	M5/202	OUT			9.45	1.22
096-060590A	1D096	2	PM&CPM	M5/202	OUT			9.63	1.24
096-060590A	1D096	3	PM&CPM	M5/202	OUT			8.6	1.11
096-060590C	1D096	1	PM&CPM	M5/202	OUT			8.53	0.729
096-060590C	1D096	2	PM&CPM	M5/202	OUT			9.98	0.853
096-060590C	1D096	3	PM&CPM	M5/202	OUT			11.94	1.02
096-060590E	1P096	1	PM&CPM	M5/202	OUT			1.97	
096-060590E	1P096	2	PM&CPM	M5/202	OUT			2.09	
096-060590E	1P096	3	PM&CPM	M5/202	OUT			2.24	
096-060590F	1P096	1	PM&CPM	M5/202	OUT			1.53	
096-060590F	1P096	2	PM&CPM	M5/202	OUT			2.16	
096-060590F	1P096	3	PM&CPM	M5/202	OUT			1.99	
096-060690B	1P096	1	PM&CPM	M5/202	OUT			2.83	
096-060690B	1P096	2	PM&CPM	M5/202	OUT			3.24	
096-060690B	1P096	3	PM&CPM	M5/202	OUT			1.51	
096-060690C	1P096	1	PM&CPM	M5/202	OUT			1.78	
096-060690C	1P096	2	PM&CPM	M5/202	OUT			1.23	
096-060690C	1P096	3	PM&CPM	M5/202	OUT			2.77	
096-060790A	1P096	1	PM&CPM	M5/202	OUT			1.39	
096-060790A	1P096	2	PM&CPM	M5/202	OUT			0.747	
096-060790A	1P096	3	PM&CPM	M5/202	OUT			1.35	
096-060790B	1P096	1	PM&CPM	M5/202	OUT			1.4	
096-060790B	1P096	2	PM&CPM	M5/202	OUT			1.73	
096-060790B	1P096	3	PM&CPM	M5/202	OUT			2.34	
096-060790C	1D096	1	PM&CPM	M5/202	OUT			10.84	0.889
096-060790C	1D096	2	PM&CPM	M5/202	OUT			9.34	0.766
096-060790C	1D096	3	PM&CPM	M5/202	OUT			9.75	0.799
096-060890A	1P096	1	PM&CPM	M5/202	OUT			1.72	
096-060890A	1P096	2	PM&CPM	M5/202	OUT			1.77	
096-060890A	1P096	3	PM&CPM	M5/202	OUT			1.7	
096-060890B	1P096	1	PM&CPM	M5/202	OUT			6.92	
096-060890B	1P096	2	PM&CPM	M5/202	OUT			4.86	
096-060890B	1P096	3	PM&CPM	M5/202	OUT			4.22	
096-060890C	1D096	1	PM&CPM	M5/202	OUT			9.79	1.19
096-060890C	1D096	2	PM&CPM	M5/202	OUT			9.36	1.14
096-060890C	1D096	3	PM&CPM	M5/202	OUT			7.79	0.945
127-062591A	1D127	1	PM&CPM	M5	OUT		0.075	10.38	1.92
127-062591A	1D127	2	PM&CPM	M5	OUT		0.0681	9.2	1.7
127-062591A	1D127	3	PM&CPM	M5	OUT		0.066	9.49	1.76

OSB - PM + CPM (TOTAL PARTICULATE) TABLE, Page 4b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.119			
	0.161			
	0.251			
	0.121			
	0.114			
	0.121			
	0.13			
	0.081			
	0.115			
	0.106			
	0.143			
	0.164			
	0.0765			
	0.145			
	0.1			
	0.225			
	0.111			
	0.0596			
	0.108			
	0.0802			
	0.0991			
	0.134			
	0.143			
	0.148			
	0.142			
	0.355			
	0.25			
	0.217			

OSB - PM + CPM (TOTAL PARTICULATE) TABLE, Page 5a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
127-082190A	1D127	1	PM&CPM	M5	OUT		0.0833	12.94	2.09
127-082190A	1D127	2	PM&CPM	M5	OUT		0.0813	12.59	2.03
127-082190A	1D127	3	PM&CPM	M5	OUT		0.0896	14.29	2.3
210-021192A	1D210	1	PM&CPM	M5/202	OUT		0.163	44.5	3.23
210-021192A	1D210	2	PM&CPM	M5/202	OUT		0.197	51.85	3.76
210-021192A	1D210	3	PM&CPM	M5/202	OUT		0.149	40.97	2.97
210-021292C	1P210	1	PM&CPM	M5/202	OUT		0.00506	2.97	
210-021292C	1P210	2	PM&CPM	M5/202	OUT		0.00738	3.97	
210-021292C	1P210	3	PM&CPM	M5/202	OUT		0.00571	3.35	
210-042292A	1D210	1	PM&CPM	M5/202	OUT		0.103	26.13	1.88
210-042292A	1D210	2	PM&CPM	M5/202	OUT		0.0994	24.55	1.77
210-042292A	1D210	3	PM&CPM	M5/202	OUT		0.0965	23.72	1.71
211-012892A	3D211	1	PM&CPM	M5	OUT		0.036	10.3	0.866
211-012892A	3D211	2	PM&CPM	M5	OUT		0.039	11.2	0.941
211-012892A	3D211	3	PM&CPM	M5	OUT		0.036	10.4	0.874
211-012992B	1D211	1	PM&CPM	M5	OUT		0.021	6.2	0.549
211-012992B	1D211	2	PM&CPM	M5	OUT		0.026	7.4	0.655
211-012992B	1D211	3	PM&CPM	M5	OUT		0.024	6.8	0.602
211-013092A	2D211	1	PM&CPM	M5	OUT		0.026	7.7	0.681
211-013092A	2D211	2	PM&CPM	M5	OUT		0.029	9	0.796
211-013092A	2D211	3	PM&CPM	M5	OUT		0.027	8.3	0.735
211-022592A	1P211	1	PM&CPM	M5	OUT		0.00339	3.58	
211-022592A	1P211	2	PM&CPM	M5	OUT		0.00223	2.38	
211-022592A	1P211	3	PM&CPM	M5	OUT		0.00217	2.3	
212-101191A	1D212	1	PM&CPM	M5	OUT		0.0578	13.75	1.14
212-101191A	1D212	2	PM&CPM	M5	OUT		0.0346	9.08	0.753
212-101191A	1D212	3	PM&CPM	M5	OUT		0.0464	11.1	0.92
215-062591A	XD215	1	PM&CPM	M5/202	IN		0.138		3.71
215-062591A	XD215	2	PM&CPM	M5/202	IN		0.187		4.72
215-062591A	XD215	3	PM&CPM	M5/202	IN		0.214		5.38
215-062591B	XD215	1	PM&CPM	M5/202	OUT		0.02		0.52
215-062591B	XD215	2	PM&CPM	M5/202	OUT		0.032		0.81
215-062591B	XD215	3	PM&CPM	M5/202	OUT		0.027		0.72
215-062591C	YD215	1	PM&CPM	OD7	IN				
215-062591C	YD215	2	PM&CPM	OD7	IN		0.163		3.74
215-062591D	YD215	1	PM&CPM	OD7	IN				
215-062591D	YD215	2	PM&CPM	OD7	IN		0.08		3.22
225-020692A	2P225	1	PM&CPM	M5	OUT		0.00384	4.38	
225-020692A	2P225	2	PM&CPM	M5	OUT		0.00488	4.74	
225-020692A	2P225	3	PM&CPM	M5	OUT		0.00383	4.2	
225-020792A	1D225	1	PM&CPM	M5	OUT		0.0466	14.89	1.414
225-020792A	1D225	2	PM&CPM	M5	OUT		0.0468	14.44	1.367
225-020792A	1D225	3	PM&CPM	M5	OUT		0.0427	13.28	1.261

OSB - PM + CPM (TOTAL PARTICULATE) TABLE, Page 5b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.177			
	0.236			
	0.199			
	0.079			
	0.052			
	0.051			
				Hi inlet temperature trial.
				Hi inlet temperature trial.
				Lo inlet temperature trial.
				Lo inlet temperature trial.
	0.303			
	0.328			
	0.291			

OSB - PM_{10} TABLE, Page 1a of 1(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
044-092393A	1P044	1	PM10	M201A	OUT			2.859	
044-092393A	1P044	2	PM10	M201A	OUT			2.755	
044-092393A	1P044	3	PM10	M201A	OUT			3.601	
210-021192B	1D210	1	PM10	M201A	OUT		0.0981	22.03	1.6
210-021192B	1D210	2	PM10	M201A	OUT		0.0811	23.11	1.68
210-021192B	1D210	3	PM10	M201A	OUT		0.108	30.21	2.19
210-021292A	1P210	1	PM10	M201A	OUT		0.0061	4.17	
210-021292A	1P210	2	PM10	M201A	OUT		0.0063	3.18	
210-021292A	1P210	3	PM10	M201A	OUT		0.001	0.4043	
210-042292B	1D210	1	PM10	M201A	OUT		0.0329	8.72	0.629
210-042292B	1D210	2	PM10	M201A	OUT		0.0167	4.37	0.315
210-042292B	1D210	3	PM10	M201A	OUT		0.037	9.82	0.708
211-022692A	1P211	1	PM10	M201A	OUT		0.00464	5.05	
211-022692A	1P211	2	PM10	M201A	OUT		0.00423	4.63	
211-022692A	1P211	3	PM10	M201A	OUT		0.00451	5.01	
225-020792B	1D225	1	PM10	M201A	OUT		0.0241	7.73	0.733
225-020792B	1D225	2	PM10	M201A	OUT		0.0289	9.06	0.86
225-020792B	1D225	3	PM10	M201A	OUT		0.0302	9.18	0.871

OSB - PM_{10} TABLE, Page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.096			
	0.087			
	0.128			
	0.238			
	0.182			
	0.0231			
	0.111			
	0.102			
	0.11			

OSB - VOC (as Carbon) TABLE, Page 1a of 7(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
041-052192A	XD041	1	VOC	M25A	IN	107.1		36.75	2.14
041-052192A	XD041	2	VOC	M25A	IN	268		88.04	4.15
041-052192A	XD041	3	VOC	M25A	IN	110		34.84	2.01
041-052192B	XD041	1	VOC	M25A	OUT	152.4		41.72	2.43
041-052192B	XD041	2	VOC	M25A	OUT	255		74.66	3.52
041-052192B	XD041	3	VOC	M25A	OUT	164.2		45.27	2.62
044-062392A	1P044	1	VOC	M25A	OUT			2.79	
044-062392A	1P044	2	VOC	M25A	OUT			2.75	
044-092193A	XD044	1	VOC	M25A	IN			25.99	
044-092193A	XD044	2	VOC	M25A	IN			19.42	
044-092193A	XD044	3	VOC	M25A	IN			17.7	
044-092193B	XD044	1	VOC	M25A	OUT			7.7	
044-092193B	XD044	2	VOC	M25A	OUT			11.59	
044-092193B	XD044	3	VOC	M25A	OUT			6.34	
044-092393A	1P044	1	VOC	M25A	OUT			7.58	
044-092393A	1P044	2	VOC	M25A	OUT			4.77	
044-092393A	1P044	3	VOC	M25A	OUT			3.96	
044-102588A	XD044	1	VOC	M25	IN			83.52	4.26
044-102588A	XD044	2	VOC	M25	IN			143.21	6.99
044-102588A	XD044	3	VOC	M25	IN			60.99	2.93
044-102588B	XD044	1	VOC	M25	OUT			37.99	1.94
044-102588B	XD044	2	VOC	M25	OUT			18.77	0.92
044-102588B	XD044	3	VOC	M25	OUT			19.25	0.93
052-011493A	XD052	1	VOC	M25	IN	686		180.6	5.36
052-011493A	XD052	1	VOC	M25A	IN	563		148.3	4.4
052-011493A	XD052	2	VOC	M25	IN	687		180.5	4.83
052-011493A	XD052	2	VOC	M25A	IN	550		144.4	3.86
052-011493A	XD052	3	VOC	M25	IN	1003		266.7	6.93
052-011493A	XD052	3	VOC	M25A	IN	500		133	3.45
052-011493B	XD052	1	VOC	M25	OUT	361		106.1	3.15
052-011493B	XD052	1	VOC	M25A	OUT	494		145.3	4.31
052-011493B	XD052	2	VOC	M25	OUT	514		144.4	3.86
052-011493B	XD052	2	VOC	M25A	OUT	499		140	3.74
052-011493B	XD052	3	VOC	M25	OUT	407		115.1	2.99
052-011493B	XD052	3	VOC	M25A	OUT	449		127	3.3
069-062492A	1P069	1	VOC	M25A	OUT	10		0.8	
069-062492A	1P069	2	VOC	M25A	OUT	10		0.79	

OSB - VOC (as Carbon) TABLE, Page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.0898			Sum of all vents for each run.
	0.0885			Sum of all vents for each run.
				Inlet; wet production rates available, see reports table, see 044-102588A
				Inlet; wet production rates available, see reports table, see 044-102588A
				Inlet; wet production rates available, see reports table, see 044-102588A
				Outlet; wet production rates available, see reports table, see 044-102588A
				Outlet; wet production rates available, see reports table, see 044-102588A
				Outlet; wet production rates available, see reports table, see 044-102588A
	0.255			Sum of all vents for each run.
	0.15			Sum of all vents for each run.
	0.141			Sum of all vents for each run.
				Inlet; see 044-092193A and B, same dryer, different methods.
				Inlet; see 044-092193A and B, same dryer, different methods.
				Inlet; see 044-092193A and B, same dryer, different methods.
				Outlet; see 044-092193A and B, same dryer, different methods.
				Outlet; see 044-092193A and B, same dryer, different methods.
				Outlet; see 044-092193A and B, same dryer, different methods.
				4 Dryers to common stack.
				4 Dryers to common stack.
				4 Dryers to common stack.
				4 Dryers to common stack.
				4 Dryers to common stack.
				4 Dryers to common stack.
				4 Dryers to common stack.
				4 Dryers to common stack.
				4 Dryers to common stack.
				4 Dryers to common stack.
				4 Dryers to common stack.
				4 Dryers to common stack.
	0.031			
	0.031			

OSB - VOC (as Carbon) TABLE, Page 2a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
069-062492A	1P069	3	VOC	M25A	OUT	10		0.79	
069-071592B	1D069	1	VOC	M25A	OUT	173		14.1	
069-071592B	1D069	2	VOC	M25A	OUT	202		16.4	
069-071592B	1D069	3	VOC	M25A	OUT	132		10.7	
069-071692B	2D069	1	VOC	M25A	OUT	98.8		8.14	
069-071692B	2D069	2	VOC	M25A	OUT	89.8		7.39	
069-081491A	1D069	1	VOC	M25A	IN	235.8		12.46	
069-081491A	1D069	2	VOC	M25A	IN	200.4		10.32	
069-081491A	1D069	3	VOC	M25A	IN	183.9		9.97	
069-081491B	1D069	1	VOC	M25A	OUT	221.7		11.17	
069-081491B	1D069	2	VOC	M25A	OUT	204.3		10.51	
069-081491B	1D069	3	VOC	M25A	OUT	177.6		9.25	
069-081591A	2D069	1	VOC	M25A	IN	110.4		5.81	
069-081591A	2D069	2	VOC	M25A	IN	130.2		6.97	
069-081591A	2D069	3	VOC	M25A	IN	123.3		6.54	
069-081591B	2D069	1	VOC	M25A	OUT	118.8		6.15	
069-081591B	2D069	2	VOC	M25A	OUT	121.5		6.79	
069-081591B	2D069	3	VOC	M25A	OUT	126.9		7.19	
070-031992A	2D070	1	VOC	M25	IN	952		51.25	4.88
070-031992A	2D070	2	VOC	M25	IN	1578		85.75	8.17
070-031992A	2D070	3	VOC	M25	IN	2779		150.01	14.29
070-031992B	2D070	1	VOC	M25	OUT	1364		67.7	6.45
070-031992B	2D070	2	VOC	M25	OUT	294		14.73	1.4
070-031992B	2D070	3	VOC	M25	OUT	1773		91.7	8.73
070-042392A	1D070	1	VOC	M25	IN	794		49.2	4.69
070-042392A	1D070	2	VOC	M25	IN	756		45.6	4.34
070-042392A	1D070	3	VOC	M25	IN	872		51	4.86
070-042392B	1D070	1	VOC	M25	OUT	576		38.4	3.66
070-042392B	1D070	2	VOC	M25	OUT	945		55.6	5.3
070-042392B	1D070	3	VOC	M25	OUT	1102		63.8	6.08
070-042492A	3D070	1	VOC	M25	IN	822		49.5	4.42
070-042492A	3D070	2	VOC	M25	IN	2837		168	15
070-042492A	3D070	3	VOC	M25	IN	1134		65	5.8
070-042492B	3D070	1	VOC	M25	OUT	517		30.2	2.7
070-042492B	3D070	2	VOC	M25	OUT	848		52.7	4.71
070-042492B	3D070	3	VOC	M25	OUT	1178		74.4	6.64
070-062891A	1D070	1	VOC	M25	IN	1413		70.6	6.39
070-062891A	1D070	2	VOC	M25	IN	8105	THROW OUT →	410.6	38.3
070-062891A	1D070	3	VOC	M25	IN	1917		94.6	8.64
070-062891B	1D070	1	VOC	M25	OUT	2810		154.9	14.03
070-062891B	1D070	2	VOC	M25	OUT	1798		96.8	9.03
070-062891B	1D070	3	VOC	M25	OUT	1349		69.6	6.36
070-062891C	3D070	1	VOC	M25	IN	1721		77.6	12.52

OSB - VOC (as Carbon) TABLE, Page 2b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.031			
				Run 2 at inlet very high; tracks formaldehyde results.

OSB - VOC (as Carbon) TABLE, Page 3a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
070-062891C	3D070	2	VOC	M25	IN	1095		50.8	7.94
070-062891C	3D070	3	VOC	M25	IN	1120		54.9	6.38
070-062891D	3D070	1	VOC	M25	OUT	1458		74.2	11.97
070-062891D	3D070	2	VOC	M25	OUT	751		34.8	5.44
070-062891D	3D070	3	VOC	M25	OUT	1497		69.2	8.05
070-101091A	2D070	1	VOC	M25	IN	2228			9.54
070-101091A	2D070	1	VOC	M25A	IN				
070-101091A	2D070	2	VOC	M25	IN	1525			6.73
070-101091A	2D070	2	VOC	M25A	IN	1571			6.96
070-101091A	2D070	3	VOC	M25	IN	2066			9.09
070-101091A	2D070	3	VOC	M25A	IN				
070-101091B	2D070	1	VOC	M25	OUT	3132			15.1
070-101091B	2D070	1	VOC	M25A	OUT				
070-101091B	2D070	2	VOC	M25	OUT	1536			7.65
070-101091B	2D070	2	VOC	M25A	OUT	1659			8.29
070-101091B	2D070	3	VOC	M25	OUT	2065			10.3
070-101091B	2D070	3	VOC	M25A	OUT	1652			8.27
070-101091C	3D070	1	VOC	M25	IN	1884			8.17
070-101091C	3D070	1	VOC	M25A	IN	1232			5.36
070-101091C	3D070	2	VOC	M25	IN	2005			8.96
070-101091C	3D070	2	VOC	M25A	IN	1554			6.97
070-101091C	3D070	3	VOC	M25	IN	1585			7.04
070-101091C	3D070	3	VOC	M25A	IN	1319			5.88
070-101091D	3D070	1	VOC	M25	OUT	1665			7.07
070-101091D	3D070	1	VOC	M25A	OUT	1383			5.89
070-101091D	3D070	2	VOC	M25	OUT	1852			8.41
070-101091D	3D070	2	VOC	M25A	OUT	1686			7.68
070-101091D	3D070	3	VOC	M25	OUT	1570			6.66
070-101091D	3D070	3	VOC	M25A	OUT	1397			5.95
070-101091E	2D070	1	VOC	M25	IN	846			7.74
070-101091E	2D070	1	VOC	M25A	IN	704			6.46
070-101091F	2D070	1	VOC	M25	OUT	553			5.75
070-101091F	2D070	1	VOC	M25A	OUT	723			7.54
070-101091G	3D070	1	VOC	M25	IN	734			6.28
070-101091G	3D070	1	VOC	M25A	IN	905			7.77
070-101091H	3D070	1	VOC	M25	OUT	676			6.32
070-101091H	3D070	1	VOC	M25A	OUT	807			7.57
070-102192A	3D070	1	VOC	M25A	IN				
070-102192A	3D070	2	VOC	M25A	IN	729		54.33	6.04
070-102192A	3D070	3	VOC	M25A	IN	829		62.06	6.9
070-102192B	3D070	1	VOC	M25A	OUT	345		29.7	3.3
070-102192B	3D070	2	VOC	M25A	OUT	831		70.7	7.86
070-102192B	3D070	3	VOC	M25A	OUT	863		77.08	8.56

OSB - VOC (as Carbon) TABLE, Page 3b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments

OSB - VOC (as Carbon) TABLE, Page 4a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
083-011990A	1P083	1	VOC	M25A	OUT	113		7.37	
083-011990A	1P083	2	VOC	M25A	OUT	240		15.37	
083-011990A	1P083	3	VOC	M25A	OUT	168		10.53	
083-011990A	1U083	1	VOC	M25A	OUT	102		7.06	
083-011990A	1U083	2	VOC	M25A	OUT	248		17.03	
083-011990A	1U083	3	VOC	M25A	OUT	99		6.87	
083-012090A	1P083	1	VOC	M25A	OUT	53		3.18	
083-012090A	1P083	2	VOC	M25A	OUT	54		3.21	
083-012090A	1P083	3	VOC	M25A	OUT	24		1.45	
083-012090A	1U083	1	VOC	M25A	OUT	125		8.63	
083-012090A	1U083	2	VOC	M25A	OUT	82		5.98	
083-012090A	1U083	3	VOC	M25A	OUT	114		8.06	
083-082990A	XD083	1	VOC	M25A	OUT	179		18.7	1.46
083-082990A	XD083	2	VOC	M25A	OUT	234		27.7	2.16
083-082990A	XD083	3	VOC	M25A	OUT	227		26.9	2.1
088-030989A	1D088	1	VOC	M25A	OUT	92		6	0.612
088-030989A	1D088	2	VOC	M25A	OUT	58		3.8	0.391
088-030989A	1D088	3	VOC	M25A	OUT	87		5.7	0.578
088-120892A	1D088	1	VOC	M25A	OUT			32.8	2.85
088-120892A	1D088	2	VOC	M25A	OUT			8.26	0.72
088-120892A	1D088	3	VOC	M25A	OUT			75.6	6.57
088-120892B	1D088	1	VOC	M25A	OUT			10	0.87
088-120892B	1D088	2	VOC	M25A	OUT			15	1.3
088-120892B	1D088	3	VOC	M25A	OUT			14.9	1.3
088-121092A	1P088	1	VOC	M25A	OUT			1.8	
088-121092A	1P088	2	VOC	M25A	OUT			2.3	
088-121092A	1P088	3	VOC	M25A	OUT			2.2	
088-121488A	1D088	1	VOC	M25A	OUT	572		37	3.83
088-121488A	1D088	2	VOC	M25A	OUT	185		12	1.28
088-121488A	1D088	3	VOC	M25A	OUT	77		5	0.52
088-121588B	1U088	1	VOC	M25A	OUT	9.8		0.6	
088-121588B	1U088	2	VOC	M25A	OUT	13		0.79	
088-121588B	1U088	3	VOC	M25A	OUT	7.9		0.48	
088-121588C	2P088	1	VOC	M25A	OUT	12		0.66	
088-121588C	2P088	2	VOC	M25A	OUT	13		0.71	
088-121588C	2P088	3	VOC	M25A	OUT	15		0.81	
096-012693A	2D096	1	VOC	M25	OUT			45.5	3.58
096-012693A	2D096	2	VOC	M25	OUT			30.2	2.37
096-012693A	2D096	3	VOC	M25	OUT			28.3	2.23
096-012693B	2D096	1	VOC	M25	IN			58	4.58
096-012693B	2D096	2	VOC	M25	IN			29	2.29
096-012693B	2D096	3	VOC	M25	IN			31	2.45
096-012893C	2P096	1	VOC	M25	OUT			5.41	

OSB - VOC (as Carbon) TABLE, Page 4b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.262			Press and unloader emissions separated
	0.545	PRESS	0.39	Press and unloader emissions separated
	0.374			Press and unloader emissions separated
	0.251			Press and unloader emissions separated
	0.605	UNLOADER	0.37	Press and unloader emissions separated
	0.244			Press and unloader emissions separated
	0.113			Press and unloader emissions separated
	0.114	PRESS	0.093	Press and unloader emissions separated
	0.052			Press and unloader emissions separated
	0.306			Press and unloader emissions separated
	0.212	UNLOADER	0.27	Press and unloader emissions separated
	0.286			Press and unloader emissions separated
	0.108			
	0.138			
	0.132			
	0.046			
	0.06	UNLOADER	0.047	
	0.036			
	0.05			
	0.054			
	0.062			
	0.268			

OSB - VOC (as Carbon) TABLE, Page 5a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
096-012893C	2P096	2	VOC	M25	OUT			3.79	
096-012893C	2P096	3	VOC	M25	OUT			3.65	
096-060490A	1P096	1	VOC	M25A	OUT			0.58	
096-060490C	1P096	1	VOC	M25A	OUT			0.75	
096-060590B	1D096	1	VOC	M25A	OUT			4.6	0.393
096-060590D	1D096	1	VOC	M25A	OUT			11.9	1.02
096-060590E	1P096	1	VOC	M25A	OUT			0.13	
096-060590F	1P096	1	VOC	M25A	OUT			0.47	
096-060690B	1P096	1	VOC	M25A	OUT			2.5	
096-060690C	1P096	1	VOC	M25A	OUT			2.7	
096-060790A	1P096	1	VOC	M25A	OUT			8.9	
096-060790B	1P096	1	VOC	M25A	OUT			13	
096-060790C	1D096	1	VOC	M25A	OUT			42	3.44
096-060890A	1P096	1	VOC	M25A	OUT			11	
096-060890B	1P096	1	VOC	M25A	OUT			11	
096-060890C	1D096	1	VOC	M25A	OUT			44	5.34
097-061688B	1D097	1	VOC	M25	OUT	217		10.24	1.19
097-061688B	1D097	2	VOC	M25	OUT	259		11.99	1.39
097-061688B	1D097	3	VOC	M25	OUT	135		6.38	0.742
097-061688C	2D097	1	VOC	M25	OUT	226		10.87	1.32
097-061688C	2D097	2	VOC	M25	OUT	101		4.93	0.6
097-061688C	2D097	3	VOC	M25	OUT	124		5.94	0.724
097-100590B	XD097	1	VOC	M25	OUT	195		23.4	1.2
097-100590B	XD097	2	VOC	M25	OUT	267		31.7	1.63
097-100590B	XD097	3	VOC	M25	OUT	171		20.5	1.05
097-122189A	XD097	1	VOC	M25	OUT	299		31.6	1.65
097-122189A	XD097	2	VOC	M25	OUT	280		29.7	1.55
097-122189A	XD097	3	VOC	M25	OUT	245		26	1.35
127-082090A	1P127	1	VOC	M25	OUT	28		9.53	
127-082090A	1P127	2	VOC	M25	OUT	105		11.84	
127-082090A	1P127	3	VOC	M25	OUT	111		12.91	
127-082190A	1D127	1	VOC	M25	OUT	109		3.17	0.51
127-082190A	1D127	2	VOC	M25	OUT	184		5.78	0.93
127-082190A	1D127	3	VOC	M25	OUT	267		8.67	1.4
127-092289A	2D127	1	VOC	M25	OUT	270		9.4	1.8
127-092289A	2D127	2	VOC	M25	OUT	139		4.8	0.94
127-092289A	2D127	3	VOC	M25	OUT	383		13	2.5
127-092289C	1P127	1	VOC	M25	OUT	132		28	
127-092289C	1P127	2	VOC	M25	OUT	100		21	
127-092289C	1P127	3	VOC	M25	OUT	323		68	
127-102290A	1D127	1	VOC	M25A	OUT	103		4.3	0.88
127-102290A	1D127	2	VOC	M25A	OUT	88		3.6	0.74
127-102290A	1D127	3	VOC	M25A	OUT	137		5.6	1.15

OSB - VOC (as Carbon) TABLE, Page 5b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.188			
	0.181			
	0.0473			The Hydrocarbon analyzer had problems -> negative drift.
	0.0673			The Hydrocarbon analyzer had problems -> negative drift.
	0.0752			The Hydrocarbon analyzer had problems -> negative drift.
	0.0249			
	0.127			
	0.22			
	0.71			
	0.745			
	0.917			
	0.565			
	0.3			3 Vents into 1 stack.
	0.37			3 Vents into 1 stack.
	0.41			3 Vents into 1 stack.
	0.896			
	0.672			
	2.175			

OSB - VOC (as Carbon) TABLE, Page 6a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
210-021192C	1D210	1	VOC	M25	OUT			48.2	3.5
210-021192C	1D210	2	VOC	M25	OUT			45.2	3.28
210-021192C	1D210	3	VOC	M25	OUT			54.2	3.93
210-021292B	1P210	1	VOC	M25	OUT			7.5	
210-021292B	1P210	2	VOC	M25	OUT			7.9	
210-021292B	1P210	3	VOC	M25	OUT			7.8	
210-022389A	1P210	1	VOC	M25	OUT	3		0.17	
210-022389A	1P210	2	VOC	M25	OUT	106		5.9	
210-022389A	1P210	3	VOC	M25	OUT	102		5.7	
210-022389B	1U210	1	VOC	M25	OUT	13		0.7	
210-022389B	1U210	2	VOC	M25	OUT	27		1.5	
210-022389B	1U210	3	VOC	M25	OUT	23		1.2	
210-022489A	1D210	1	VOC	M25	OUT	563		34	2.89
210-022489A	1D210	2	VOC	M25	OUT	495		30	2.55
210-022489A	1D210	3	VOC	M25	OUT	368		22	1.87
210-042292C	1D210	1	VOC	M25	OUT			22.2	1.6
210-042292C	1D210	2	VOC	M25	OUT			17.1	1.23
210-042292C	1D210	3	VOC	M25	OUT			13.6	0.981
211-012892A	3D211	1	VOC	M25A	OUT			9.7	0.815
211-012892A	3D211	2	VOC	M25A	OUT			11.4	0.958
211-012892A	3D211	3	VOC	M25A	OUT			12.9	1.084
211-012992B	1D211	1	VOC	M25A	OUT			16.2	1.43
211-012992B	1D211	2	VOC	M25A	OUT			15.4	1.36
211-012992B	1D211	3	VOC	M25A	OUT			11.8	1.04
211-013092A	2D211	1	VOC	M25A	OUT			14.4	1.21
211-013092A	2D211	2	VOC	M25A	OUT			14.6	1.23
211-013092A	2D211	3	VOC	M25A	OUT			16.6	1.4
211-022692B	1P211	1	VOC	M25A	OUT	27.6		6.67	
211-022692B	1P211	2	VOC	M25A	OUT	24.9		6.02	
211-022692B	1P211	3	VOC	M25A	OUT	36.9		9.02	
211-041191A	1D211	1	VOC	M25A	OUT			12.1	1.33
211-041191A	1D211	2	VOC	M25A	OUT			9.5	1.04
211-041191A	1D211	3	VOC	M25A	OUT			9.3	1.02
212-100991A	1P212	1	VOC	M25	OUT	98.5		5.69	
212-100991A	1P212	2	VOC	M25	OUT	81.1		4.69	
212-100991A	1P212	3	VOC	M25	OUT	127.3		7.35	
212-100991B	1U212	1	VOC	M25	OUT	113.3		6.77	
212-100991B	1U212	2	VOC	M25	OUT	100.8		6.02	
212-100991B	1U212	3	VOC	M25	OUT	82.5		4.93	
212-101191B	1D212	1	VOC	M25	OUT	975		64.5	5.56
212-101191B	1D212	2	VOC	M25	OUT	663		45	3.88
212-101191B	1D212	3	VOC	M25	OUT	545		36.9	3.45
215-042089A	XD215	1	VOC	M25	IN			98.1	2.91

OSB - VOC (as Carbon) TABLE, Page 6b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.429			
	0.451			
	0.446			
	0.0108			Value is verified from the report.
	0.373			
	0.361			
	0.044			
	0.0949			
	0.0759			
	0.147			
	0.133			
	0.199			
	0.322			
	0.265			
	0.415			
	0.383			
	0.34			
	0.279			
				Inlet to WESP

OSB - VOC (as Carbon) TABLE, Page 7a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
215-042089A	XD215	2	VOC	M25	IN			286.2	7.54
215-042089A	XD215	3	VOC	M25	IN			177.4	4.65
215-042089B	XD215	1	VOC	M25	OUT			22.3	0.66
215-042089B	XD215	2	VOC	M25	OUT			168.5	4.44
215-042089B	XD215	3	VOC	M25	OUT			84.6	2.22
215-062591A	XD215	1	VOC	M25	IN	344		76.6	2.16
215-062591A	XD215	1	VOC	M25A	IN	396		88.2	2.49
215-062591A	XD215	2	VOC	M25	IN	1298		277	7.14
215-062591A	XD215	2	VOC	M25A	IN	1013		215.8	5.56
215-062591A	XD215	3	VOC	M25	IN	539		115.1	2.97
215-062591A	XD215	3	VOC	M25A	IN	445		93.1	2.41
215-062591B	XD215	1	VOC	M25	OUT	37.4		82.4	2.33
215-062591B	XD215	1	VOC	M25A	OUT	346		76	2.15
215-062591B	XD215	2	VOC	M25	OUT	11.9		250.7	6.46
215-062591B	XD215	2	VOC	M25A	OUT	836		175.8	4.53
215-062591B	XD215	3	VOC	M25	OUT	414		89.8	2.32
215-062591B	XD215	3	VOC	M25A	OUT	403		87.3	2.25
215-062591C	YD215	1	VOC	M25	IN	321		16.2	2
215-062591C	YD215	2	VOC	M25	IN	389		19.7	1.95
215-062591D	YD215	1	VOC	M25	IN	164		8.3	2
215-062591D	YD215	2	VOC	M25	IN	169		8.5	1.48
225-020692C	2P225	1	VOC	M25	OUT			3.16	
225-020692C	2P225	2	VOC	M25	OUT			4	
225-020692C	2P225	3	VOC	M25	OUT			4.65	
225-020792D	1D225	1	VOC	M25	OUT			8.26	0.783
225-020792D	1D225	2	VOC	M25	OUT			11.2	1.06
225-020792D	1D225	3	VOC	M25	OUT			5.59	0.532

OSB - VOC (as Carbon) TABLE, Page 7b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
				Inlet to WESP
				Inlet to WESP
				Outlet to WESP
				Outlet to WESP
				Outlet to WESP
				Comparison of VOC method & inlet temp. available; assume Run 2 had more pine than 40%.
				Comparison of M25/25A available; Run 2 probably had higher than 40% pine.
				Comparison of VOC method & inlet temp. available; assume Run 2 had more pine than 40%.
				Comparison of M25/25A available; Run 2 probably had higher than 40% pine.
				Comparison of VOC method & inlet temp. available; assume R2 had more pine than 40%
				Comparison of M25/25A available; Run 2 probably had higher than 40% pine.
				Comparison of VOC method & inlet temp. available; assume Run 2 had more pine than 40%.
				Comparison of M25/25A available; Run 2 probably had higher than 40% pine.
				Comparison of VOC method & inlet temp. available; assume Run 2 had more pine than 40%.
				Comparison of M25/25A available; Run 2 probably had higher than 40% pine.
				Comparison of VOC method & inlet temp. available; assume Run 2 had more pine than 40%.
				Comparison of M25/25A available; Run 2 probably had higher than 40% pine.
				Comparison of inlet temperature available.
				Comparison of inlet temperature available.
				Comparison of inlet temperature available.
				Comparison of inlet temperature available.
	0.219			
	0.277			
	0.322			

APPENDIX B

PLYWOOD DATABASE

TABLE OF CONTENTS

PLYWOOD - GENERAL INFORMATION TABLE, Page 1a of 1(a)

Fac Code	Product	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3	% Species 3	Raw Wood Mat'l 1	Raw Wood Mat'l 2	Raw Wood Mat'l 3
149	PLY-S	DFIR	85	WFIR	15					
176	PLY-S	PINE SP	100					LOG		
178	PLY-S	LODGE P		POND P				VENE		
179	PLY-S	PINE SP	100					LOG		
203	PLY-S	DFIR		WFIR				LOG	VENE	
213	PLY-S	SY PINE	100							
214	PLY-S	SY PINE	100					LOG		
218	PLY-S	DFIR	100					LOG		
222	PLY-S	LARCH	53	UFIR	47			LOG	VENE	

PLYWOOD - REPORTS TABLE, Page 1a of 4(a-c)

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
149-021292A	1D149	1	9.42 MSF 3/8/hr		149	Y	OUT	13281	132	16.6
149-021292A	1D149	2	9.11 MSF 3/8/hr		149	Y	OUT	13055	131	16.1
149-021292A	1D149	3	9.30 MSF 3/8/hr		149	Y	OUT	12652	133	17.1
149-021391A	1D149	1	17.2 MSF 3/8/hr		149	Y	OUT		130	14.1
149-021391A	1D149	2	12.9 MSF 3/8/hr		149	Y	OUT		124	13.4
149-021391A	1D149	3	15.6 MSF 3/8/hr		149	Y	OUT		123	13
149-021391B	2D149	1	7.30 MSF 3/8/hr		149	Y	OUT		134	17.5
149-021391B	2D149	2	7.80 MSF 3/8/hr		149	Y	OUT		130	15.8
149-021391B	2D149	3	10.7 MSF 3/8/hr		149	Y	OUT		130	15.8
149-021392A	2D149	1	8.22 MSF 3/8/hr		149	Y	OUT	14792	126	14
149-021392A	2D149	2	8.88 MSF 3/8/hr		149	Y	OUT	15420	123	12.7
149-021392A	2D149	3	8.98 MSF 3/8/hr		149	Y	OUT	15411	121	12.2
149-042193A	1D149	1	8.74 MSF 3/8/hr		149	Y	OUT	13210	135	18.8
149-042193A	1D149	2	8.74 MSF 3/8/hr		149	Y	OUT	13308	138	19.8
149-042193A	1D149	3	8.74 MSF 3/8/hr		149	Y	OUT	13473	136	18.7
149-042193B	1D149	1	8.16 MSF 3/8/hr		149	Y	OUT	13330		
149-042193B	1D149	2	8.16 MSF 3/8/hr		149	Y	OUT	13330		
149-042193B	1D149	3	8.16 MSF 3/8/hr		149	Y	OUT	13330		
149-042293A	2D149	1	8.78 MSF 3/8/hr		149	Y	OUT	15913	126	14.1
149-042293A	2D149	2	8.78 MSF 3/8/hr		149	Y	OUT	15657	127	14.4
149-042293A	2D149	3	8.78 MSF 3/8/hr		149	Y	OUT	15487	129	15.2
149-042293B	2D149	1	8.78 MSF 3/8/hr		149	Y	OUT	15686		
149-042293B	2D149	2	8.78 MSF 3/8/hr		149	Y	OUT	15686		
149-042293B	2D149	3	8.78 MSF 3/8/hr		149	Y	OUT	15686		
176-052293A	1D176	1	14.9 MSF 3/8/hr		176	N	OUT			
176-052293A	1D176	2	16.3 MSF 3/8/hr		176	N	OUT			
176-052293A	1D176	3	15.6 MSF 3/8/hr		176	N	OUT			
176-052293B	XD176	1	5.0 MSF 3/8/hr		176	N	OUT			
176-052293B	XD176	2	4.6 MSF 3/8/hr		176	N	OUT			
176-052293B	XD176	3	4.8 MSF 3/8/hr		176	N	OUT			
176-052293C	2D176	1	5.0 MSF 3/8/hr		176	Y	OUT			
176-052293C	2D176	2	5.7 MSF 3/8/hr		176	Y	OUT			
176-052293C	2D176	3	8.2 MSF 3/8/hr		176	Y	OUT			
176-052293D	1P176	1	22.2 MSF 3/8/hr		176	Y	OUT	14980		
176-052293D	1P176	2	19.8 MSF 3/8/hr		176	Y	OUT	14620		
176-052293D	1P176	3	19.5 MSF 3/8/hr		176	Y	OUT	14680		
176-070192C	1D176	1	14.5 MSF 3/8/hr		176	N	OUT			

PLYWOOD - REPORTS TABLE, Page 1b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
NOX	SO2	CO	VOC					
NOX	SO2	CO	VOC					
NOX	SO2	CO						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
PM	CPM	PM&CPM						
NOX	SO2	CO	VOC					
NOX	SO2	CO	VOC					
NOX	SO2	CO						
VOC	PM	CPM	PM&CPM					
VOC	PM	CPM	PM&CPM					
VOC	PM	CPM	PM&CPM					
VOC	CPM	PM	PM&CPM					
VOC	CPM	PM	PM&CPM					
VOC	CPM	PM	PM&CPM					
VOC	CPM	PM	PM&CPM					
VOC								
VOC								
VOC	CPM	PM	PM&CPM					
VOC	CPM	PM	PM&CPM					
VOC	CPM	PM	PM&CPM					
VOC	CO							

PLYWOOD - REPORTS TABLE, Page 1c

Test Code	Run	Comments
149-021292A	1	
149-021292A	2	
149-021292A	3	
149-021391A	1	Flow remeasured and corrected; individual run flow data unavailable; flow & pollutant concentration not simultaneous.
149-021391A	2	Flow remeasured and corrected; individual run flow data unavailable; flow & pollutant concentration not simultaneous.
149-021391A	3	Flow remeasured and corrected; individual run flow data unavailable; flow & pollutant concentration not simultaneous.
149-021391B	1	Flow remeasured and corrected; individual run flow data unavailable; flow & pollutant concentration not simultaneous.
149-021391B	2	Flow remeasured and corrected; individual run flow data unavailable; flow & pollutant concentration not simultaneous.
149-021391B	3	Flow remeasured and corrected; individual run flow data unavailable; flow & pollutant concentration not simultaneous.
149-021392A	1	
149-021392A	2	
149-021392A	3	
149-042193A	1	
149-042193A	2	
149-042193A	3	
149-042193B	1	Flow is average of 3 runs conducted in the same day; not concurrent with concentrations.
149-042193B	2	Flow is average of 3 runs conducted in the same day; not concurrent with concentrations.
149-042193B	3	Flow is average of 3 runs conducted in the same day; not concurrent with concentrations.
149-042293A	1	
149-042293A	2	
149-042293A	3	
149-042293B	1	Flow is average of 3 runs conducted about one hour earlier; not concurrent with concentrations.
149-042293B	2	Flow is average of 3 runs conducted about one hour earlier; not concurrent with concentrations.
149-042293B	3	Flow is average of 3 runs conducted about one hour earlier; not concurrent with concentrations.
176-052293A	1	
176-052293A	2	
176-052293A	3	
176-052293B	1	
176-052293B	2	
176-052293B	3	
176-052293C	1	
176-052293C	2	
176-052293C	3	
176-052293D	1	
176-052293D	2	
176-052293D	3	
176-070192C	1	

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PLYWOOD - REPORTS TABLE, Page 2a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
176-070192C	1D176	2	16.0 MSF 3/8/hr		176	N	OUT			
176-070192C	1D176	3	15.9 MSF 3/8/hr		176	N	OUT			
176-070192D	1D176	1	9.8 MSF 3/8/hr		176	N	OUT			
176-070192D	1D176	2	13.7 MSF 3/8/hr		176	N	OUT			
176-070192D	1D176	3	14.1 MSF 3/8/hr		176	N	OUT			
176-070192E	XD176	1	5.8 MSF 3/8/hr		176	N	OUT			
176-070192E	XD176	2	5.7 MSF 3/8/hr		176	N	OUT			
176-070192E	XD176	3	6.1 MSF 3/8/hr		176	N	OUT			
176-070192F	2D176	1	7.4 MSF 3/8/hr		176	Y	OUT			
176-070192F	2D176	2	8.7 MSF 3/8/hr		176	Y	OUT			
176-070192G	1P176	1	20.8 MSF 3/8/hr		176	Y	OUT	12480		
176-070192G	1P176	2	19.2 MSF 3/8/hr		176	Y	OUT	11190		
178-081392A	1D178	1	14.89 MSF 3/8/hr		178	Y	OUT	26400	141	19
178-081392A	1D178	2	14.94 MSF 3/8/hr		178	Y	OUT	26600	155	18
178-081392A	1D178	3	14.94 MSF 3/8/hr		178	Y	OUT	26800	161	16
178-101492A	1D178	1	17.788 MSF 3/8/hr		178	Y	OUT	23500	152	27
178-101492A	1D178	2	17.788 MSF 3/8/hr		178	Y	OUT	24300	150	23
178-101492A	1D178	3	17.156 MSF 3/8/hr		178	Y	OUT	23900	150	23
178-120292A	1D178	1	18.016 MSF 3/8/hr		178	Y	OUT	25100	146	22
178-120292A	1D178	2	18.016 MSF 3/8/hr		178	Y	OUT	25500	145	22
178-120292A	1D178	3	18.016 MSF 3/8/hr		178	Y	OUT	26700	139	18
179-050193B	1D179	1	15.6 MSF 3/8/hr		179	N	OUT	8087	334	30.9
179-050193B	1D179	2	15.7 MSF 3/8/hr		179	N	OUT	7509	333	34.5
179-050193B	1D179	3	16.1 MSF 3/8/hr		179	N	OUT	7683	341	35.3
179-050193C	1D179	1	15.0 MSF 3/8/hr		179	N	OUT	8087	334	30.9
179-050193C	1D179	2	15.3 MSF 3/8/hr		179	N	OUT	7509	333	34.5
179-050193C	1D179	3	15.0 MSF 3/8/hr		179	N	OUT	7683	341	35.3
179-050193D	2D179	1	7.6 MSF 3/8/hr		179	N	OUT	7545		
179-050193D	2D179	2	5.1 MSF 3/8/hr		179	N	OUT	7802		
179-050193D	2D179	3	5.3 MSF 3/8/hr		179	N	OUT	7136		
179-050193E	1P179	1	14.8 MSF 3/8/hr		179	Y	OUT	45950		2.9
179-050193E	1P179	2	15.0 MSF 3/8/hr		179	Y	OUT	46670		2.2
179-050193E	1P179	3	19.8 MSF 3/8/hr		179	Y	OUT	45020		1.3
179-050193F	1P179	1	15.0 MSF 3/8/hr		179	Y	OUT	46584		
179-050193F	1P179	2	12.9 MSF 3/8/hr		179	Y	OUT	47509		
179-050193F	1P179	3	15.0 MSF 3/8/hr		179	Y	OUT	46935		
179-070192B	1D179	1	13.9 MSF 3/8/hr		179	N	OUT	5645	330	30.2
179-070192B	1D179	2	13.0 MSF 3/8/hr		179	N	OUT	5747	329	30.2
179-070192B	1D179	3	13.7 MSF 3/8/hr		179	N	OUT	5605	327	34.8
179-070192C	1D179	1	14.2 MSF 3/8/hr		179	N	OUT	5645	330	30.2
179-070192C	1D179	2	13.6 MSF 3/8/hr		179	N	OUT	5747	329	30.2
179-070192C	1D179	3	14.0 MSF 3/8/hr		179	N	OUT	5605	327	34.8
179-070192D	1P179	1	18.6 MSF 3/8/hr		179	Y	OUT	42220		

PLYWOOD - REPORTS TABLE, Page 2b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
VOC	CO							
VOC	CO							
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
VOC	CPM	PM	PM&CPM					
VOC	CPM	PM	PM&CPM					
VOC	CPM	PM	PM&CPM					
VOC								
VOC								
VOC								
VOC								
PM&CPM								
PM&CPM								
PM&CPM								
PM&CPM								
PM&CPM								
PM&CPM								
PM&CPM								
PM&CPM								
PM&CPM								
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
VOC	NOX	CO						
VOC	NOX	CO						
VOC	NOX	CO						
VOC	NOX	CO						
VOC	NOX	CO						
VOC	NOX	CO						
VOC								
VOC								
VOC								
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
VOC	NOX	CO						
VOC	NOX	CO						
VOC	NOX	CO						
VOC								

PLYWOOD - REPORTS TABLE, Page 2c

Test Code	Run	Comments
176-070192C	2	
176-070192C	3	
176-070192D	1	
176-070192D	2	
176-070192D	3	
176-070192E	1	
176-070192E	2	
176-070192E	3	
176-070192F	1	
176-070192F	2	
176-070192G	1	
176-070192G	2	
178-081392A	1	
178-081392A	2	
178-081392A	3	
178-101492A	1	
178-101492A	2	
178-101492A	3	
178-120292A	1	
178-120292A	2	
178-120292A	3	
179-050193B	1	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-050193B	2	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-050193B	3	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-050193C	1	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-050193C	2	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-050193C	3	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-050193D	1	Flow rates calculated from fuel input; not measured.
179-050193D	2	Flow rates calculated from fuel input; not measured.
179-050193D	3	Flow rates calculated from fuel input; not measured.
179-050193E	1	
179-050193E	2	
179-050193E	3	
179-050193F	1	
179-050193F	2	
179-050193F	3	
179-070192B	1	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-070192B	2	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-070192B	3	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-070192C	1	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-070192C	2	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-070192C	3	Flow rates, moistures & temperatures do not include cooling section; cooling section data in report.
179-070192D	1	

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PLYWOOD - REPORTS TABLE, Page 3a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
179-070192D	1P179	2	17.4 MSF 3/8/hr		179	Y	OUT	42070		
179-070192D	1P179	3	14.9 MSF 3/8/hr		179	Y	OUT	45020		
203-041393A	XD203	1	29.3 MSF 3/8/hr		203	N	OUT	19400	152	25
203-041393A	XD203	2	29.3 MSF 3/8/hr		203	N	OUT	18400	158	27
203-041393A	XD203	3	32.4 MSF 3/8/hr		203	N	OUT	19700	158	27
203-041593A	YD203	1	28.2 MSF 3/8/hr		203	N	OUT	20600	151	23
203-041593A	YD203	2	28.2 MSF 3/8/hr		203	N	OUT	22400	149	24
203-041593A	YD203	3	28.2 MSF 3/8/hr		203	N	OUT	21100	153	23
203-051591A	XD203	1	26.3 MSF 3/8/hr		203	N	OUT	24100	144	23
203-051591A	XD203	2	26.3 MSF 3/8/hr		203	N	OUT	23000	151	27
203-051591A	XD203	3	24.4 MSF 3/8/hr		203	N	OUT	23200	147	24
203-051691A	YD203	1	20.5 MSF 3/8/hr		203	N	OUT	21200	142	22
203-051691A	YD203	2	20.2 MSF 3/8/hr		203	N	OUT	21800	143	22
203-051691A	YD203	3	20.4 MSF 3/8/hr		203	N	OUT	20400	148	25
203-100592A	YD203	1	25.36 MSF 3/8/hr		203	N	OUT	17300	150	26
203-100592A	YD203	2	22.54 MSF 3/8/hr		203	N	OUT	17000	149	26
203-100592A	YD203	3	22.54 MSF 3/8/hr		203	N	OUT	17400	152	28
203-100692A	XD203	1	42.54 MSF 3/8/hr		203	N	OUT	22400	149	25
203-100692A	XD203	2	32.72 MSF 3/8/hr		203	N	OUT	21500	150	26
203-100692A	XD203	3	35.26 MSF 3/8/hr		203	N	OUT	21800	152	27
213-042291A	1P213	1	22.4 MSF 3/8/hr		213	Y	OUT	164468	91	
213-042291A	1P213	2	23.04 MSF 3/8/hr		213	Y	OUT	164468	91	
213-042291A	1P213	3	19.20 MSF 3/8/hr		213	Y	OUT	164468	91	
213-042291B	2P213	1	15.36 MSF 3/8/hr		213	Y	OUT	55250	95	
213-042291B	2P213	2	19.20 MSF 3/8/hr		213	Y	OUT	55250	95	
213-042291B	2P213	3	12.80 MSF 3/8/hr		213	Y	OUT	55250	95	
214-080189A	1A214	1	2.13 ODTH		214	?	OUT	28300		
214-080189A	1A214	2	2.13 ODTH		214	?	OUT	28300		
214-080189A	1A214	3	2.13 ODTH		214	?	OUT	28300		
214-080189B	2A214	1	3.72 ODTH		214	?	OUT	22900		
214-080189B	2A214	2	3.72 ODTH		214	?	OUT	22900		
214-080189B	2A214	3	3.72 ODTH		214	?	OUT	22900		
214-080289A	9Z214	1	2.6 wet tons/hr		214	N	OUT	8800		
214-080289A	9Z214	2	2.6 wet tons/hr		214	N	OUT	8800		
214-080389A	3I214	1	8.85 ODTH		214	Y	OUT	3300		
214-080389A	3I214	2	8.85 ODTH		214	Y	OUT	3300		
214-080389A	3I214	3	8.85 ODTH		214	Y	OUT	3300		
214-080389B	4I214	1	1.9 ODTH		214	Y	OUT	3100		
214-080389B	4I214	2	1.9 ODTH		214	Y	OUT	3100		
214-080389B	4I214	3	1.9 ODTH		214	Y	OUT	3100		
214-080489A	5I214	1	1.02 ODTH		214	Y	OUT	1000		
214-080489A	5I214	2	1.02 ODTH		214	Y	OUT	1000		
214-080489A	5I214	3	1.02 ODTH		214	Y	OUT	1000		

PLYWOOD - REPORTS TABLE, Page 3b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
VOC								
VOC								
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
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PLYWOOD - REPORTS TABLE, Page 3c

Test Code	Run	Comments
179-070192D	2	
179-070192D	3	
203-041393A	1	3 Dryers all vent to one WESP.
203-041393A	2	3 Dryers all vent to one WESP.
203-041393A	3	3 Dryers all vent to one WESP.
203-041593A	1	3 Dryers all vent to one WESP.
203-041593A	2	3 Dryers all vent to one WESP.
203-041593A	3	3 Dryers all vent to one WESP.
203-051591A	1	3 Dryers all vent to one WESP.
203-051591A	2	3 Dryers all vent to one WESP.
203-051591A	3	3 Dryers all vent to one WESP.
203-051691A	1	3 Dryers all vent to one WESP.
203-051691A	2	3 Dryers all vent to one WESP.
203-051691A	3	3 Dryers all vent to one WESP.
203-100592A	1	3 Dryers all vent to one WESP.
203-100592A	2	3 Dryers all vent to one WESP.
203-100592A	3	3 Dryers all vent to one WESP.
203-100692A	1	3 Dryers all vent to one WESP.
203-100692A	2	3 Dryers all vent to one WESP.
203-100692A	3	3 Dryers all vent to one WESP.
213-042291A	1	
213-042291A	2	
213-042291A	3	
213-042291B	1	
213-042291B	2	
213-042291B	3	
214-080189A	1	Unknown number of planers.
214-080189A	2	Unknown number of planers.
214-080189A	3	Unknown number of planers.
214-080189B	1	Unknown number of planers.
214-080189B	2	Unknown number of planers.
214-080189B	3	Unknown number of planers.
214-080289A	1	Unknown number of saws.
214-080289A	2	Unknown number of saws.
214-080389A	1	Cyclone for storage bin for planer shavings.
214-080389A	2	Cyclone for storage bin for planer shavings.
214-080389A	3	Cyclone for storage bin for planer shavings.
214-080389B	1	Cyclone for storage bin for planer shavings.
214-080389B	2	Cyclone for storage bin for planer shavings.
214-080389B	3	Cyclone for storage bin for planer shavings.
214-080489A	1	Cyclone for bin for dry veneer shavings.
214-080489A	2	Cyclone for bin for dry veneer shavings.
214-080489A	3	Cyclone for bin for dry veneer shavings.

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PLYWOOD - REPORTS TABLE, Page 4a

Test Code	Unit Code	Run	Production Rate (Units)	Production Rate (Units)	Fac Code	One to one?	Sam. Loc.	Stack Flow (dscfm)	Stack Temperature (F)	Stack Moisture (%)
214-080589A	2Z214	1	7.81 wet tons/hr		214	?	OUT	4800		
214-080589A	2Z214	2	7.81 wet ton/hr		214	?	OUT	4800		
214-080589A	2Z214	3	7.81 wet ton/hr		214	?	OUT	4800		
214-080789A	3Z214	1	3.08 ODTH		214	?	OUT	4400		
214-080789A	3Z214	2	3.08 ODTH		214	?	OUT	4400		
214-080789A	3Z214	3	3.08 ODTH		214	?	OUT	4400		
214-080889A	1S214	1	0.174 ODTH		214	?	OUT	29000		
214-080889A	1S214	2	0.174 ODTH		214	?	OUT	28900		
214-080889A	1S214	3	0.174 ODTH		214	?	OUT	28900		
214-080889B	2S214	1	2.7 ODTH		214	N	OUT	26300		
214-080889B	2S214	2	2.7 ODTH		214	N	OUT	26300		
214-080889B	2S214	3	2.7 ODTH		214	N	OUT	26300		
214-080889C	2W214	1	0.22 ODTH		214	Y	OUT	10200		
214-080889C	2W214	2	0.22 ODTH		214	Y	OUT	10200		
214-080889C	2W214	3	0.22 ODTH		214	Y	OUT	10200		
214-080989A	4Z214	1	1.02 ODTH		214	?	OUT	26100		
214-080989A	4Z214	2	1.02 ODTH		214	?	OUT	26100		
214-080989A	4Z214	3	1.02 ODTH		214	?	OUT	26100		
214-080989B	1I214	1	1.34 wet tons/hr		214	?	OUT	26300		
214-080989B	1I214	2	1.34 wet tons/hr		214	?	OUT	26300		
214-080989B	1I214	3	1.34 wet tons/hr		214	?	OUT	26300		
214-080989C	2I214	1	14.07 wet tons/hr		214	?	OUT	12600		
214-080989C	2I214	2	14.07 wet tons/hr		214	?	OUT	12600		
214-080989C	2I214	3	14.07 wet tons/hr		214	?	OUT	12600		
214-081089A	5Z214	1	67.9 wet tons/hr		214	?	OUT	9100		
214-081089A	5Z214	2	67.9 wet tons/hr		214	?	OUT	9100		
214-081089A	5Z214	3	67.9 wet tons/hr		214	?	OUT	9100		
214-081089B	6Z214	1	71.9 wet tons/hr		214	?	OUT	9000		
214-081089B	6Z214	2	71.9 wet tons/hr		214	?	OUT	9000		
214-081089B	6Z214	3	71.9 wet tons/hr		214	?	OUT	9000		
214-081089C	7Z214	1	62.3 wet tons/hr		214	?	OUT	6100		
214-081089C	7Z214	2	62.3 wet tons/hr		214	?	OUT	6100		
214-081189A	8Z214	1	71.9 wet tons/hr		214	?	OUT	9700		
214-081189A	8Z214	2	71.9 wet tons/hr		214	?	OUT	9700		
214-081189A	8Z214	3	71.9 wet tons/hr		214	?	OUT	9700		
218-051491A	ZD218	1	26.6 MSF 3/8/hr		218	N	OUT	42600	127	12
218-051491A	ZD218	2	26.9 MSF 3/8/hr		218	N	OUT	42200	134	12
218-051491A	ZD218	3	25.9 MSF 3/8/hr		218	N	OUT	46900	131	12
222-082990A	XD222	1	16.0 MSF 3/8/hr		222	N	OUT	29200	275	16

PLYWOOD - REPORTS TABLE, Page 4b

Pollutant 1	Pollutant 2	Pollutant 3	Pollutant 4	Pollutant 5	Pollutant 6	Pollutant 7	Pollutant 8	Pollutant 9
PM								
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PM								
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM	PM&CPM	CPM						
PM&CPM								

PLYWOOD - REPORTS TABLE, Page 4c

Test Code	Run	Comments
214-080589A	1	Cyclone handles green pine chips from a plywood operation, source of chips unknown.
214-080589A	2	Cyclone handles green pine chips from a plywood operation, source of chips unknown.
214-080589A	3	Cyclone handles green pine chips from a plywood operation, source of chips unknown.
214-080789A	1	Cyclone handles plywood trim dry pine shavings, source of shavings unknown.
214-080789A	2	Cyclone handles plywood trim dry pine shavings, source of shavings unknown.
214-080789A	3	Cyclone handles plywood trim dry pine shavings, source of shavings unknown.
214-080889A	1	Cyclone handles "Dry pine shavings" from a plywood sander.
214-080889A	2	Cyclone handles "Dry pine shavings" from a plywood sander.
214-080889A	3	Cyclone handles "Dry pine shavings" from a plywood sander.
214-080889B	1	Cyclone handles "Dry pine shavings" from plywood "Sander/Saw".
214-080889B	2	Cyclone handles "Dry pine shavings" from plywood "Sander/Saw".
214-080889B	3	Cyclone handles "Dry pine shavings" from plywood "Sander/Saw".
214-080889C	1	Cyclone handles "Dry pine dust" from plywood saw.
214-080889C	2	Cyclone handles "Dry pine dust" from plywood saw.
214-080889C	3	Cyclone handles "Dry pine dust" from plywood saw.
214-080989A	1	Cyclone handles "Dry end trim" from a plywood operation, source of trim unknown.
214-080989A	2	Cyclone handles "Dry end trim" from a plywood operation, source of trim unknown.
214-080989A	3	Cyclone handles "Dry end trim" from a plywood operation, source of trim unknown.
214-080989B	1	Hog fuel dust handled by cyclone to hog bin, plywood operation.
214-080989B	2	Hog fuel dust handled by cyclone to hog bin, plywood operation.
214-080989B	3	Hog fuel dust handled by cyclone to hog bin, plywood operation.
214-080989C	1	Cyclone handling "Hog fuel dust from sawmill" going to a "Hog shed".
214-080989C	2	Cyclone handling "Hog fuel dust from sawmill" going to a "Hog shed".
214-080989C	3	Cyclone handling "Hog fuel dust from sawmill" going to a "Hog shed".
214-081089A	1	Cyclone load-out for green hardwood chips (rail loadout).
214-081089A	2	Cyclone load-out for green hardwood chips (rail loadout).
214-081089A	3	Cyclone load-out for green hardwood chips (rail loadout).
214-081089B	1	Cyclone load-out for green chips and sawdust (rail loadout).
214-081089B	2	Cyclone load-out for green chips and sawdust (rail loadout).
214-081089B	3	Cyclone load-out for green chips and sawdust (rail loadout).
214-081089C	1	Cyclone load-out for green chips and sawdust (rail loadout).
214-081089C	2	Cyclone load-out for green chips and sawdust (rail loadout).
214-081189A	1	Cyclone load-out for green chips (rail loadout).
214-081189A	2	Cyclone load-out for green chips (rail loadout).
214-081189A	3	Cyclone load-out for green chips (rail loadout).
218-051491A	1	3 Dryers plus a boiler vented to WESP - CANNOT BE USED AS DRYER ONLY DATA.
218-051491A	2	3 Dryers plus a boiler vented to WESP - CANNOT BE USED AS DRYER ONLY DATA.
218-051491A	3	3 Dryers plus a boiler vented to WESP - CANNOT BE USED AS DRYER ONLY DATA.
222-082990A	1	

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PLYWOOD - DRYER A TABLE, Page 1a of 1(a-b)

Unit Code	Equiptment Manufacturer	Dryer Type	Firing Type	Product	Zones	Sections	Decks	Dryer Capacity (Units)	Burner Manufacturer
1D149	COE	LFLOW	DFIRE	PLY-S	2	18	6	1500 lb/hr	Energex
1D176	Moore-Oregon	JET	IHEAT	PLY-S			4	18.7 MSF 3/8/hr	
1D178	COE	JET	IHEAT	PLY-S	4	2			
1D179		LFLOW	DFIRE	PLY-S	4		4		
2D149	COE	LFLOW	DFIRE	PLY-S	2	18	6	1500 lb/hr	Energex
2D176	Speco	RFREQ		PLY-S				7.0 MSF 3/8/hr	
2D179		LFLOW	DFIRE	PLY-S		3	4		
XD176		PLAT	IHEAT	PLY-S				5.7 MSF 3/8/hr	
XD203	COE Moore	LFLOW	IHEAT	PLY-S			6	25.92 MSF 3/8/hr	
XD222	COE	JET	DFIRE	PLY-S	4			20,000 lb/hr	Wellons
YD203	Moore	LFLOW	IHEAT	PLY-S	2		6	22.7 MSF 3/8/hr	
ZD218	Prentice and Moore	LFLOW	DFIRE	PLY-S	1		18		

PLYWOOD - DRYER A TABLE, Page 1b

Unit Code	Burner Capacity (MMBtu/hr)	Type Fuel 1	Type Fuel 2	Recy-cled ?	Initial PCD	Interm. PCD	Final PCD	Q/C ?	Comments
1D149	14	SDUST		Y			WESP	Y	Raw heat return air injected back into system at blender box.
1D176		WREF							Roller jet veneer dryer; 1/6 inch veneer; target less than 18% redry; target moisture 12%.
1D178							WESP	Y	Indirectly heated with steams.
1D179		NGAS		N				Y	Dryer has 4 heating zones with one stack each; cooling zone also has separate stack (tested).
2D149	14	SDUST		Y			WESP	Y	Raw heat return air injected back into system at blender box.
2D176		WREF							This dryer receives redry only.
2D179		WREF		N				N	In one test, stacks not tested; flows estimated.
XD176		WREF							2 platen dryer with common stack; they are treated as one dryer; final moisture 14%.
XD203		STEAM		N			WESP		3 Dryers with a common stack.
XD222	30	WREF		Y				N	Two dryers with a common stack.
YD203		STEAM		N			WESP		3 Dryers with common stack. Exhaust from dryer are mixed with incoming combustion gas to provide temperature of 350 - 400 F.
ZD218				N			WESP		3 Dryers + Boiler vent to WESP; Longitudinal Reverse Air Veneer dryers; boiler gases and emissions included in all pollutant values.

PLYWOOD - DRYER B TABLE, Page 1a of 3(a-d)

Test Code	Unit Code	Run	Production Rate (MSF 3/8/hr)	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3	% Species 3	Hot Air Source 1
149-021292A	1D149	1	9.42	DFIR	100					SUSP BU
149-021292A	1D149	2	9.11	DFIR	100					SUSP BU
149-021292A	1D149	3	9.3	DFIR	100					SUSP BU
149-021391A	1D149	1	17.2	DFIR	100					SUSP BU
149-021391A	1D149	2	12.9	DFIR	100					SUSP BU
149-021391A	1D149	3	15.6	DFIR	100					SUSP BU
149-021391B	2D149	1	7.3	DFIR	100					SUSP BU
149-021391B	2D149	2	7.8	DFIR	100					SUSP BU
149-021391B	2D149	3	10.7	DFIR	100					SUSP BU
149-021392A	2D149	1	8.22	DFIR	100					SUSP BU
149-021392A	2D149	2	8.88	DFIR	100					SUSP BU
149-021392A	2D149	3	8.98	DFIR	100					SUSP BU
149-042193A	1D149	1	8.74	DFIR	100					SUSP BU
149-042193A	1D149	2	8.74	DFIR	100					SUSP BU
149-042193A	1D149	3	8.74	DFIR	100					SUSP BU
149-042193B	1D149	1	8.16	DFIR	100					SUSP BU
149-042193B	1D149	2	8.16	DFIR	100					SUSP BU
149-042193B	1D149	3	8.16	DFIR	100					SUSP BU
149-042293A	2D149	1	8.78	DFIR	100					SUSP BU
149-042293A	2D149	2	8.78	DFIR	100					SUSP BU
149-042293A	2D149	3	8.78	DFIR	100					SUSP BU
149-042293B	2D149	1	8.78	DFIR	100					SUSP BU
149-042293B	2D149	2	8.78	DFIR	100					SUSP BU
149-042293B	2D149	3	8.78	DFIR	100					SUSP BU
176-052293A	1D176	1	14.9	PINE SP	100					IHEAT
176-052293A	1D176	2	16.3	PINE SP	100					IHEAT
176-052293A	1D176	3	15.6	PINE SP	100					IHEAT
176-052293B	XD176	1	5	PINE SP	100					IHEAT
176-052293B	XD176	2	4.6	PINE SP	100					IHEAT
176-052293B	XD176	3	4.8	PINE SP	100					IHEAT
176-052293C	2D176	1	5	PINE SP	100					RFREQ
176-052293C	2D176	2	5.7	PINE SP	100					RFREQ
176-052293C	2D176	3	8.2	PINE SP	100					RFREQ
176-070192C	1D176	1	14.5	PINE SP	100					IHEAT
176-070192C	1D176	2	16	PINE SP	100					IHEAT
176-070192C	1D176	3	15.9	PINE SP	100					IHEAT
176-070192D	1D176	1	9.8	PINE SP	100					IHEAT
176-070192D	1D176	2	13.7	PINE SP	100					IHEAT
176-070192D	1D176	3	14.1	PINE SP	100					IHEAT
176-070192E	XD176	1	5.8	PINE SP	100					IHEAT
176-070192E	XD176	2	5.7	PINE SP	100					IHEAT
176-070192E	XD176	3	6.1	PINE SP	100					IHEAT
176-070192F	2D176	1	7.4	PINE SP	100					RFREQ

PLYWOOD - DRYER B TABLE, Page 1b

% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1	% Fuel 1	Type Fuel 2	Amount Fuel 2	% Fuel 2
100					SDUST	1500 lb/hr	100			
100					SDUST	1500 lb/hr	100			
100					SDUST	1500 lb/hr	100			
100					SDUST	1500 lb/hr	100			
100					SDUST	1500 lb/hr	100			
100					SDUST	1500 lb/hr	100			
100					SDUST	1500 lb/hr	100			
100					SDUST	1500 lb/hr	100			
100					SDUST	1500 lb/hr	100			
100					SDUST	1500 lb/hr	100			
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100					SDUST	1500 lb/hr	100			
100					SDUST	1500 lb/hr	100			
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100					SDUST	1500 lb/hr	100			
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PLYWOOD - DRYER B TABLE, Page 1c

Test Code	Run	Inlet Moisture (%OD)	Outlet Moiture (%OD)	Inlet Temp. (F)	Outlet Temp. (F)	Zone 1 Temp. (F)	Zone 2 Temp. (F)	Zone 3 Temp. (F)	Zone 4 Temp. (F)
149-021292A	1			850	132	420	360		
149-021292A	2			850	131	420	360		
149-021292A	3			850	133	420	360		
149-021391A	1			880	124	400	350		
149-021391A	2			880	124	400	350		
149-021391A	3			880	124	400	350		
149-021391B	1			880	131	460	360		
149-021391B	2			880	131	460	375		
149-021391B	3			880	131	460	380		
149-021392A	1			850	126	420	380		
149-021392A	2			850	123	420	380		
149-021392A	3			850	121	420	380		
149-042193A	1			880	136	400	335		
149-042193A	2			880	136	400	335		
149-042193A	3			880	136	400	335		
149-042193B	1								
149-042193B	2								
149-042193B	3								
149-042293A	1			825	127	425	375		
149-042293A	2			825	127	425	375		
149-042293A	3			825	127	425	375		
149-042293B	1								
149-042293B	2								
149-042293B	3								
176-052293A	1		12						
176-052293A	2		12						
176-052293A	3		12						
176-052293B	1		14						
176-052293B	2		14						
176-052293B	3		14						
176-052293C	1		12						
176-052293C	2		12						
176-052293C	3		12						
176-070192C	1		12						
176-070192C	2		12						
176-070192C	3		12						
176-070192D	1		12						
176-070192D	2		12						
176-070192D	3		12						
176-070192E	1		14						
176-070192E	2		14						
176-070192E	3		14						
176-070192F	1								

PLYWOOD - DRYER B TABLE, Page 1d

Comments
Flow data and pollutant concentration data not concurrent; thickness 1/10"; redry is 4.3%.
Flow data and pollutant concentration data not concurrent; thickness 1/10"; redry is 3.7%.
Flow data and pollutant concentration data not concurrent; thickness 1/10"; redry is 3.3%.
Flow data and pollutant concentration data not concurrent; thickness 1/8"; redry is 19.5%.
Flow data and pollutant concentration data not concurrent; thickness 1/10"; redry is 17.2%.
Flow data and pollutant concentration data not concurrent; thickness 1/10"; redry is 12.5%.
Temperatures should be similar to "A" test codes for this same date.
Temperatures should be similar to "A" test codes for this same date.
Temperatures should be similar to "A" test codes for this same date.
Temperatures should be similar to "A" test codes for this same date.
Temperatures should be similar to "A" test codes for this same date.
Temperatures should be similar to "A" test codes for this same date.
Redry is 24.0%
Redry is 21.0%
Redry is 19.5%
Redry is 10.6%
Redry is 20.3%
Redry is 16.5%
Redry is 10.5%
Redry is 14.1%
Redry is 5.6%

PLYWOOD - DRYER B TABLE, Page 2a

Test Code	Unit Code	Run	Production Rate (MSF 3/8/hr)	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3	% Species 3	Hot Air Source 1
176-070192F	2D176	2	8.7	PINE SP	100					RFREQ
178-081392A	1D178	1	14.89	LODGE P	100					
178-081392A	1D178	2	14.94	LODGE P	100					
178-081392A	1D178	3	14.94	LODGE P	100					
178-101492A	1D178	1	17.788	POND P	100					
178-101492A	1D178	2	17.788	POND P	100					
178-101492A	1D178	3	17.156	POND P	100					
178-120292A	1D178	1	18.016	LODGE P	100					
178-120292A	1D178	2	18.016	LODGE P	100					
178-120292A	1D178	3	18.016	LODGE P	100					
179-050193B	1D179	1	15.6	PINE SP	100					DFIRE
179-050193B	1D179	2	15.7	PINE SP	100					DFIRE
179-050193B	1D179	3	16.1	PINE SP	100					DFIRE
179-050193C	1D179	1	15	PINE SP	100					DFIRE
179-050193C	1D179	2	15.3	PINE SP	100					DFIRE
179-050193C	1D179	3	15	PINE SP	100					DFIRE
179-050193D	2D179	1	7.6	PINE SP	100					DFIRE
179-050193D	2D179	2	5.1	PINE SP	100					DFIRE
179-050193D	2D179	3	5.3	PINE SP	100					DFIRE
179-070192B	1D179	1	13.9	PINE SP	100					DFIRE
179-070192B	1D179	2	13	PINE SP	100					DFIRE
179-070192B	1D179	3	13.7	PINE SP	100					DFIRE
179-070192C	1D179	1	14.2	PINE SP	100					DFIRE
179-070192C	1D179	2	13.6	PINE SP	100					DFIRE
179-070192C	1D179	3	14	PINE SP	100					DFIRE
203-041393A	XD203	1	29.3	SPRUCE	66	DFIR	33			IHEAT
203-041393A	XD203	2	29.3	SPRUCE	66	DFIR	33			IHEAT
203-041393A	XD203	3	32.4	SPRUCE	66	DFIR	33			IHEAT

PLYWOOD - DRYER B TABLE, Page 2b

% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1	% Fuel 1	Type Fuel 2	Amount Fuel 2	% Fuel 2
100										
100					NGAS		100			
100					NGAS		100			
100					NGAS		100			
100					NGAS		100			
100					NGAS		100			
100					NGAS		100			
100					WREF	21 lb/min	100			
100					WREF	17 lb/min	100			
100					WREF	17 lb/min	100			
100					NGAS		100			
100					NGAS		100			
100					NGAS		100			
100					NGAS		100			
100					NGAS		100			
100					NGAS		100			
100										
100										
100										

PLYWOOD - DRYER B TABLE, Page 2c

Test Code	Run	Inlet Moisture (%OD)	Outlet Moiture (%OD)	Inlet Temp. (F)	Outlet Temp. (F)	Zone 1 Temp. (F)	Zone 2 Temp. (F)	Zone 3 Temp. (F)	Zone 4 Temp. (F)
176-070192F	2								
178-081392A	1					375	348	355	363
178-081392A	2					362	348	357	352
178-081392A	3					362	358	370	370
178-101492A	1				132				
178-101492A	2				132				
178-101492A	3				132				
178-120292A	1					391	380		
178-120292A	2								
178-120292A	3								
179-050193B	1	80	5.7			390	420	379	355
179-050193B	2	111	5.1			390	420	374	355
179-050193B	3	94	5.2			391	420	375	350
179-050193C	1	92	4.6			390	420	379	355
179-050193C	2	79	4.3			390	420	374	355
179-050193C	3	102	4.8			391	420	375	350
179-050193D	1	99	5			420	480	479	
179-050193D	2	104	2			429	477	469	
179-050193D	3	95	3			425	482	484	
179-070192B	1	82	5.3			394	416	372	350
179-070192B	2	82	5.3			397	430	370	345
179-070192B	3	82	5.3			390	421	374	348
179-070192C	1	82	5.3			394	416	372	350
179-070192C	2	82	5.3			397	430	370	345
179-070192C	3	82	5.3			390	421	374	348
203-041393A	1							385	
203-041393A	2							389	
203-041393A	3							387	

PLYWOOD - DRYER B TABLE, Page 2d

Comments
Fuel and moisture data not provided; thickness .140"; redry is 8.9%.
Fuel and moisture data not provided; thickness .160"; redry is 6.2%.
Fuel and moisture data not provided; thickness .160"; redry is 6.2%.
Fuel and moisture data not provided; thickness .174"; redry is 22.65%.
Fuel and moisture data not provided; thickness .174"; redry is 22.65%.
Fuel and moisture data not provided; thickness .174"; redry is 22.65%.
4 zones with one stack each plus cooler zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
4 zones with one stack each plus cooler zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
4 zones with one stack each plus cooler zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
4 zones with one stack each plus cooler zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
4 zones with one stack each plus cooler zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
4 zones with one stack each plus cooler zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
Air flows estimated from fuel combustion by submitter, flow testing not conducted.
Air flows estimated from fuel combustion by submitter, flow testing not conducted.
Air flows estimated from fuel combustion by submitter, flow testing not conducted.
4 zones with one stack each plus zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
4 zones with one stack each plus zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
4 zones with one stack each plus zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
4 zones with one stack each plus zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
4 zones with one stack each plus zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
4 zones with one stack each plus zone and stack; treated as if tested simultaneously; data available from individual zones and cooler stack in test report.
Comparison of species available, also see May 91 for same unit; redry is 19.4%; thickness is approxmiately 1/8".
Comparison of species available, also see May 91 for same unit; redry is 19.4%; thickness is approxmiately 1/8".
Comparison of species available, also see May 91 for same unit; redry is 9.8%; thickness is approximately 1/8".

PLYWOOD - DRYER B TABLE, Page 3a

Test Code	Unit Code	Run	Production Rate (MSF 3/8/hr)	Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3	% Species 3	Hot Air Source 1
203-041593A	YD203	1	28.2	DFIR	100					IHEAT
203-041593A	YD203	2	28.2	DFIR	100					IHEAT
203-041593A	YD203	3	28.2	DFIR	100					IHEAT
203-051591A	XD203	1	26.3	WFIR	66	DFIR	33			IHEAT
203-051591A	XD203	2	26.3	WFIR	66	DFIR	33			IHEAT
203-051591A	XD203	3	24.4	WFIR	66	DFIR	33			IHEAT
203-051691A	YD203	1	20.5	DFIR	100					IHEAT
203-051691A	YD203	2	20.2	DFIR	100					IHEAT
203-051691A	YD203	3	20.4	DFIR	100					IHEAT
203-100592A	YD203	1	25.36	DFIR	100					IHEAT
203-100592A	YD203	2	22.54	DFIR	100					IHEAT
203-100592A	YD203	3	22.54	DFIR	100					IHEAT
203-100692A	XD203	1	42.54	DFIR	33	WFIR	44	SPRUCE	22	IHEAT
203-100692A	XD203	2	32.72	DFIR	33	WFIR	44	SPRUCE	22	IHEAT
203-100692A	XD203	3	35.26	DFIR	33	WFIR	44	SPRUCE	22	IHEAT
218-051491A	ZD218	1	26.6	DFIR	100					DFIRE
218-051491A	ZD218	2	26.9	DFIR	100					DFIRE
218-051491A	ZD218	3	25.9	DFIR	100					DFIRE
222-082990A	XD222	1	16	UFIR	100					DFIRE

PLYWOOD - DRYER B TABLE, Page 3b

% Source 1	Hot Air Source 2	% Source 2	Hot Air Source 3	% Source 3	Type Fuel 1	Amount Fuel 1	% Fuel 1	Type Fuel 2	Amount Fuel 2	% Fuel 2
100										
100										
100										
100										
100										
100										
100										
100										
100										
100										
100										
100										
100										
100										
100										
100										
100										
100										
100					WREF		100			

PLYWOOD - DRYER B TABLE, Page 3c

Test Code	Run	Inlet Moisture (%OD)	Outlet Moiture (%OD)	Inlet Temp. (F)	Outlet Temp. (F)	Zone 1 Temp. (F)	Zone 2 Temp. (F)	Zone 3 Temp. (F)	Zone 4 Temp. (F)
203-041593A	1							373	
203-041593A	2							375	
203-041593A	3							379	
203-051591A	1							394	
203-051591A	2							393	
203-051591A	3							393	
203-051691A	1							396	
203-051691A	2							397	
203-051691A	3							396	
203-100592A	1							366	
203-100592A	2							364	
203-100592A	3							362	
203-100692A	1							390	
203-100692A	2							392	
203-100692A	3							393	
218-051491A	1							360	
218-051491A	2							360	
218-051491A	3							383	
222-082990A	1			410	390	410	400	390	

PLYWOOD - DRYER B TABLE, Page 3d

Comments
Comparison of species available, also see May 91 for same unit; redry is 10.5%; thickness is approximately 1/8".
Comparison of species available, also see May 91 for same unit; redry is 10.5%; thickness is approximately 1/8".
Comparison of species available, also see May 91 for same unit; redry is 10.5%; thickness is approximately 1/8".
Comparison of species vs. CPM available; Dryer temperature is avg. of 3 temps. from 3 dryers at dry end; redry is 12.1%.
Comparison of species vs. CPM available; Dryer temperature is avg. of 3 temps. from 3 dryers at dry end; redry is 17.5%.
Comparison of species vs. CPM available; Dryer temperature is avg. of 3 temps. from 3 dryers at dry end; redry is 12.4%.
Comparison of species vs. CPM available; Dryer temperature is avg. of 3 temps. from 3 dryers at dry end; redry is 12.1%.
Comparison of species vs. CPM available; Dryer temperature is avg. of 3 temps. from 3 dryers at dry end; redry is 9.7%.
Comparison of species vs. CPM available; Dryer temperature is avg. of 3 temps. from 3 dryers at dry end; redry is 12.1%.
Douglas Fir Heartwood & Sapwood both used during test (different dryers); thickness is approximately 1/8"; redry is 14%; three dryers vent to a common stack.
Douglas Fir Heartwood & Sapwood both used during test (different dryers); thickness is approximately 1/8"; redry is 14%; three dryers vent to a common stack.
Douglas Fir Heartwood & Sapwood both used during test (different dryers); thickness is approximately 1/8"; redry is 14%; three dryers vent to a common stack.
These dryers tested 4/13/93 & 5/15/91 with different tree species; thickness is .122"; redry is 13.3%.
These dryers tested 4/13/93 & 5/15/91 with different tree species; thickness is .145"; redry is 14.3%.
These dryers tested 4/13/93 & 5/15/91 with different tree species; thickness is .145"; redry is 14.0%.
Dryer temperature is average of 3 temperatures measured at dry end; redry is 11%; thickness is approximately 1/8".
Dryer temperature is average of 3 temperatures measured at dry end; redry is 9%; thickness is approximately 1/8".
Dryer temperature is average of 3 temperatures measured at dry end; redry is 7%; thickness is approximately 1/8".

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PLYWOOD - PRESS A TABLE, page 1a of 1(a)

Unit Code	Equiptment Manufacturer	Size and Openings	Product	Number of Press Vents	Comments
1P176	Williams-White	4x8 40 openings	PLY-S	1	4x8 panel size, maximum production 12.05 MSG 3/4/ hr.
1P179		31 openings	PLY-S	1	
1P213		see Comments	PLY-S	3	Handles 40 sheets 4ft.x8ft.
2P213		see Comments	PLY-S	1	Handles 40 sheets 4ft.x8ft.

PLYWOOD - PRESS B TABLE, page 1a of 1(a-d)

Test Code	Unit Code	Run	Production Rate MSF 3/8/hr	Production Rate Other-(Units)	Press Temp. (F)	Press Cycle Time (min.)	Nominal Thickness (inches)	Board Density (lb/ft3)	Moisture Content (%)
176-052293D	1P176	1	22.2			4.25	3/8		
176-052293D	1P176	2	19.8			4.25	3/8		
176-052293D	1P176	3	19.5			4.25	3/8		
176-070192G	1P176	1	20.8			4.25	3/8		
176-070192G	1P176	2	19.2			4.25	3/8		
179-050193E	1P179	1	14.8				23/32		
179-050193E	1P179	2	15				23/32		
179-050193E	1P179	3	19.8				23/32		
179-050193F	1P179	1	15				23/32		
179-050193F	1P179	2	12.9				23/32		
179-050193F	1P179	3	15				23/32		
179-070192D	1P179	1	18.6				15/32		
179-070192D	1P179	2	17.4				15/32		
179-070192D	1P179	3	14.9				15/32		
213-042291A	1P213	1	22.4			4.49	0.47(15/32)		
213-042291A	1P213	2	23.04			4.49	0.47(15/32)		
213-042291A	1P213	3	19.2			4.49	0.47(15/32)		
213-042291B	2P213	1	15.36			4.67	15/32		
213-042291B	2P213	2	19.2			4.67	15/32		
213-042291B	2P213	3	12.8			4.67	15/32		

PLYWOOD - PRESS B TABLE, page 1b

Wood Species 1	% Species 1	Wood Species 2	% Species 2	Wood Species 3	% Species 3	Type Adhesive 1	Application Rate 1 (Units)	Type Adhesive 2
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
PINE SP	100					PF		
SY PINE	100					PF		
SY PINE	100					PF		
SY PINE	100					PF		
SY PINE	100					PF		
SY PINE	100					PF		
SY PINE	100					PF		

PLYWOOD - PRESS B TABLE, page 1c

Test Code	Run	Application Rate 2	Core & Surface Different?	Formaldehyde Mole Ratio	% Free Formaldehyde	Any Catalyst or Scavenger?	Wax Application Rate (Units)
176-052293D	1						
176-052293D	2						
176-052293D	3						
176-070192G	1						
176-070192G	2						
179-050193E	1						
179-050193E	2						
179-050193E	3						
179-050193F	1						
179-050193F	2						
179-050193F	3						
179-070192D	1						
179-070192D	2						
179-070192D	3						
213-042291A	1						
213-042291A	2						
213-042291A	3						
213-042291B	1						
213-042291B	2						
213-042291B	3						

PLYWOOD - PRESS B TABLE, page 1d

Other Additives?	Comments

PLYWOOD - MISCELLANEOUS EQUIPMENT TABLE, page 1a of 2(a-b)

Test Code	Unit Code	Run	Description	Production Rate (Units)	Product	Initial PCD	Final PCD	Wood Species 1	% Species 1
214-080189A	1A214	1	Planer cyclone	2.13 ODTH	PLY-S		CYC	SY PINE	
214-080189A	1A214	2	Planer cyclone	2.13 ODTH	PLY-S		CYC	SY PINE	
214-080189A	1A214	3	Planer cyclone	2.13 ODTH	PLY-S		CYC	SY PINE	
214-080189B	2A214	1	Planer cyclone	3.72 ODTH	PLY-S		CYC	SY PINE	
214-080189B	2A214	2	Planer cyclone	3.72 ODTH	PLY-S		CYC	SY PINE	
214-080189B	2A214	3	Planer cyclone	3.72 ODTH	PLY-S		CYC	SY PINE	
214-080289A	9Z214	1	Sawdust cyclone	2.6 WET ton/hr	PLY-S		CYC	SY PINE	100
214-080289A	9Z214	2	Sawdust cyclone	2.6 WET ton/hr	PLY-S		CYC	SY PINE	100
214-080389A	3I214	1	Chip bin cyclone	8.85 ODTH	PLY-S		CYC	SY PINE	100
214-080389A	3I214	2	Chip bin cyclone	8.85 ODTH	PLY-S		CYC	SY PINE	100
214-080389A	3I214	3	Chip bin cyclone	8.85 ODTH	PLY-S		CYC	SY PINE	100
214-080389B	4I214	1	Chip bin cyclone	1.9 ODTH	PLY-S		CYC	SY PINE	100
214-080389B	4I214	2	Chip bin cyclone	1.9 ODTH	PLY-S		CYC	SY PINE	100
214-080389B	4I214	3	Chip bin cyclone	1.9 ODTH	PLY-S		CYC	SY PINE	100
214-080489A	5I214	1	Shavings bin cyclone	1.02 ODTH	PLY-S		CYC	SY PINE	100
214-080489A	5I214	2	Shavings bin cyclone	1.02 ODTH	PLY-S		CYC	SY PINE	100
214-080489A	5I214	3	Shavings bin cyclone	1.02 ODTH	PLY-S		CYC	SY PINE	100
214-080589A	2Z214	1	Chips cyclone	7.81 WET ton/hr	PLY-S		CYC	SY PINE	100
214-080589A	2Z214	2	Chips cyclone	7.81 WET ton/hr	PLY-S		CYC	SY PINE	100
214-080589A	2Z214	3	Chips cyclone	7.81 WET ton/hr	PLY-S		CYC	SY PINE	100
214-080789A	3Z214	1	Trim cyclone	3.08 ODTH	PLY-S		CYC	SY PINE	100
214-080789A	3Z214	2	Trim cyclone	3.08 ODTH	PLY-S		CYC	SY PINE	100
214-080789A	3Z214	3	Trim cyclone	3.08 ODTH	PLY-S		CYC	SY PINE	100
214-080889A	1S214	1	Sander cyclone	0.174 ODTH	PLY-S		CYC	SY PINE	100
214-080889A	1S214	2	Sander cyclone	0.174 ODTH	PLY-S		CYC	SY PINE	100
214-080889A	1S214	3	Sander cyclone	0.174 ODTH	PLY-S		CYC	SY PINE	100
214-080889B	2S214	1	Sander/Saw cyclone	2.7 ODTH	PLY-S		CYC	SY PINE	100

PLYWOOD - MISCELLANEOUS EQUIPMENT TABLE, page 1b

Inlet Moisture (%OD)	Outlet Moisture (%OD)	Inlet Temp. (F)	Outlet Temp. (F)	Pollutant 1	Pollutant 2	Pollutant 3	Comments
				PM			Cyclone handling dry planar shavings, unknown number of planers.
				PM			Cyclone handling dry planar shavings, unknown number of planers.
				PM			Cyclone handling dry planar shavings, unknown number of planers.
				PM			Cyclone handling dry planar shavings, unknown number of planers.
				PM			Cyclone handling dry planar shavings, unknown number of planers.
				PM			Cyclone handling dry planar shavings, unknown number of planers.
				PM			Cyclone handling green pine chips from sawmill, assume sawdust, unknown number of saws.
				PM			Cyclone handling green pine chips from sawmill, assume sawdust, unknown number of saws.
				PM			Cyclone for chip bin, handling dry pine planar shavings.
				PM			Cyclone for chip bin, handling dry pine planar shavings.
				PM			Cyclone for chip bin, handling dry pine planar shavings.
				PM			Cyclone for chip bin, handling dry pine planar shavings.
				PM			Cyclone for chip bin, handling dry pine planar shavings.
				PM			Cyclone for chip bin, handling dry pine planar shavings.
				PM			Cyclone for bin storing dry veneer shavings.
				PM			Cyclone for bin storing dry veneer shavings.
				PM			Cyclone for bin storing dry veneer shavings.
				PM			Cyclone handling green pine chips from plywood operation.
				PM			Cyclone handling green pine chips from plywood operation.
				PM			Cyclone handling green pine chips from plywood operation.
				PM			Cyclone handling dry pine shavings from plywood trim.
				PM			Cyclone handling dry pine shavings from plywood trim.
				PM			Cyclone handling dry pine shavings from plywood trim.
				PM			Cyclone for plywood sander, type and number of sanders unspecified.
				PM			Cyclone for plywood sander, type and number of sanders unspecified.
				PM			Cyclone for plywood sander, type and number of sanders unspecified.
				PM			Cyclone for plywood sander, type and number of sanders unspecified.

PLYWOOD - MISCELLANEOUS EQUIPMENT TABLE, page 2a

Test Code	Unit Code	Run	Description	Production Rate (Units)	Product	Initial PCD	Final PCD	Wood Species 1	% Species 1
214-080889B	2S214	2	Sander/Saw cyclone	2.7 ODTH	PLY-S		CYC	SY PINE	100
214-080889B	2S214	3	Sander/Saw cyclone	2.7 ODTH	PLY-S		CYC	SY PINE	100
214-080889C	2W214	1	Sawdust cyclone	0.22 ODTH	PLY-S		CYC	SY PINE	100
214-080889C	2W214	2	Sawdust cyclone	0.22 ODTH	PLY-S		CYC	SY PINE	100
214-080889C	2W214	3	Sawdust cyclone	0.22 ODTH	PLY-S		CYC	SY PINE	100
214-080989A	4Z214	1	Trim cyclone	1.02 ODTH	PLY-S		CYC	SY PINE	100
214-080989A	4Z214	2	Trim cyclone	1.02 ODTH	PLY-S		CYC	SY PINE	100
214-080989A	4Z214	3	Trim cyclone	1.02 ODTH	PLY-S		CYC	SY PINE	100
214-080989B	1I214	1	Fuel bin cyclone	1.34 WET ton/hr	PLY-S		CYC	SY PINE	100
214-080989B	1I214	2	Fuel bin cyclone	1.34 WET ton/hr	PLY-S		CYC	SY PINE	100
214-080989B	1I214	3	Fuel bin cyclone	1.34 WET ton/hr	PLY-S			SY PINE	100
214-080989C	2I214	1	Fuel bin cyclone	14.1 WET ton/hr	PLY-S			SY PINE	100
214-080989C	2I214	2	Fuel bin cyclone	14.1 WET ton/hr	PLY-S		CYC	SY PINE	100
214-080989C	2I214	3	Fuel bin cyclone	14.1 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081089A	5Z214	1	Chip cyclone	67.9 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081089A	5Z214	2	Chip cyclone	67.9 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081089A	5Z214	3	Chip cyclone	67.9 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081089B	6Z214	1	Chip cyclone	71.9 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081089B	6Z214	2	Chip cyclone	71.9 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081089B	6Z214	3	Chip cyclone	71.9 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081089C	7Z214	1	Chip cyclone	62.3 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081089C	7Z214	2	Chip cyclone	62.3 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081189A	8Z214	1	Chip cyclone	71.9 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081189A	8Z214	2	Chip cyclone	71.9 WET ton/hr	PLY-S		CYC	SY PINE	100
214-081189A	8Z214	3	Chip cyclone	71.9 WET ton/hr	PLY-S		CYC	SY PINE	100

PLYWOOD - MISCELLANEOUS EQUIPMENT TABLE, page 2b

Inlet Moisture (%OD)	Outlet Moisture (%OD)	Inlet Temp. (F)	Outlet Temp. (F)	Pollutant 1	Pollutant 2	Pollutant 3	Comments
				PM			Cyclone for plywood sander, type and number of sanders unspecified.
				PM			Cyclone for plywood sander, type and number of sanders unspecified.
				PM			Cyclone for sawdust from plywood saw.
				PM			Cyclone for sawdust from plywood saw.
				PM			Cyclone for sawdust from plywood saw.
				PM			Cyclone for dry end plywood trim.
				PM			Cyclone for dry end plywood trim.
				PM			Cyclone for dry end plywood trim.
				PM			Cyclone for hog fuel bin.
				PM			Cyclone for hog fuel bin.
				PM			Cyclone for hog fuel bin.
				PM			Cyclone for hog fuel bin for sawmill derived hog fuel.
				PM			Cyclone for hog fuel bin for sawmill derived hog fuel.
				PM			Cyclone for hog fuel bin for sawmill derived hog fuel.
				PM			Cyclone for green chip railroad loadout.
				PM			Cyclone for green chip railroad loadout.
				PM			Cyclone for green chip railroad loadout.
				PM			Cyclone for green chip and sawdust railroad loadout.
				PM			Cyclone for green chip and sawdust railroad loadout.
				PM			Cyclone for green chip and sawdust railroad loadout.
				PM			Cyclone for green chip and sawdust railroad loadout.
				PM			Cyclone for green chip and sawdust railroad loadout.
				PM			Cyclone for green chip and sawdust railroad loadout.
				PM			Cyclone for green chip and sawdust railroad loadout.
				PM			Cyclone for green chip and sawdust railroad loadout.

PLYWOOD - CARBON MONOXIDE TABLE, page 1a of 1(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
149-042193B	1D149	1	CO	M10	OUT	424		25	
149-042193B	1D149	2	CO	M10	OUT	430		25	
149-042193B	1D149	3	CO	M10	OUT	555		32	
149-042293B	2D149	1	CO	M10	OUT	513		35	
149-042293B	2D149	2	CO	M10	OUT	573		39	
149-042293B	2D149	3	CO	M10	OUT	590		40	
176-070192C	1D176	1	CO	M10	OUT			0.25	
176-070192C	1D176	2	CO	M10	OUT				
176-070192C	1D176	3	CO	M10	OUT				
179-050193C	1D179	1	CO	M10	OUT			11	
179-050193C	1D179	2	CO	M10	OUT			11	
179-050193C	1D179	3	CO	M10	OUT			11	
179-050193D	2D179	1	CO	M10	OUT			75	
179-050193D	2D179	2	CO	M10	OUT			39	
179-050193D	2D179	3	CO	M10	OUT			29	
179-070192C	1D179	1	CO	M10	OUT			6.1	
179-070192C	1D179	2	CO	M10	OUT			5.1	
179-070192C	1D179	3	CO	M10	OUT			6.3	

PLYWOOD - CARBON MONOXIDE TABLE, page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	3.06			Direct fired veneer dryer burning sanderdust.
	3.06			Direct fired veneer dryer burning sanderdust.
	3.92			Direct fired veneer dryer burning sanderdust.
	3.99			Direct fired veneer dryer burning sanderdust.
	4.44			Direct fired veneer dryer burning sanderdust.
	4.56			Direct fired veneer dryer burning sanderdust.
	0.017			
				Below detection limits.
				Below detection limits.
	0.733			
	0.719			
	0.733			
	9.87			
	7.65			
	5.47			
	0.43			
	0.375			
	0.45			

PLYWOOD - CONDENSIBLE PARTICULATE MATTER (CPM) TABLE, page 1a of 2(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
149-021292A	1D149	1	CPM	OD7	OUT		0.002	0.23	
149-021292A	1D149	2	CPM	OD7	OUT		0.003	0.34	
149-021292A	1D149	3	CPM	OD7	OUT		0.003	0.33	
149-021391A	1D149	1	CPM	OD7	OUT			0.87	
149-021391A	1D149	2	CPM	OD7	OUT			0.68	
149-021391A	1D149	3	CPM	OD7	OUT			0.69	
149-021391B	2D149	1	CPM	OD7	OUT			0.43	
149-021391B	2D149	2	CPM	OD7	OUT			0.58	
149-021391B	2D149	3	CPM	OD7	OUT			0.79	
149-021392A	2D149	1	CPM	OD7	OUT		0.0002	0.025	
149-021392A	2D149	2	CPM	OD7	OUT		0.003	0.4	
149-021392A	2D149	3	CPM	OD7	OUT		0.004	0.53	
149-042193A	1D149	1	CPM	OD7	OUT		0.002	0.23	
149-042193A	1D149	2	CPM	OD7	OUT		0.003	0.34	
149-042193A	1D149	3	CPM	OD7	OUT		0.003	0.33	
149-042293A	2D149	1	CPM	OD7	OUT		0.003	0.41	
149-042293A	2D149	2	CPM	OD7	OUT		0.003	0.4	
149-042293A	2D149	3	CPM	OD7	OUT		0.004	0.53	
176-052293A	1D176	1	CPM	M202	OUT			2.68	
176-052293A	1D176	2	CPM	M202	OUT			3.05	
176-052293A	1D176	3	CPM	M202	OUT			2.31	
176-052293B	XD176	1	CPM	M202	OUT		0.0069	2.2	
176-052293B	XD176	2	CPM	M202	OUT		0.008	2.54	
176-052293B	XD176	3	CPM	M202	OUT		0.0026	0.86	
176-052293C	2D176	1	CPM	M202	OUT			0.03	
176-052293D	1P176	1	CPM	M202	OUT		0.004	0.51	
176-052293D	1P176	2	CPM	M202	OUT		0.0046	0.58	
176-052293D	1P176	3	CPM	M202	OUT		0.0043	0.54	
176-070192D	1D176	1	CPM	M202	OUT			11.3	
176-070192D	1D176	2	CPM	M202	OUT			7.5	
176-070192D	1D176	3	CPM	M202	OUT			13.3	
176-070192E	XD176	1	CPM	M202	OUT				
176-070192E	XD176	2	CPM	M202	OUT		0.052	15	
176-070192E	XD176	3	CPM	M202	OUT		0.054	16	
179-050193B	1D179	1	CPM	M202	OUT			4.7	
179-050193B	1D179	2	CPM	M202	OUT			4.6	
179-050193B	1D179	3	CPM	M202	OUT			4.6	
179-050193F	1P179	1	CPM	M202	OUT			1.4	
179-050193F	1P179	2	CPM	M202	OUT			2.4	
179-050193F	1P179	3	CPM	M202	OUT			2.1	
179-070192B	1D179	1	CPM	M202	OUT			7.9	
179-070192B	1D179	2	CPM	M202	OUT			6.7	
179-070192B	1D179	3	CPM	M202	OUT			7.3	

PLYWOOD - CONDENSIBLE PARTICULATE MATTER (CMP) TABLE, page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.024			
	0.037			
	0.035			
	0.051			
	0.053			
	0.044			
	0.058			
	0.074			
	0.074			
	0.0031			
	0.045			
	0.059			
	0.024			
	0.037			
	0.035			
	0.047			
	0.046			
	0.06			
	0.19			
	0.19			
	0.15			
	0.45			
	0.54			
	0.18			
	0.006			Average of 3 runs.
	0.023			
	0.029			
	0.028			
	1.15			
	0.547			
	0.943			
				Below detection limits.
	2.65			
	2.61			
	0.301			
	0.293			
	0.286			
	0.093			
	0.186			
	0.14			
	0.568			
	0.515			
	0.533			

PLYWOOD - CONDENSIBLE PARTICULATE MATTER (CMP) TABLE, page 2a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
203-041393A	XD203	1	CPM	OD7	OUT			1.03	
203-041393A	XD203	2	CPM	OD7	OUT			1.29	
203-041393A	XD203	3	CPM	OD7	OUT			1.27	
203-041593A	YD203	1	CPM	OD7	OUT			2.7	
203-041593A	YD203	2	CPM	OD7	OUT			3.01	
203-041593A	YD203	3	CPM	OD7	OUT			2.95	
203-051591A	XD203	1	CPM	OD7	OUT			1.7	
203-051591A	XD203	2	CPM	OD7	OUT			1.9	
203-051591A	XD203	3	CPM	OD7	OUT			1.4	
203-051691A	YD203	1	CPM	OD7	OUT			2.6	
203-051691A	YD203	2	CPM	OD7	OUT			2.1	
203-051691A	YD203	3	CPM	OD7	OUT			2.4	
203-100592A	YD203	1	CPM	OD7	OUT			3	
203-100592A	YD203	2	CPM	OD7	OUT			2.4	
203-100592A	YD203	3	CPM	OD7	OUT			2.7	
203-100692A	XD203	1	CPM	OD7	OUT			1.6	
203-100692A	XD203	2	CPM	OD7	OUT			1.5	
203-100692A	XD203	3	CPM	OD7	OUT			1.8	
218-051491A	ZD218	1	CPM	OD7	OUT			1.7	
218-051491A	ZD218	2	CPM	OD7	OUT			1.35	
218-051491A	ZD218	3	CPM	OD7	OUT			1.91	

PLYWOOD - CONDENSIBLE PARTICULATE MATTER (CMP) TABLE, page 2b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.035			3 Dryers to one WESP; CPM comparison by wood species available.
	0.044			3 Dryers to one WESP; CPM comparison by wood species available.
	0.039			3 Dryers to one WESP; CPM comparison by wood species available.
	0.096			3 Dryers to one WESP; CPM comparison by wood species available.
	0.107			3 Dryers to one WESP; CPM comparison by wood species available.
	0.105			3 Dryers to one WESP; CPM comparison by wood species available.
	0.065			3 Dryers to one WESP.
	0.072			3 Dryers to one WESP.
	0.057			3 Dryers to one WESP.
	0.127			3 Dryers to one WESP.
	0.104			3 Dryers to one WESP.
	0.118			3 Dryers to one WESP.
	0.118			3 Dryers to one WESP; CPM comparison by wood species available.
	0.106			3 Dryers to one WESP; CPM comparison by wood species available.
	0.12			3 Dryers to one WESP; CPM comparison by wood species available.
	0.038			3 Dryers to one WESP; CPM comparison by wood species available.
	0.046			3 Dryers to one WESP; CPM comparison by wood species available.
	0.051			3 Dryers to one WESP; CPM comparison by wood species available.
	0.064			3 Dryers + 1 Boiler to WESP.
	0.05			3 Dryers + 1 Boiler to WESP.
	0.074			3 Dryers + 1 Boiler to WESP.

PLYWOOD - FORMALDEHYDE TABLE, page 1a of 1(a-b)

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
213-042291A	1P213	1	FOR	N3500	OUT	0.28		0.206	
213-042291A	1P213	2	FOR	N3500	OUT	0.41		0.307	
213-042291A	1P213	3	FOR	N3500	OUT	0.42		0.315	
213-042291B	2P213	1	FOR	N3500	OUT	0.56		0.144	
213-042291B	2P213	2	FOR	N3500	OUT	0.44		0.114	
213-042291B	2P213	3	FOR	N3500	OUT	0.28		0.072	

PLYWOOD - FORMALDEHYDE TABLE, page 1b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.0093			
	0.0133			
	0.0161			
	0.0094			
	0.0059			
	0.0057			

PLYWOOD - PARTICULATE MATTER (PM) TABLE, page 2a

Test Code	Unit Code	Run	Pollutant	Method	Sam. Loc.	ppm	gr/dscf	lb/hr	lb/ODT
203-041393A	XD203	2	PM	OD7	OUT			1.71	
203-041393A	XD203	3	PM	OD7	OUT			2.23	
203-041593A	YD203	1	PM	OD7	OUT			1.1	
203-041593A	YD203	2	PM	OD7	OUT			1.29	
203-041593A	YD203	3	PM	OD7	OUT			1.55	
203-051591A	XD203	1	PM	OD7	OUT			1	
203-051591A	XD203	2	PM	OD7	OUT			0.6	
203-051591A	XD203	3	PM	OD7	OUT			1	
203-051691A	YD203	1	PM	OD7	OUT			1.1	
203-051691A	YD203	2	PM	OD7	OUT			1	
203-051691A	YD203	3	PM	OD7	OUT			1.1	
203-100592A	YD203	1	PM	OD7	OUT			0.6	
203-100592A	YD203	2	PM	OD7	OUT			0.4	
203-100592A	YD203	3	PM	OD7	OUT			0.5	
203-100692A	XD203	1	PM	OD7	OUT			0.6	
203-100692A	XD203	2	PM	OD7	OUT			0.4	
203-100692A	XD203	3	PM	OD7	OUT			0.5	
214-080189A	1A214	1	PM	OD8	OUT		0.027	6.9	3.2
214-080189A	1A214	2	PM	OD8	OUT		0.025	6.22	2.9
214-080189A	1A214	3	PM	OD8	OUT		0.021	5.35	2.5
214-080189B	2A214	1	PM	OD8	OUT		0.016	3.24	0.9
214-080189B	2A214	2	PM	OD8	OUT		0.01	2.02	0.5
214-080189B	2A214	3	PM	OD8	OUT		0.01	2.05	0.6
214-080289A	9Z214	1	PM	OD8	OUT		0.001	0.09	0.1
214-080289A	9Z214	2	PM	OD8	OUT		0.001	0.08	0.1
214-080389A	3I214	1	PM	OD8	OUT		0.01	0.28	0.03
214-080389A	3I214	2	PM	OD8	OUT		0.01	0.29	0.03
214-080389A	3I214	3	PM	OD8	OUT		0.009	0.26	0.03
214-080389B	4I214	1	PM	OD8	OUT		0.002	0.07	0.04
214-080389B	4I214	2	PM	OD8	OUT		0.001	0.04	0.02
214-080389B	4I214	3	PM	OD8	OUT		0.001	0.04	0.02
214-080489A	5I214	1	PM	OD8	OUT		0	0	0
214-080489A	5I214	2	PM	OD8	OUT		0.001	0.01	0
214-080489A	5I214	3	PM	OD8	OUT		0	0	0
214-080589A	2Z214	1	PM	OD8	OUT		0.001	0.01	0.003
214-080589A	2Z214	2	PM	OD8	OUT		0.001	0.01	0.003
214-080589A	2Z214	3	PM	OD8	OUT		0.001	0.01	0.003
214-080789A	3Z214	1	PM	OD8	OUT		0.007	0.27	0.09
214-080789A	3Z214	2	PM	OD8	OUT		0.006	0.17	0.06
214-080789A	3Z214	3	PM	OD8	OUT		0.006	0.16	0.05
214-080889A	1S214	1	PM	OD8	OUT		0.085	21.85	126
214-080889A	1S214	2	PM	OD8	OUT		0.034	8.83	51
214-080889A	1S214	3	PM	OD8	OUT		0.106	27.13	156

PLYWOOD - PARTICULATE MATTER (PM) TABLE, page 2b

lb/MMBtu	lb/MSF 3/8	lb/MSF 3/4	Other (Units)	Comments
	0.0584			3 Dryers to a single WESP.
	0.0688			3 Dryers to a single WESP.
	0.039			3 Dryers to a single WESP.
	0.0457			3 Dryers to a single WESP.
	0.0549			3 Dryers to a single WESP.
	0.038			3 Dryers to a single WESP.
	0.023			3 Dryers to a single WESP.
	0.041			3 Dryers to a single WESP.
	0.054			3 Dryers to a single WESP.
	0.05			3 Dryers to a single WESP.
	0.054			3 Dryers to a single WESP.
	0.0236			3 Dryers to a single WESP; high CPM/PM ratio.
	0.0177			3 Dryers to a single WESP; high CPM/PM ratio.
	0.0221			3 Dryers to a single WESP; high CPM/PM ratio.
	0.014			3 Dryers to a single WESP; high CPM/PM ratio.
	0.012			3 Dryers to a single WESP; high CPM/PM ratio.
	0.014			3 Dryers to a single WESP; high CPM/PM ratio.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Green material being handled.
				Green material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Green material being handled.
				Green material being handled.
				Green material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.
				Dry material being handled.

TABLE C-3 DRYER TYPE CODES

CODE	DEFINITION
JET	Jet
LFLOW	Longitudinal Flow
PANEL	Panel
PLAT	Platen
RFREQ	Radio Frequency
RSP	Rotary Single Pass
RTP	Rotary Triple Pass
RU	Rotary Unspecified
TUBE	Tube Type

TABLE C-4 FUEL TYPE CODES

CODE	DEFINITION
MDF	MDF Scraps
DFINE	Dry Fines, Unspecified. May or May Not Contain Resin.
STEAM	Steam
TRIM	Trim
SDUST	Sanderdust
NGAS	Natural Gas
WREF	Wood Refuse or Wood Waste, Unspecified. May or May Not Contain Resin.
BARK	Bark
OIL	Oil
SAWD	Sawdust
FINES	Fines, Unspecified. May or May Not Contain Resin.
WDUST	Wood Dust, Unspecified. May or May Not Contain Resin.
BSG	Boiler Stack Gas

TABLE C-5 POLLUTANT CODES

CODE	DEFINITION
111-T-CH-E	1,1,1-Trichloroethane
124TMBENZ	1,2,4-Trimethyl Benzene
2-5-DMBENZ	2,5 Dimethyl Benzaldehyde
4-M-2-PENT	4-Methyl-2-Pentanone
44METDIAN	4,4 Methylene Dianiline
A-PINENE	Alpha Pinene
A-TERPENE	Alpha Terpeneol
ACETALD	Acetaldehyde
ACETONE	Acetone
ACETPH	Acetophenone
ACROLEIN	Acrolein
ACRYLNIT	Acrylonitrile
ALD/KET	Aldehydes/Ketones (Generally from Method 0011)
B-PINENE	Beta Pinene
BENZALD	Benzaldehyde
BENZENE	Benzene
BIPHENYL	Biphenyl
BIS-2EH-PH	Bis-(2-Ethylhexyl Phthalate)
BROMOMET	Bromomethane
BUTBENPHTH	Butylbenzyl Phthalate
BUTYLALDEH	Butylaldehyde
CARBDIS	Carbon Disulfide
CARBTETCHL	Carbon Tetrachloride
CHLOROFORM	Chloroform
CHLOROMET	Chloromethane
CO	Carbon Monoxide

TABLE C-5 POLLUTANT CODES (Cont'd)

CODE	DEFINITION
CO2	Carbon Dioxide
CPM	Condensible Particulate Matter, Back Half Only
CROTONALDE	Crotonaldehyde
D-N-BUT-PH	Di-N-Butyl Phthalate
DBM	Dibromomethane
DMS	Dimethyl Sulfide
ETYLBENZ	Ethyl Benzene
FOR	Formaldehyde
HAPS	"Catch All" Category, Generally Involves Testing for "Hazardous Air Pollutants"
HEXALD	Hexaldehyde
HYDROQUIN	Hydroquinone
ISOOCTANE	Isooctane
ISOVALALD	Isovaleraldehyde
M-P-XYLENE	m,p Xylene
M-TOLALD	m-Tolualdehyde
MDI	Methylene Bisphenyl Isocyanate
MEK	Methyl Ethyl Ketone
METH	Methane
METHENECHL	Methylene Chloride
N-BUTYRALD	N-Butyraldehyde
N-HEXANE	N-Hexane
NAPHTHALENE	Naphthalene
NITROBENZ	Nitrobenzene
NOX	Nitrogen Oxides
O-TOLALD	o-Tolualdehyde

TABLE C-5 POLLUTANT CODES (Cont'd)

CODE	DEFINITION
O-XYLENE	o-Xylene
P-CYMEME	p-Cymene
P-TOLALD	p-Tolualdehyde
PHENOL	Phenol
PM	Particulate Matter, Filterable Particulate, Front Half Only
PM10	PM10, Particulate Matter less than 10 Microns
PM10&CPM	Particulate Matter less than 10 Microns, Includes Condensible Particulate Matter (Back Half)
PROPIONALD	Propionaldehyde
SO2	Sulfur Dioxide
STYRENE	Styrene
T-FL-METH	Trichlorofluoromethane
T1-4-DCBUT	Trans 1,4 Dichlorobutene
TOLUENE	Toluene
VALALD	Valeraldehyde
VINYLACET	Vinyl Acetate
VOC	Volatile Organic Compounds, Sometimes Called TOC or THC

TABLE C-9 STACK TEST METHOD CODES

CODE	DEFINITION
?	Unknown, Method Not Provided in Submittal
G5T	Georgia 5T (Similar to ODEQ-7)
M0010	SW-846 Method 0010, Often Termed Semi-VOST or MM5
M0011	BIF Method 0011, for Aldehydes and Ketones, 40 CFR 266 Appendix IX
M0030	SW-846 Method 0030, Termed VOST, Volatile Organic Sampling Train
M1	EPA Method 1
M10	EPA Method 10
M10B	EPA Method 10B
M18	EPA Method 18
M2	EPA Method 2
M201/201A	Modification of Method 201A
M201/202	EPA Methods 201 and 202, PM10 Front and Back Half
M201A	EPA Method 201A
M201A/202	EPA Methods 201A and 202, PM 10 Front and Back Half
M201A/OD7	EPA Method 201A with ODEQ 7 Back Half
M202	EPA Method 202
M25	EPA Method 25
M25A	EPA Method 25A
M25M	Modification of Method 25A
M3	EPA Method 3
M4	EPA Method 4
M5	EPA Method 5
M5/202	EPA Methods 5 and 202, Front and Back Half

TABLE C-9 STACK TEST METHOD CODES (Cont'd)

CODE	DEFINITION
M5/OD7	EPA Method 5 with ODEQ Method 7 Back Half
M5A	EPA Method 5A - Back Half
M5X	EPA Method 5 Type Train with NaOH in the Impingers
M6	EPA Method 6
M604	Method 604 (Phenol)
M7C	EPA Method 7C
M7E	EPA Method 7E
MGC	A Gas Chromatographic Method, Unspecified
MM0011	Modified BIF Method 0011
MM5	A Modification of Method 5
MN3500	Modified NIOSH 3500
N347	NIOSH P&CAM 347
N3500	NIOSH Method 3500
NM1501	NIOSH Method 1501
OD5	ODEQ 5
OD7	ODEQ 7
OD8	ODEQ 8
P&CAM125	P&CAM 125
TO-11	TO-11 (Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air)
TO-5	TO-5 (Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air)
TO-8	TO-8 (Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air)

TABLE C-10 WOOD MATERIALS FORM CODES

CODE	DEFINITION
CHP	Chips
DCHP	Debarked Chips
FIBR	Fiber
LOG	Logs
LUMB	Lumber
PSHAV	Planar Shavings
SAWD	Sawdust
SF	Strands or Flakes
SHAV	Shavings
SKERF	Saw Kerf
TRIM	Trim
VENE	Veneer
WTC	Whole Tree Chips

TABLE C-11 WOOD SPECIES CODES

CODE	DEFINITION
ASPEN	Aspen
DFIR	Douglas Fir
GUM	Gum
HWOOD	Unspecified Hardwood
LARCH	Larch
LOB P	Loblolly Pine
LODGE P	Lodgepole Pine
MAPLE	Maple
OAK	Oak
PINE SP	Unknown Pine Species (Specific Information Not Provided)
POND P	Ponderosa Pine
POPLAR	Poplar
REDW	Redwood
SPRUCE	Spruce
SWOOD	Unspecified Softwood
SY PINE	Southern Yellow Pine (Mixed or Unspecified Southern Pines)
UFIR	Unspecified Fir
UWOOD	Wood from Urban Recycling Plant
WFIR	White Fir
HEM	Hemlock

APPENDIX D

GLOSSARY AND COLUMN HEADINGS

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GLOSSARY AND COLUMN HEADINGS

% Free Formaldehyde - Best defined as percent free formaldehyde as determined by Wood Adhesives Manufacturers Technical Association (WAMTA) Methods 10.1 and 11.1.

% Fuel - Provides information on the percentage of total heat input supplied by the fuel (specified in the column to the left).

% Species - The approximate percentage of each wood species referred to in the previous column.

Amount Fuel - Provides information on the amount of fuel (specified in the column to the left) that was combusted. Units are not consistent and are specified within the column.

Any Catalyst or Scavenger? - A "Y" or "N" answer is provided to answer the question, "Are any catalysts or scavengers used?"

Application Rate - The rate at which the adhesive (specified in the column to the left) is applied. Units are inconsistent and specified within the column.

Board Density (lb/ft^3) - The density of the panel being pressed during the testing period.

Core and Surface Different? - A "Y" or "N" answer is provided to answer the question, "Is the resin type and application rate different for the core and surface layers?"

Core, Surface, or Both - A "C," "S," or "B" answer is provided to the question, "Is the dryer producing material for the core of the panel, the surface of the panel or both?"

Dryer Capacity - Information is shown as provided in mixed units. In some cases units were not provided. A strict definition of capacity was not given in the survey, therefore the basis for the given capacities is unknown (nameplate, maximum, etc.).

Dryer Type - General type or configuration of the dryer. Code definitions are provided in Table C-3 in Appendix C.

Fac Code - Facility Code. Three digit code assigned to each mill. The facility code is part of all test codes and unit codes associated with the specific mill.

Field - Database lingo for a column in a table.

Final PCD - Final Pollution Control Device. If only one control device exists, it is coded as a Final PCD. If two exist, they are coded as Initial and Final PCDs. If a series of three PCDs

exists, Initial, Intermediate and Final PCD columns are all used. Code definitions are provided in Table C-6 in Appendix C.

Firing Type - Provides broad categories for the means by which a dryer is heated. Code definitions are provided in Table C-2 in Appendix C.

Formaldehyde Mole Ratio - The mole ratio of formaldehyde to urea or phenol.

gr/dscf - grains per dry standard cubic feet.

Hot Air Source - Similar to Firing Type column in the Dryer A Table, but with more detail. For most purposes the Firing Type column in Table A will provide a more convenient means of segregating the data. The codes for this column (field) can be used when more detail is needed. Code definitions are provided in Table C-3 in Appendix C.

Initial PCD - Initial Pollution Control Device. If only one control device exists, it is coded as a Final PCD. If two exist, they are coded as Initial and Final PCDs. If a series of three PCDs exists, Initial, Intermediate and Final PCD columns are all used. Code definitions are provided in Table C-6 in Appendix C.

Inlet Moisture (% OD) - Provides information on the percent moisture of the wood feed at the process unit inlet, on an oven dry basis.

Inlet Temperature (F) - Provides information on the temperature, in Fahrenheit, at the inlet of the dryer.

Intermediate PCD - Intermediate Pollution Control Device. If only one control device exists, it is coded as a Final PCD. If two exist, they are coded as Initial and Final PCDs. If a series of three PCDs exists, Initial, Intermediate and Final PCD columns are all used. Code definitions are provided in Table C-6 in Appendix C.

lb/hr - pounds per hour.

lb/MMBtu - pounds of pollutant per million Btus of heat input.

lb/MSF ¾ - pounds of pollutant per thousand square feet of panel produced at a nominal thickness of 3/4 inch.

lb/MSF ⅜ - pounds of pollutant per thousand square feet of panel produced at a nominal thickness of 3/8 inch.

lb/ODT - pounds of pollutant per oven dry ton of wood material processed through the unit.

MMBtu/hr - Million Btus per hour heat input.

Moisture Content (%) - The moisture content of the wood material prior to entering the press. Basis unspecified.

Nominal Thickness (inches) - Provides information on the thickness of panel pressed during the testing period.

Number of (Press) Vents - Provides information on the number of vents or stacks through which the press, cooler or unloader releases emissions to the atmosphere.

ODTH - Oven dry tons per hour.

One to One? - A "Y" or "N" answer is provided to the question, "Is there one unit and one stack?" If the column contains a "Y" (for yes), conversion from a pollutant-mass-rate to a production-based-pollutant-rate was generally straightforward. If the column contains an "N," the conversion may not have been straightforward and assumptions may have been made. The user should check the comments column for information on assumptions.

Other Additives? - A "Y" or "N" answer is provided to the question, "Are additives other than wax, catalysts and scavengers used?"

Outlet Moisture (% OD) - Provides information on the percent moisture of the wood material at the process unit outlet, on an oven dry basis.

Outlet Temperature (F) - Provides information on the temperature, in Fahrenheit, at the outlet of the dryer.

Pollutant - Compound or group of compounds for which the test(s) were conducted. Code definitions are provided in Table C-5 in Appendix C.

ppm - parts per million.

Press Cycle Time (min.) - Provides the time, in minutes, for which the panels were pressed during the testing period.

Press Temperature (F) - Press operating temperature, in Fahrenheit, during the testing period.

Product - Panel type produced. Code definitions are provided in Table C-7 in Appendix C.

Production Rate - The production rate of the tested equipment as provided in report, on survey forms or as calculated. If (Units) are shown, the data provided in the column have inconsistent units and the unit is provided. Otherwise the units are specified. Unit explanations are included in this glossary.

Q/C? - A "Y" or "N" answer is provided to the question, "Is there a quench or cooling section for the dryer exhaust?"

Query - Database lingo for a structured question to be "answered" by the database.

Raw Wood Mat'l - Raw Wood Material. The form in which the mill receives its wood. Code definitions are provided in Table C-10 in Appendix C.

Record - Database lingo for a row of information in a table.

Recycled? - A "Y" or "N" answer is provided to the question, "Is any of the exhaust from the dryer recycled back into the burner or dryer?"

Run - The assigned sample run number.

Sam. Loc. - Sample Location. Provides information on the sample location relative to a control device. IN indicates inlet to the control device. OUT indicates outlet from a control device as well as outlet to the atmosphere (for those cases in which a control device does not exist).

Size and Openings - Provides a description of the press area in feet and information on the number of openings. For example, 10 x 25 5 openings describes a press that is 10 feet wide, 25 feet long and has 5 openings.

Stack Flow (dscfm) - The air flow rate at the sampling point, provided in the unit of dry standard cubic feet per minute.

Stack Moisture (%) - The percent moisture (by volume) at the sample point.

Stack Temperature (F) - The temperature in Fahrenheit at the sample point.

Test Code - Please see Section III C. (3).

Type Adhesive - The type of resin or adhesive used during the testing period. Code definitions are provided in Table C-8 in Appendix C.

Type Fuel - Type of fuel burned by the particular unit. "A" Tables provide capabilities and general usage, "B" Tables provide specific run-by-run fuel information. Code definitions are provided in Table C-4 in Appendix C.

Unit Code - Please see Section III C. (2).

Wax Application Rate - The rate at which wax was applied. Units are inconsistent and specified within the column.

Wood Species - The type of wood used. The General Information table indicates wood type generally used at the mill. Run-by-run specific wood use is provided in the "B" tables. Code definitions are provided in Table C-11 in Appendix C.

APPENDIX E

DATABASE ORDER FORM

APPENDIX E

DATABASE ORDER FORM

REQUEST FOR WOOD PRODUCTS AIR
EMISSION DATABASE ON DISKETTE

Please send diskettes to:

Name _____

Company _____

Address _____

_____

Type of Diskette:

5.25" _____ 3.5" _____

Send the:

MDF Database	_____
OSB Database	_____
Particleboard Database	_____
Plywood Database	_____
Boiler Database	_____
All of the Above	_____

Software Format:

		Version
Paradox 5.0 for Windows	_____	
Paradox 4.0 for Dos	_____	
dBASE (*.dbf)	_____	_____
Quattro	_____	_____
Lotus	_____	_____
Excel	_____	_____
Delimited Text	_____	
Fixed Length Text	_____	

(NOTE: The databases exist as Paradox 5.0 for Windows files. If your software can directly read Paradox 5.0 for Windows, the database should be ordered in that format. If your software reads Paradox 4.0 or higher for DOS or any Paradox for Windows version (except 5.0) you should order the Paradox 4.0 for DOS version. If you order a dBASE version, the data will transfer well but some of the headings will change slightly. Spreadsheet versions will require more reformatting and restructuring than any of the database versions.)

Send this request to:

Dr. David H. Word
NCASI
P. O. Box 141020
Gainesville, Florida 32614-1020

Fax: 904-371-6557