AP32 Section:	12.5.1
Title:	Source test information retrieved from STIRS database

SOURCE TEST INFORMATION RETRIEVAL SYSTEM

A.E. STALEY
LAFAYETTE, IN

TEST DATE : 05/10/91
SCC :
PROCESS DESCRIPTION : STARCH FLASH DRYER STACK
CONTROL DEVICE : UNCONTROLLED

AP42 SEC.: 9.9.7
FILE NAME: IN0057

POLLUTANT : FILTERABLE PARTICULATE MATTER
TEST METHOD : 5

CONTROL EFFICIENCY : 0%
PROCESS RATE : 12.170000 tons/hr
EMISSION RATE : 1.58000000 lbs/hr

NOTES :

BARBARY COAST STEEL CORP.
PO Box 8842
Emeryville, CA
94662

TEST DATE : 06/01/90
SCC : 30300904
PROCESS DESCRIPTION : Steel Prod. - electric arc furnace
CONTROL DEVICE : baghouse

AP42 SEC.:
FILE NAME: SFB055

POLLUTANT : Arsenic
TEST METHOD : 29

CONTROL EFFICIENCY : 0%
PROCESS RATE : 26.220000 ton/hr
EMISSION RATE : 0.00011500 lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO_3 & 10% H_2O_2, 3 & 4 impingers with $KMNO_4/H_2SO_4$, impinger 5 with silica gel.

POLLUTANT : Arsenic
TEST METHOD : 29

CONTROL EFFICIENCY : 0%
PROCESS RATE : 24.440000

ton/hr

lb/hr

| | EMISSION RATE : 0.00018300

NOTES :
Sample used CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Cadmium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000

ton/hr

lb/hr

| | EMISSION RATE : 0.00170000

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test.
No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Cadmium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000

ton/hr

lb/hr

| | EMISSION RATE : 0.00091100

NOTES :
Sampled from inside baghouse using CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with .1N HNO3, 3rd empty, last 2 silica gel.

| POLLUTANT : Cadmium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 26.220000

ton/hr

lb/hr

| | EMISSION RATE : 0.00122100

NOTES :

Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

SOURCE TEST INFORMATION RETRIEVAL SYSTEM

| POLLUTANT : Cadmium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 29.470000
ton/hr
| | EMISSION RATE : 0.00149800
lb/hr

NOTES :
Sample used CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with .1N HNO3, 3rd impinger empty, and 4 & 5 with silica gel.

| POLLUTANT : Cadmium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.440000
ton/hr
| | EMISSION RATE : 0.00139000
lb/hr

NOTES :
Sample used CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Cadmium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 25.900000
ton/hr
| | EMISSION RATE : 0.00209000
lb/hr

NOTES :
Sampled using CARB method 424. Sample collection has no field data,

sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with .1N HNO3, 3rd empty, last two with silica gel.

| POLLUTANT : Chromium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 26.220000
ton/hr
| | EMISSION RATE : 0.00089600
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Chromium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.440000
ton/hr
| | EMISSION RATE : 0.00158000
lb/hr

NOTES :
Sample used CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Chromium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000
ton/hr
| | EMISSION RATE : 0.00165500
lb/hr

NOTES :
no field data; sampling performed inside baghouse non-isokinetically; leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Copper | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000
ton/hr
| | EMISSION RATE : 0.00565200
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Sampled for combined metals. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Copper | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 26.220000
ton/hr
| | EMISSION RATE : 0.00497000
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Copper | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.440000
ton/hr
| | EMISSION RATE : 0.00557000
lb/hr

NOTES :
Sample used CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Lead | CONTROL EFFICIENCY : 0%

| TEST METHOD : 29 | PROCESS RATE : 24.960000 ton/hr

| EMISSION RATE : 0.08961000 lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Lead | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000 ton/hr

| EMISSION RATE : 0.04269000 lb/hr

NOTES :
Sampled from inside baghouse using CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with .1N HNO3, 3rd empty, last 2 silica gel.

| POLLUTANT : Lead | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 26.220000 ton/hr

| EMISSION RATE : 0.06620000 lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Lead | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 29.470000 ton/hr

| EMISSION RATE : 0.07070000 lb/hr

NOTES :

Sample used CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with .1N HNO3, 3rd impinger empty, and 4 & 5 with silica gel.

| POLLUTANT : Lead | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.440000

ton/hr

lb/hr

| | EMISSION RATE : 0.06502000

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel. Recovered in KMNO4. Sampled for combined metals.

| POLLUTANT : Lead | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 25.900000

ton/hr

lb/hr

| | EMISSION RATE : 0.05072000

NOTES :
Sampled using CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with .1N HNO3, 3rd empty, last two with silica gel.

| POLLUTANT : Manganese | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000

ton/hr

lb/hr

| | EMISSION RATE : 0.01738000

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Sampled for combined metals. Leak

check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Manganese | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 26.220000
ton/hr
| | EMISSION RATE : 0.01520000
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Manganese | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.440000
ton/hr
| | EMISSION RATE : 0.01760000
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel. Recovered in KMNO4. Sampled for combined metals.

| POLLUTANT : Mercury | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000
ton/hr
| | EMISSION RATE : 0.00745000
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Sampled for combined metals. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel. Recovered in KMNO4.

| POLLUTANT : Mercury | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 26.220000
ton/hr
| | EMISSION RATE : 0.00008750
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel. Recovered in acid.

| POLLUTANT : Mercury | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 26.220000
ton/hr
| | EMISSION RATE : 0.02270000
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel. Recovered in KMNO4.

| POLLUTANT : Mercury | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.440000
ton/hr
| | EMISSION RATE : 0.00013900
lb/hr

NOTES :
Sample used CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel. Recovered in acid.

| POLLUTANT : Mercury | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.440000
ton/hr
| | EMISSION RATE : 0.02050000
lb/hr

NOTES :
Sample used CARB method 424. Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel. Recovered in KMNO4.

| POLLUTANT : Nickel | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000
ton/hr
| | EMISSION RATE : 0.00076300
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Nickel | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 26.220000
ton/hr
| | EMISSION RATE : 0.00060700
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Nickel | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.440000
ton/hr
| | EMISSION RATE : 0.00094600

lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel. Recovered in KMNO4. Sampled for combined metals.

| POLLUTANT : Selenium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000

ton/hr

| | EMISSION RATE : 0.01712000

lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Selenium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 26.220000

ton/hr

| | EMISSION RATE : 0.00029660

lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

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| POLLUTANT : Selenium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.440000

ton/hr

| | EMISSION RATE : 0.00040200

lb/hr

NOTES :
Sample collection has no field data, sampling performed inside

baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel. Recovered in KMNO4. Sampled for combined metals.

| POLLUTANT : Zinc | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000
ton/hr
| | EMISSION RATE : 0.64490000
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Zinc | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 26.220000
ton/hr
| | EMISSION RATE : 0.45280000
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

| POLLUTANT : Zinc | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.440000
ton/hr
| | EMISSION RATE : 0.53840000
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test. No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel. Recovered in KMNO4. Sampled for combined metals.

| POLLUTANT : Arsenic | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 24.960000
ton/hr
| | EMISSION RATE : 0.00012500
lb/hr

NOTES :
Sample collection has no field data, sampling performed inside baghouse therefore non-isokenetic. Leak check done pre-test only, not post-test.
No documentation of calibrations. 1 & 2 impingers with 5% HNO3 & 10% H2O2, 3 & 4 impingers with KMNO4/H2SO4, impinger 5 with silica gel.

BETHLEHEM STEEL CORP.
Johnstown, PA

| TEST DATE : 09/19/90 | AP42 SEC.: 12.5
| SCC : 30300904 | FILE NAME: PA22-06
| PROCESS DESCRIPTION : Steel Prod. - electric arc furnace
| CONTROL DEVICE :

| POLLUTANT : | CONTROL EFFICIENCY : 0%
| TEST METHOD : | PROCESS RATE : 0.000000
| | EMISSION RATE : 0.00000000

NOTES :

CARPENTER TECHNOLOGY CORP.
Reading, PA

| TEST DATE : 07/17/89 | AP42 SEC.: 12.13
| SCC : 30400701 | FILE NAME: PA22-24
| PROCESS DESCRIPTION : Steel Foundry - electric arc furnace

| CONTROL DEVICE :

| POLLUTANT :
| TEST METHOD :
| CONTROL EFFICIENCY : 0%
| PROCESS RATE : 0.000000
| EMISSION RATE : 0.00000000

NOTES :

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CARPENTER TECHNOLOGY CORP.

Reading, PA

| TEST DATE : 11/03/89
| SCC : 30400701
| PROCESS DESCRIPTION : Steel Foundry - electric arc furnace
| CONTROL DEVICE :
| AP42 SEC.: 12.13
| FILE NAME: PA22-25

| POLLUTANT :
| TEST METHOD :
| CONTROL EFFICIENCY : 0%
| PROCESS RATE : 0.000000
| EMISSION RATE : 0.00000000

NOTES :

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ELECTRIC STEEL CASTING

SPEEDWAY, IN

| TEST DATE : 08/18/93
| SCC :
| PROCESS DESCRIPTION : ELECTRIC ARC MELTING FURNACE
| CONTROL DEVICE : BAGHOUSE
| AP42 SEC.: 12.13
| FILE NAME: IN0087

| POLLUTANT : FILTERABLE PARTICULATE MATTER
| TEST METHOD : 5
| CONTROL EFFICIENCY : 0%
| PROCESS RATE : 3.750000
tons/hr
| EMISSION RATE : 0.33000000
lbs/hr

NOTES :

ENVIROTROL, INC.	TEST DATE	: 11/08/90	AP42 SEC.: 6.x
	SCC	: 301xxxxx	FILE NAME: PA22-29
Sewickley, PA	PROCESS DESCRIPTION	: Charcoal Regneration	
15143	CONTROL DEVICE	:	
	POLLUTANT	:	CONTROL EFFICIENCY : 0%
	TEST METHOD	:	PROCESS RATE : 0.000000
			EMISSION RATE : 0.00000000
	NOTES	:	

GREENVILLE METALS, INC.	TEST DATE	: 08/24/88	AP42 SEC.: 12.13
	SCC	: 30400701	FILE NAME: PA25-21
Pymatuning Twns, PA	PROCESS DESCRIPTION	: Steel Foundry - electric arc furnace	
	CONTROL DEVICE	:	
	POLLUTANT	:	CONTROL EFFICIENCY : 0%
	TEST METHOD	:	PROCESS RATE : 0.000000
			EMISSION RATE : 0.00000000
	NOTES	:	

HARRISON STEEL CASTINGS CO.	TEST DATE	: 09/24/92	AP42 SEC.: 12.13
	SCC	:	FILE NAME: IN0107
ATTICA, IN	PROCESS DESCRIPTION	: ELECTRIC ARC FURNACE	
	CONTROL DEVICE	:	

| POLLUTANT : | CONTROL EFFICIENCY : 0%
| TEST METHOD : | PROCESS RATE : 0.000000
| EMISSION RATE : 0.00000000

NOTES :

SOURCE TEST INFORMATION RETRIEVAL SYSTEM

HOEGANAES CORP.
River Rd/Taylor Lane
Riverton, NJ
08077

| TEST DATE : 02/28/90 | AP42 SEC.:
| SCC : 30300904 | FILE NAME: NJI0049
| PROCESS DESCRIPTION : Steel Prod. - electric arc furnace
| CONTROL DEVICE : Baghouse

| POLLUTANT : Arsenic | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 15.400000
ton/hr
| EMISSION RATE : 0.00029000
lb/hr

NOTES :
no documentation of nozzle calibrations; minimal documentation of analytical procedure

| POLLUTANT : Cadmium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 15.400000
ton/hr
| EMISSION RATE : 0.00098000
lb/hr

NOTES :
no documentation of nozzle calibrations; minimal documentation of analytical procedure

| POLLUTANT : Chromium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 15.400000
ton/hr

	EMISSION RATE	: 0.00037000

lb/hr

NOTES :
results based on two runs (run 3 below method detection limit); no documentation of nozzle calibrations; minimal documentation of analytical procedure

POLLUTANT : CO	CONTROL EFFICIENCY	: 0%
TEST METHOD : 10	PROCESS RATE	: 15.400000

ton/hr

	EMISSION RATE	:

102.00000000 lb/hour

NOTES :

POLLUTANT : Lead	CONTROL EFFICIENCY	: 0%
TEST METHOD : 29	PROCESS RATE	: 15.400000

ton/hr

	EMISSION RATE	: 0.00440000

lb/hr

NOTES :
no documentation of nozzle calibrations; minimal documentation of analytical procedure

POLLUTANT : Mercury	CONTROL EFFICIENCY	: 0%
TEST METHOD : 29	PROCESS RATE	: 15.400000

ton/hr

	EMISSION RATE	: 0.00230000

lb/hr

NOTES :
no documentation of nozzle calibrations; minimal documentation of analytical procedure

POLLUTANT : Nickel	CONTROL EFFICIENCY	: 0%
TEST METHOD : 29	PROCESS RATE	: 15.400000

ton/hr

	EMISSION RATE	: 0.00086000

lb/hr

NOTES :
results based on two runs (run 3 below method detection limit); no

documentation of nozzle calibrations; minimal documentation of analytical procedure

| POLLUTANT : NOx | CONTROL EFFICIENCY : 0%
| TEST METHOD : 7E | PROCESS RATE : 15.400000
ton/hr
| | EMISSION RATE : 5.48000000
lb/hour

NOTES :

| POLLUTANT : TOC as methane | CONTROL EFFICIENCY : 0%
| TEST METHOD : 25A | PROCESS RATE : 15.400000
ton/hr
| | EMISSION RATE : 0.83000000
lb/hour

NOTES :
No calibration gas certifications.

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SOURCE TEST INFORMATION RETRIEVAL SYSTEM

| POLLUTANT : PM | CONTROL EFFICIENCY : 99%
| TEST METHOD : 5 | PROCESS RATE : 16.130000
ton/hr
| | EMISSION RATE :
302.00000000 lb/hour

NOTES :
No documentation of nozzle calibration.. Filterable particulate only.

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HUSKY INDUSTRIES, INC.
P.O Box 267
Isanti, MN
55040

| TEST DATE : 08/22/86 | AP42 SEC.: 10.7
| SCC : 30799998 | FILE NAME: WI0090
| PROCESS DESCRIPTION : Charcoal Prod. - kiln - batch process
| CONTROL DEVICE : None

| POLLUTANT : Total PM | CONTROL EFFICIENCY : 0%
| TEST METHOD : 5 | PROCESS RATE : 293.000000

lb/hr

| | | EMISSION RATE : 0.04700000

lb/hr

NOTES :
Production rate based on 49,230-lb combined production (dry product) from 2 kilns over 7-day period; excellent documentation of process operations; no documentation of sampling train leak checks; back-half extraction w/ chloroform & diethyl ether

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LUKENS STEEL CO.

South Coatesvil, PA

| TEST DATE : 10/16/92 | AP42 SEC.: 12.13
| SCC : 30400701 | FILE NAME: PA28-53
| PROCESS DESCRIPTION : Steel Foundry - electric arc furnace
| CONTROL DEVICE :

| POLLUTANT :
| TEST METHOD :

| CONTROL EFFICIENCY : 0%
| PROCESS RATE : 0.000000

| EMISSION RATE : 0.00000000

NOTES :

NATIONAL FORGE CO.

Erie, PA

| TEST DATE : 05/06/87 | AP42 SEC.: 12.5
| SCC : 30300904 | FILE NAME: PA25-39
| PROCESS DESCRIPTION : Steel Prod. - electric arc furnace
| CONTROL DEVICE :

| POLLUTANT :
| TEST METHOD :

| CONTROL EFFICIENCY : 0%
| PROCESS RATE : 0.000000

| EMISSION RATE : 0.00000000

NOTES :

NAVAL AVIATION DEPOT
Bldg 472North Island
San Diego, CA

TEST DATE : 05/02/91
SCC : 30904020
PROCESS DESCRIPTION : Metal Deposition - plasma arc spraying
CONTROL DEVICE :

AP42 SEC.: 12.x
FILE NAME: SDD019

POLLUTANT :
TEST METHOD :

CONTROL EFFICIENCY : 0%
PROCESS RATE : 0.000000

EMISSION RATE : 0.00000000

NOTES :

NEW JERSEY STEEL CORP

Sayreville, NJ

TEST DATE : 05/08/90
SCC : 30300904
PROCESS DESCRIPTION : Steel Prod. - electric arc furnace
CONTROL DEVICE : Baghouse

AP42 SEC.: 12.5
FILE NAME: NJA0034

POLLUTANT : PM
TEST METHOD : 5

CONTROL EFFICIENCY : 0%
PROCESS RATE : 88.000000
ton/hr

EMISSION RATE : 5.80000000
lb/hour

NOTES :
No efficiency on baghouse. No documentation of meter box or temperature sensor calibration.. NJ-H2O

NORTHERN STEEL CASTINGS
330 9th Avenue Sout
Wisconsin Rapid, WI
54494

TEST DATE : 09/11/90
SCC : 30400701
PROCESS DESCRIPTION : Steel Foundry - electric arc furnace
CONTROL DEVICE : Baghouse

AP42 SEC.:
FILE NAME: WI0106

| POLLUTANT : Chromium | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 2.250000
ton/hr
| | EMISSION RATE : 0.00058000
lb/hr

NOTES :
baghouse has 3 vents - one vent tested & results multiplied by 3; water used in impingers as standard Method 5, w/ filter & water digested in HNO3; stainless steel probe; inadequate documentation of laboratory procedures

| POLLUTANT : CO | CONTROL EFFICIENCY : 0%
| TEST METHOD : 10 | PROCESS RATE : 2.250000
ton/hr
| | EMISSION RATE : 2.96000000
lb/hr

NOTES :
baghouse has 3 vents - one vent tested & results multiplied by 3; no documentation of analyzer specifications

| POLLUTANT : Manganese | CONTROL EFFICIENCY : 0%
| TEST METHOD : 29 | PROCESS RATE : 2.250000
ton/hr
| | EMISSION RATE : 0.00200000
lb/hr

NOTES :
baghouse has 3 vents - one vent tested & results multiplied by 3; water used in impingers as standard Method 5, w/ filter & water digested in HNO3; stainless steel probe; inadequate documentation of laboratory procedures

| POLLUTANT : Total PM | CONTROL EFFICIENCY : 0%
| TEST METHOD : 5 | PROCESS RATE : 2.250000
ton/hr
| | EMISSION RATE : 1.73000000
lb/hr

NOTES :
total PM = filterable + inorganic, organic condensible; baghouse has 3 vents - 1 vent tested and results multiplied by 3; no documentation of

nozzle calibration

NUCOR STEEL	TEST DATE : 11/29/90	AP42 SEC.: 12.13	
	SCC :	FILE NAME: IN0041	
CRAWFORDSVILLE, IN	PROCESS DESCRIPTION : ELECTRIC ARC FURNACE CHARGE W/ STEEL SCRAP		
	CONTROL DEVICE : BAGHOUSE		
	POLLUTANT : VOLATILE ORGANIC COMPOUND	CONTROL EFFICIENCY : 0%	
	TEST METHOD : 25	PROCESS RATE : 106.000000	tons/hr
		EMISSION RATE :	294.50000000 lbs/hr
	NOTES :		

PACIFIC STEEL CASTING CO.	TEST DATE : 06/14/90	AP42 SEC.:	
1333 Second St.	SCC : 30300904	FILE NAME: SFA225	
Berkeley, CA	PROCESS DESCRIPTION : Steel Prod. - electric arc furnace		
94710	CONTROL DEVICE : baghouse		
	POLLUTANT : CO	CONTROL EFFICIENCY : 0%	
	TEST METHOD : 10	PROCESS RATE : 3.300000	ton/hr
		EMISSION RATE : 4.60000000	lb/hr
	NOTES : No field data. No doc of sampling analysis. Data finalization results inconsistent		
	POLLUTANT : Filterable PM	CONTROL EFFICIENCY : 0%	
	TEST METHOD : 5	PROCESS RATE : 3.300000	ton/hr
		EMISSION RATE : 1.80000000	lb/hr

NOTES :
Avg emission rate during runs A,C = 2.1 lb/hr (with baghouse shakedown); during run B (w/o shakedown), 1.3 lb/hr: thus 7-minute shakedown increases emissions 86% during 56-minute run; no doc of

control efficiency. No doc of equipment used for calibrations. No doc of acetone blank anaylsis.

PELTON CASTEEL, INC.
148 W Dewey Place
Milwaukee, WI
54494

TEST DATE : 02/14/89
SCC : 30400304
PROCESS DESCRIPTION : Iron Foundry - electric arc furnace
CONTROL DEVICE : Baghouse

AP42 SEC.: 12.10
FILE NAME: WI0103

POLLUTANT : Total PM
TEST METHOD : 5

CONTROL EFFICIENCY : 0%
PROCESS RATE : 3.080000
ton/hr
EMISSION RATE : 0.60000000
lb/hr

NOTES :
baghouse has 6 vents - one vent tested & results multiplied by 6; total PM includes filterable + organic, inorganic condensible

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RARITAN RIVER STEEL CO.

Perth Amboy, NJ

TEST DATE : 09/07/90
SCC : 30300904
PROCESS DESCRIPTION : Steel Prod. - electric arc furnace
CONTROL DEVICE : Baghouse

AP42 SEC.:
FILE NAME: NJF0127

POLLUTANT : CO
TEST METHOD : 7E

CONTROL EFFICIENCY : 0%
PROCESS RATE : 0.000000
EMISSION RATE : 0.00000000

NOTES :
strip charts poorly labeled; no calculations shown; no documentation of sampling temperature, drift tests, or leak checks

| POLLUTANT : PM | CONTROL EFFICIENCY : 0%
| TEST METHOD : 5 | PROCESS RATE : 0.000000
| | EMISSION RATE : 0.00000000

NOTES :
Cadmium: 8.902 E-6 lb/ton steel produced
Chromium: 6.753E-5 lb/ton steel produced
Lead: 3.871E-4 lb/ton steel produced
Nickel: >4.122E-5 lb/ton steel produced
Zinc: 5.329E-3 lb/ton steel produced

Method 1 does not meet M1 criteria
No documentation of calibration nozzle. EPA M-5D (metals), Heated umbilical tube used instead of probe.

| POLLUTANT : NOx | CONTROL EFFICIENCY : 0%
| TEST METHOD : 10 | PROCESS RATE : 0.000000
| | EMISSION RATE : 0.00000000

NOTES :
non-isokinetic method 1
strip charts no labeled properly for Field Data.
No calculations shown for finalized data.
No documentation of sampling temperature.
No documentation of drift tests.
No documentation of leak checks

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SALMON BAY STEEL
PO BOX 16995
SEATTLE, WA
98116

| TEST DATE : 02/14/93 | AP42 SEC.: 12.X
| SCC : | FILE NAME: PSA0024
| PROCESS DESCRIPTION : ELECTRIC ARC FURNACE
| CONTROL DEVICE :

| POLLUTANT : | CONTROL EFFICIENCY : 0%
| TEST METHOD : | PROCESS RATE : 0.000000

| | | EMISSION RATE : 0.00000000

NOTES :

SOURCE TEST INFORMATION RETRIEVAL SYSTEM

ST JOE MINERALS CORP.
Monaca, PA
15061

| TEST DATE : 09/16/87 | AP42 SEC.: 12.7
| SCC : 303030xx | FILE NAME: PA29-08
| PROCESS DESCRIPTION : Primary Zinc - electric arc furnace
| CONTROL DEVICE :

| POLLUTANT :
| TEST METHOD :

| CONTROL EFFICIENCY : 0%
| PROCESS RATE : 0.000000

| EMISSION RATE : 0.00000000

NOTES :

TELEDYNE, INC.
Latrobe, PA

| TEST DATE : 07/29/86 | AP42 SEC.: 12.5
| SCC : 303009xx | FILE NAME: PA29-18
| PROCESS DESCRIPTION : Argon-Oxygen decarburization vessel w/elec arc furnace
| CONTROL DEVICE :

| POLLUTANT :
| TEST METHOD :

| CONTROL EFFICIENCY : 0%
| PROCESS RATE : 0.000000

| EMISSION RATE : 0.00000000

NOTES :