

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.

**AP42 Section: 2.7**

**Reference Number: 6**

**Title:** Wood Waste Disposal And Utilization. Engineering Experiment  
**Station,** Oregon State University, Corvallis, OR, Bulletin Number 39. p.57.

**Author:** R. W. Boubel, et al.

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CONICAL BURNERS  
AP-42 Section 2.3  
Reference Number  
6

Ref

Bouhel, R.W., et al.

Wood Waste Disposal + Utilization

Ball. # 39, June '58

Oregon State Engrg. Experiment  
Station

Summary of Test Data From Waste Burners

Mill no.	Run no.	Burner size ft		Burner physical condition	Overfire air inlet method	Type of fuel fired	Fuel rate lb/day	Cinder rate lb/day	Ton
		Base	Top						
1	1	50	48	22	Tangential, door open	Shavings, sawdust, slab, trimmings	103,000	141	2.8
1	2	50	48	22	Run not completed - wind shifted after start	Shavings, sawdust, slab, trimmings	96,000	39	0.8
1	3	50	48	22	Tangential, door closed, 1/2 openings	Shavings, sawdust, slab, trimmings	116,000	20	0.4
1	4	50	48	22	Tangential, door open	Sawdust, slab, trimmings	164,000	15	0.2
1	5	50	48	22	Tangential, door closed	Shavings, sawdust, slab, trimmings	86,000	3	Neg
1	6	50	48	22	"	"	83,000	19	0.5
2	7	35	35	15	"	Slab, trimmings, some sawdust	99,000	23	0.5
2	8	35	35	15	"	"	131,000	390	6.0
3	9	50	48	22	Nondirectional, door closed	Slab, trimmings, some shavings and sawdust	166,000	606	7.3
3	10	50	48	22	Nondirectional, door open	Slab, trimmings, some shavings and sawdust	32,000	21	1.3
4	11	48	43	22	Tangential, door closed	Slab, trimmings, some sawdust	68,000	47	1.4
4	12	48	43	22	"	"	166,000	382	4.6
5	13	40	40	20	Nondirectional, door open	Slab, shavings	126,000	284	4.5
5	14	40	40	20	Nondirectional, door open	"	269,000	2730	20
6	15	50	50	24	Nondirectional, door open	Slab, shavings, some sawdust	290,000	664	4.6
6	16	50	50	24	Nondirectional, door open	Slab, some sawdust	69,000	246	7.0
7	17	43	40	23	Tangential, door closed	Slab, trimmings, sawdust	190,000	291	3.1
7	18	43	40	23	"	"	168,000	1002	12.0
8	19	50	55	22	Nondirectional, door closed	Slab, shavings, sawdust, trimmings, edgings			