



**Stanlin Energy System - Draft Regulator Case Study**

*Buse Timber Company  
Everett, WA*



**Buse Timber Company  
Everett, Washington**  
 600 Horsepower Cleaver Brooks  
 High Pressure Steam Boiler.  
 The SES Draft Regulator is  
**Saving approximately \$5,000.00  
 per Month!!**

Buse Timber Test Results	Low Fire		Medium Fire		High Fire	
	Before	After	Before	After	Before	After
Stack Temperature	371	316	388	357	403	371
Oxygen	7.5%	1.5%	6.9%	1.7%	3.9%	2.0%
Carbon Dioxide CO2	7.6%	11.0%	8.0%	10.9%	9.7%	10.7%
Static Draft	-.08	+.08	-.24	+2.1	-.26	+3.1
Excess Air	49.9%	6.9%	43.9%	7.5%	20.5%	9.5%
Pilot Tube Draft	.07	.02	.31	.17	.46	.27
Air Velocity-Volume	1300	780	2750	2050	3650	2650

**“It has been installed for over eleven (11) Years now, and is as good today as when it was installed, except it’s a little golden colored now from 11 years of heat. It’ll probably last 30-50 more years.”**

**- Buse Timber**

**Contact a ECMI Associate to Schedule a Feasibility Study for Your Facility!**

**414-964-0072**

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