

RECOMMENDED BOILER OPERATING COMBUSTION PARAMETERS

Boiler Series	Draft @ Boiler Outlet (i.w.c.)	Overfire Pressure (i.w.c.)	High Fire			
			CO2 (%)	O2 (%)	CO (ppm)	Smoke #
ATMOSPHERIC NATURAL GAS-FIRED BOILERS						
CL/CLM	-0.02 to -0.04	n/a	7.5 to 9.0	7.5 to 4.8	< 400	0
F	-0.02 to -0.04	n/a	7.5 to 8.5	7.5 to 5.8	< 400	0
K	-0.02 to -0.06	n/a	8.0 to 9.5	6.7 to 4.0	< 400	0
FORCED DRAFT NATURAL GAS-FIRED BOILERS						
AB	+0.25 to -0.06	0.00 to +0.80	9.0 to 10.0	4.8 to 3.0	< 400	0
CL/CLM	0.00 to -0.04	-0.02 to +0.02	8.5 to 10.0	5.8 to 3.0	< 400	0
D	-0.01 to -0.04	-0.02 to +0.04	7.5 to 9.5	7.5 to 4.0	< 400	0
DR	+0.10 to -0.06	0.00 to +0.80	9.0 to 10.0	4.8 to 3.0	< 400	0
EB	+0.10 to -0.10	0.00 to +1.00	9.0 to 10.0	4.8 to 3.0	< 400	0
HE-AB	0.00 to -0.06	+0.50 to +1.00	9.0 to 10.0	4.8 to 3.0	< 400	0
HECL/HE-CLM	0.00 to -0.06	-0.02 to +0.20	8.5 to 10.0	5.8 to 3.0	< 400	0
HED	-0.01 to -0.04	-0.02 to +0.04	7.5 to 9.5	7.5 to 4.0	< 400	0
HE-RV	+0.10 to -0.10	+0.50 to +1.50	9.0 to 10.0	4.8 to 3.0	< 400	0
RV	+0.50 to -0.10	0.00 to +1.00	9.0 to 10.0	4.8 to 3.0	< 400	0
RW	+0.50 to -0.10	0.00 to +1.00	9.0 to 10.0	4.8 to 3.0	< 400	0
FORCED DRAFT #2 OIL-FIRED BOILERS						
AB	+0.25 to -0.06	0.00 to +0.80	11.5 to 12.5	5.6 to 4.2	< 400	0
CL/CLM	0.00 to -0.04	-0.02 to +0.02	10.0 to 12.0	7.6 to 5.0	< 400	0
D	-0.01 to -0.04	-0.02 to +0.04	10.0 to 12.0	7.6 to 5.0	< 400	0
DR	+0.10 to -0.06	0.00 to +0.80	9.0 to 10.0	4.8 to 3.0	< 400	0
EB	+0.10 to -0.10	0.00 to +1.00	11.5 to 12.5	5.6 to 4.2	<400	0
RV	+0.50 to -0.10	0.00 to +1.00	11.5 to 12.5	5.6 to 4.2	< 400	0
RW	+0.50 to -0.10	0.00 to +1.00	11.5 to 12.5	5.6 to 4.2	< 400	0

Obsolete Models