Johnson Controls

Operations & Maintenance
Flue Gas Analysis

Boiler Number:_____

Boiler HP:_____

Sq Ft of heating surface:_____

Burner output MBTU:_____

Manuf of Boiler:_____

Manuf of Burner:_____

Fuel type(s):_____

Customer name:_____

Frontliner ID:_____

Date:_____

Test #1

Fire rate:_____

Stack temperature:_____

Draft WC:_____

O2 percentage:_____

CO2 percentage:_____

CO ppm:_____

Efficiency:_____

Test #2

Fire rate:_____

Stack temperature:_____

Draft WC:_____

O2 percentage:_____

CO2 percentage:_____

CO ppm:_____

Efficiency:_____

Test #3

Fire rate:_____

Stack temperature:_____

Draft WC:_____

O2 percentage:_____

CO2 percentage:_____

CO ppm:_____

Efficiency:_____

Safety check list

High limit:_____ Set at:_____

Operating limit:_____ Set at:_____

Modulating control:_____ Set at:_____

Flame signal, Pilot:_____ Main:_____

Flame safeguard:_____

Low water cutoff:_____

High gas pressure:_____

Low gas pressure:_____

Air switch:_____

Pressure relief(s):_____

Emergency switch(s):_____

Electrical Connections:_____

Gas vent:_____

Comments:_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____