

11. BURNER START UP INFORMATION & TEST DATA

The following information shall be recorded for each burner start up:

Power Flame Model No. _____ Invoice No. _____ Serial No. _____
 Installation Name _____ Start Up Date _____
 Start Up Contractor's Name _____ Phone _____
 Name of Technician Doing Start Up _____
 Type of Gas Nat. Propane Other _____

Gas Firing

Gas Pressure at Train Inlet Burner in Off Position _____ "W.C.	Flame Signal Readings Pilot _____	Stack Outlet Test Point Draft Low Fire _____
Gas Pressure at Train Inlet Low Fire _____	Low Fire _____	High Fire _____
High Fire _____	High Fire _____	Net Stack Temperature
Gas Pressure at Firing Head Low Fire _____	CO₂ or O₂ (Specify) Low Fire _____	Low Fire _____
High Fire _____	High Fire _____	High Fire _____
Gas Pressure at Pilot Test Tee Low Fire _____	CO Low Fire _____	Combustion Efficiency Low Fire _____ %
High Fire _____	High Fire _____	High Fire _____ %
Power Supply Volts _____ Ph _____ Hz _____	Input Rate BTU/HR Low Fire _____	Air Inlet Damper Opening with Pilot Only Top _____ inches
Control Circuit Volts _____	High Fire _____	Bottom _____ inches
Blower Motor Amps at High Fire _____	Over Fire Draft Low Fire _____	Air Inlet Damper Opening Low Fire Top _____ inches
_____	High Fire _____	Bottom _____ inches
		Air Inlet Damper Opening High Fire Top _____ inches
		Bottom _____ inches

Control Settings

General	Gas
Operating control cut out setting _____	Low gas pressure switch _____ inches
Operating control cut in setting _____	High gas pressure switch _____ inches
Limit control cut out setting _____	
Limit control cut in setting _____	

Operation Checklist

Checked For Proper Operation Of:					
	Yes	No		Yes	No
Low water cut off	()	()	Fresh air damper end switch	()	()
High water cut off	()	()	Barometric damper	()	()
Flame safeguard control ignition failure	()	()	Boiler room combustion air and ventilation provisions correct	()	()
Flame safeguard control main flame failure	()	()	All gas lines checked for leaks	()	()
Burner air flow switch	()	()	Gas lines and controls properly vented	()	()
Induced draft fan controls	()	()	Other system components (specify)	()	()
Over fire draft controls	()	()			

Notified _____
 of following system deficiencies _____

