

May 11, 2010

INFORM OPERATOR WHEN WORK IS COMPLETED AND
NOTIFY OF ANY CHANGES MADEDate: *Nov. 2*

Arrival Time:

Departure Time:

Location Data	Location: <i>103/6-35-48-2-4</i>	Route # <i>26</i>
	Operator: <i>Jodie</i>	Phone # <i>871 1841</i>
	Vendor: <i>Guest Controls</i>	Work Order # <i>5394098</i>

Burner Data	Burner running on arrival Yes ☒ No ☐		System B149 Compliant Yes ☒ No ☐	
	Fuel Used: <i>Propane</i>	Pressure: <i>2</i> PSI	Thermowell Location: <i>Inside Hot Box</i>	
	Burner Type: <i>A Fire</i>	Size: <i>1 1/2"</i>	Burr Nozzle Type: <i>Rose Bud</i>	
	Burner Length: <i>16"</i>	Length Required: <i>18"</i>		
	Temperature Control: Dan Foss ☐ Profire ☒ Setting: <i>89</i>	Level Transmitter Locked: Yes ☐ No ☒		
	Flame Arrestor Size: <i>15"</i>	Dry Block Test: Yes ☒ No ☐	Orifice: <i>#31</i>	

Vessel/System Data	Tank Make: <i>Universal</i>	Tank Size: 750 ☐ 1000 ☒	Serial # <i>0 21082-3</i>
	Fluid Level: <i>83 m³</i>	Fluid Temperature: <i>10</i> °C	Stack Thermometer: Yes ☒ No ☐
	Tube Size: <i>10"</i>	Stack Size: <i>8"</i>	U-Tube ☒ Straight Tube ☐ Stack Cap: Yes ☒ No ☐
	Tube Condition: Sooty, needs cleaning ☐ Good ☒	Tube Distortion: Yes ☐ No ☒	
	Klinker Suspected: Yes ☐ No ☒	Flame Impingement: Yes ☐ No ☒	

Check List	Yes	No
Clean Flame Arrestor	☒	☐
Clean/Scrape Tube	☐	☒
Test for Gas Leaks	☒	☐
Repair Gas Leaks	☐	☒
Test Line Regulator	☒	☐
Set Regulator Pressure	☐	☒
Clean Burner	☒	☐
Center Burner	☒	☐
Flame Impingement	☐	☒
Equalize Skin Temperatures	☒	☐
Install Stack Thermometer	☐	☒
Replace Stack Thermometer	☐	☒
Install Pressure Gauge	☐	☒
Replace Pressure Gauge	☐	☒
Analyze Combustion	☒	☐

Pro-Fire Controller Settings	
HH1	<i>80</i>
HH2	<i>90</i>
PU	<i>10</i>
SP	<i>80</i>
ded	<i>82</i>
PASS WORD MUST BE TURNED ON	

Discharge Design: *But T*Flash Back Test Pass ☒
Fail ☐Glycol pump on prior to PM ☒ Yes ☐ NoGlycol turned back on after
heat tracing transmitter ☐ Yes ☐ NoChanged Burner ☐

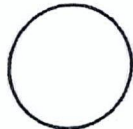
HEATER ASSESSMENT FORM

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Pre Tube Temperature
Skin Temperature – Highest Recorded

101°C

85°C



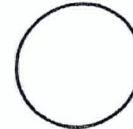
79°C

89°C

Post Tube Temperature
Skin Temperature – Highest Recorded

114°C

85°C



100°C

85°C

PLACE ANALYZER STRIP HERE

COMBUSTION	
FUEL	PROPANE
O2 %	17.9
CO2 %	2.0
CO ppm	0.0
FLUE %	180.0
INLET %	-7.0
NET %	190.0
EFF (G)	50.7
LOSS %	49.3
XAIR %	596.7
CO/CO2	0.0002
CO AIR FREE	34
PRG nPa	-0.31

PLACE ANALYZER STRIP HERE

DATE TIME	03:56:41
COMBUSTION	
FUEL	PROPANE
O2 %	14.4
CO2 %	4.0
CO ppm	0.0
FLUE %	200.0
INLET %	-7.0
NET %	200.0
EFF (G)	70.0
LOSS %	29.7
XAIR %	221.0
CO/CO2	0.0001
	35

Comments: Had to Extend A Fire 1 1/2" Burner to reach 6" into tank tube