

Location Name:	HARRY Englehardt FH	Work Order #:	7861
Model:	PDIT	Serial #	0630902
Year:	2002	Unit #	1 of 1

Refractory Condition:

Hearth:	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Bad		<input checked="" type="checkbox"/> Poured	<input type="checkbox"/> Tile
Roof:	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Bad	<input type="checkbox"/> Arch	<input checked="" type="checkbox"/> Angle	<input type="checkbox"/> Brick
CC Walls:	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Bad		<input checked="" type="checkbox"/> H. B.	<input type="checkbox"/> S. B.
TA Walls:	<input type="checkbox"/> Good	<input type="checkbox"/> Bad		<input checked="" type="checkbox"/> H. B.	<input type="checkbox"/> S. B.
TA Roof:	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Bad		<input checked="" type="checkbox"/> Poured	<input type="checkbox"/> Brick
AC Walls:	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Bad		<input type="checkbox"/> H. B.	<input checked="" type="checkbox"/> S. B.
AC Roof:	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Good	<input type="checkbox"/> Bad	AC Lintel (s):	<input type="checkbox"/> N/A
Div. Wall:	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Bad	Baffle(s):	<input type="checkbox"/> N/A
Loading Door	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Bad	<input type="checkbox"/> Modules	<input type="checkbox"/> Poured	<input checked="" type="checkbox"/> S. B.
Loading door lintel:	<input type="checkbox"/> Good	<input type="checkbox"/> Bad	<input checked="" type="checkbox"/> N/A	Access Door:	<input type="checkbox"/> N/A
					<input checked="" type="checkbox"/> Good
					<input type="checkbox"/> Bad
					<input type="checkbox"/> Modules
					<input type="checkbox"/> Poured

Settings:

AB Make:	Eclipse	AB Model:	TJ 150	CB Make:	Eclipse	CB Model:	TJ 150
AB Hi Fire Gas	Visual	BTU		CB Hi Fire Gas	Visual	BTU	
AB Low fire gas	Visual	BTU		CB Low Fire Gas	Visual	BTU	
AB Hi Fire Air	1.6" "W.C. <input checked="" type="checkbox"/> Δ			CB Hi Fire Air	0.45 "W.C. <input checked="" type="checkbox"/> Δ		
AB Low Fire Air	<input checked="" type="checkbox"/> N/A Fixed "W.C. <input type="checkbox"/> Δ			CB Low fire air	<input checked="" type="checkbox"/> N/A Fixed "W.C. <input type="checkbox"/> Δ		
Preheat burner hi fire gas	<input checked="" type="checkbox"/> N/A	BTU		CB #2 Hi Fire Gas	<input checked="" type="checkbox"/> N/A	BTU	
Preheat burner hi fire air	<input checked="" type="checkbox"/> N/A	"W.C. <input type="checkbox"/> Δ		CB #2 Hi Fire Air	<input checked="" type="checkbox"/> N/A	"W.C. <input type="checkbox"/> Δ	
Draft w/ TA off	- 0.22 "W.C.			Draft w/ TA on	- 0.18 "W.C.		
Gas pressure at machine - full fire	11 "W.C.	<input type="checkbox"/> Natural	<input checked="" type="checkbox"/> LP	<input type="checkbox"/> Other			
Meter Type	<input checked="" type="checkbox"/> N/A	Pressure at meter	<input checked="" type="checkbox"/> N/A	Correction Factor	<input checked="" type="checkbox"/> N/A		
Throat Air	<input type="checkbox"/> N/A 2.75 "W.C.	Blast Gate	<input checked="" type="checkbox"/> N/A	"W.C.	Arch Air	<input checked="" type="checkbox"/> N/A	"W.C.
Hearth Air	<input type="checkbox"/> N/A 5.0 "W.C.	Top AB Air	<input checked="" type="checkbox"/> N/A	"W.C.	Secondary Air	<input checked="" type="checkbox"/> N/A	"W.C.
AB setpoint	<input type="checkbox"/> N/A 1650°F	CB Setpoint	<input type="checkbox"/> N/A 1750°F	High Limit Setpoint	<input type="checkbox"/> N/A 2000°F		
Preheat setpoint	<input checked="" type="checkbox"/> N/A	CB #2 Setpoint	<input checked="" type="checkbox"/> N/A				
Door Interlock:	<input checked="" type="checkbox"/> N/A	Burner interlock	<input checked="" type="checkbox"/> N/A				

Controls:

Temperature Controller Works	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Make:	Partlow	Model:	11603110
#2 temperature controller works	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Make:		Model:	
Thermocouple (s)	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Bad	How many	1	Length (s)	24"
Burner control screws tight	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Make:	Eclipse	Model:	Veriflame	
Pollution Control Works	<input type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Make:	Heat Timer	Model:	MLS-A
Opacity Set Properly:	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Timer set at 3.5 minutes	Eagle BR17AG01		
Timers work at proper settings	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Make:	ATC	Model:	425A
Chart Recorder Works	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> 1 Pen	<input type="checkbox"/> 2 Pen	Make:	Partlow
						Model:	MLS 5000
PLC:	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Basic	<input type="checkbox"/> Advanced	<input type="checkbox"/> 02	<input type="checkbox"/> Data Logging	IP Address:	

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Maintenance Checklist		Safety Checklist	
<input type="checkbox"/> Clean out debris in Afterchamber <input checked="" type="checkbox"/> N/A		Hi/Lo Gas Pressure switch works <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Clean spark plugs Model: <u>TJ Electrode</u>		Hi Limit works <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Clean flame rods/scanners Model: <u>Eclipse UV</u>		Main Air Switch works <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Grease door bearings <input type="checkbox"/> N/A		Secondary Air Switch works <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Condition <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad		Door Stop Switch works <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Grease chains <input type="checkbox"/> N/A Size: <u>60</u>		Door Limit Switch works <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Condition <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad		Door Safety Locks work <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Maintenance on burners <input checked="" type="checkbox"/> N/A		Fluid level in pump is full <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Air Lines <input type="checkbox"/> Air Ports <input type="checkbox"/> Blower Wheel		All lights working <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Clean blower wheel (s) <input checked="" type="checkbox"/> N/A		All wires tight <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Model: _____ Size: _____		Auxillary Contact works <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Tighten All Linkages <input type="checkbox"/> N/A		Blower Running Amps: <u>9.3A</u> Max Amps: <u>13A</u>	
<input checked="" type="checkbox"/> Belimo <input type="checkbox"/> Damper Motor <input type="checkbox"/> Mod Motor		Stack ventilated properly <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input checked="" type="checkbox"/> Grease Blower (s) <input checked="" type="checkbox"/> Clean SS or dia. plate		Sufficient Makeup Air <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Blower

Blower Make: Eclipse Motor Make: Baldor Model: VM3615T
 H.P. 5 Volts 230 Phase 3 Amps 13A Frame 184TC RPM 3450
 #2 Blower Make: N/A Make: _____ Model: _____
 H.P. _____ Volts _____ Phase _____ Amps _____ Frame _____ RPM _____

Stack

Stack Type: 15' 29" w/ lined w/ 8' EXT Year: 02 Ref. Condition: Good Bad N/A
 Length: 28' Inside Diameter: 20" Shield Yes No N/A
 Insulation Condition Good Bad N/A Length: _____
 Clearance from stack to Opening: 8" + Storm Collar has 3" clearance Yes No
 Material Surrounding stack: Wood Roof metal collar

Venturi

Venturi Type: Nozzle Condition: Good Bad N/A
 Venturi to Stack connection Drawband Flange N/A

Auto Loader		ECP-200 Processor	
Wire mesh belt in line or adjusted <input type="checkbox"/> Yes <input type="checkbox"/> No		Set Screw tight <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Limit switch works <input type="checkbox"/> Yes <input type="checkbox"/> No		Belts Tight <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Drive chain adjusted properly <input type="checkbox"/> Yes <input type="checkbox"/> No		Condition of Bearings <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad	
Condition of rail bearings <input type="checkbox"/> Good <input type="checkbox"/> Bad		Condition of Blades <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad <u>1/2 worn</u>	
Photoeye lens & reflector clean <input type="checkbox"/> Yes <input type="checkbox"/> No		Condition of Drum <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad	
Annunciator lights work <input type="checkbox"/> Yes <input type="checkbox"/> No		Thermal Switch Operative <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Side rails lubricated <input type="checkbox"/> Yes <input type="checkbox"/> No		Timer Operative <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> All Wiring tight <input type="checkbox"/> All Lights Tight		Make: <u>ATC</u> Model: <u>425A</u>	

Accessories

LT1 LT1-B Spare Parts on hand: _____
 VPS Deluxe VPS

Recommendations: Replace Cold Pass Access door brick on next inspection

Technician: LARRY Schwartz Date: 9/21/10