



**Environmental Control Equipment
Data Sheet**

Item/Tag No.:		Page	1	of	3
Project No.:		Revision:	B		
Project:		Date:	27 February 2014		
P.O. No.:	-	By:	JS		
RFQ No.:	-	Checked:	SG		
Ref. P&ID:	-	Approved:	MS		
Client:		Supplier:	LEED FABRICATION		
Site:		Model No.:	L30-00XX		
Unit/Lease:		Remarks:			

GENERAL

1 Design Code:		NDE:	LEED Fabrication Standards		
2 Service:		Customer Specs:	<input type="checkbox"/> Yes		
3 Description:			<input checked="" type="checkbox"/> No		

PROCESS DATA

Gas Composition:	mol %	Process Conditions:		
		Variable	Value	Units
4 Methane		Flow Rate		Mscfd
5 Ethane		Pressure		psig
6 Propane		Temperature		°F
7 I-Butane		Molecular Weight		
8 n-Butane		Process/Waste Stream	<input checked="" type="checkbox"/> Gas	<input type="checkbox"/> Liquid
9 I-Pentane		Detailed Process Description / Process Notes:		
10 n-Pentane		1. Turndown 10:1. Based on an expected normal operating rate indicated above.		
11 n-Hexane		2. DRE: 98 % operating at design conditions		
12 CO2		3. Burner Pressure Drop: Min. 0.10 oz/in2		
13 N2				
14 Helium				
15 H2O				
16 C7				
17 C8				
18 C9				
19 C10				
20 C11+				
21 TOTAL				
Other Components:	PPMV	Available Utilities:		
22 H2S		Fuel / Pilot Gas	Min. 30psig Natural Gas /Propane 40-50 SCFH	
23 Benzene		Instrument Air	NA	
24 Toluene		Power	120 V / 60 Hz or Solar Power	
25 E-Benzene		Steam	NA	
26 Xylene		Purge Gas		

DESIGN DATA

27 Ambient Temperatures:		Noise Performance Requirements:	Under 85 dBA	
28 Low, °F	-20	Structural Design Code:		
29 High, °F	120	Wind Design Code:	ASCE	
30 Design Conditions:	Pressure/Temperature			
31 Max. Relative Humidity, %	90	Pressure/Speed	100 mph	
32 Elevation (ASL), ft		Category		
33 Area Classification:	Class I Div 2	Seismic Design Code:		
34 Electrical Design Code:	NEC	Location		

EQUIPMENT SPECIFICATION

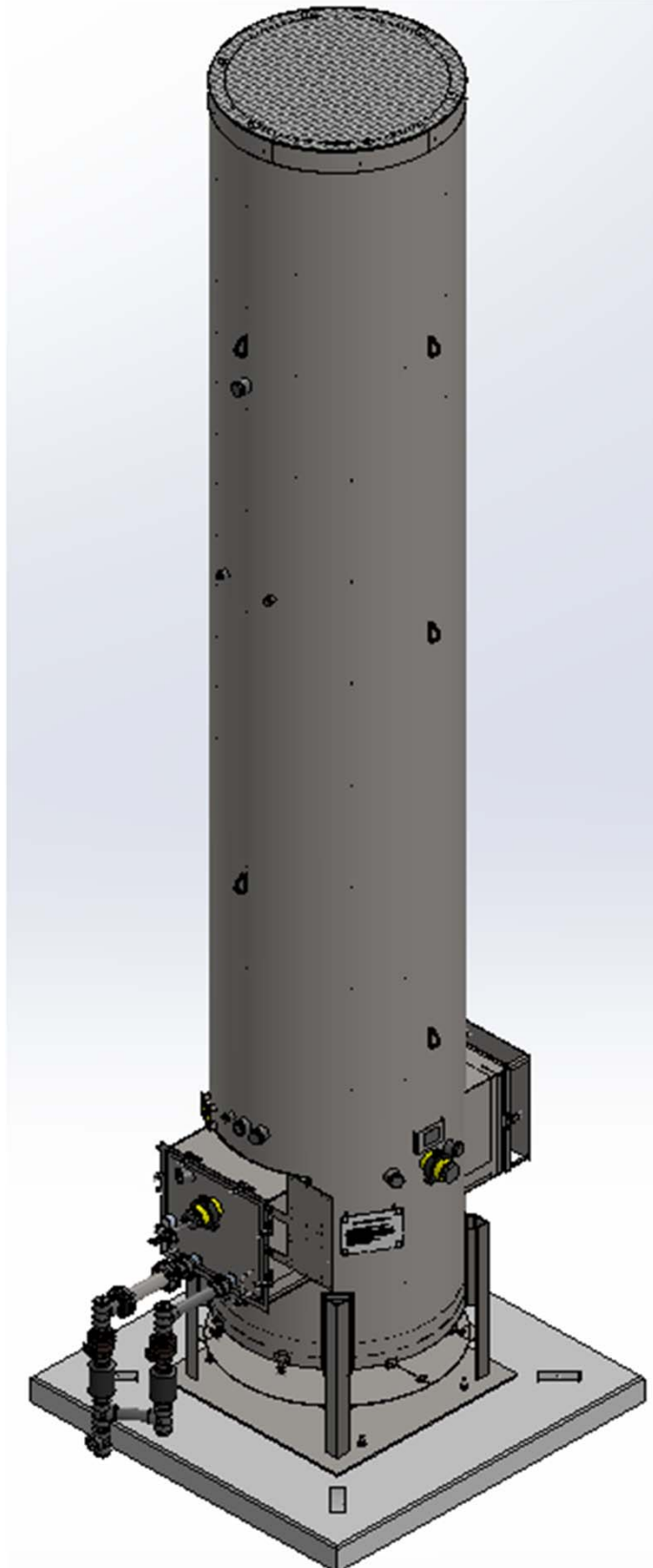
35 Type:	<input type="checkbox"/> Elevated <input checked="" type="checkbox"/> Enclosed	Equipment Design:		
36	<input type="checkbox"/> Above Ground	Component	Material / Size / Rating / Other	
37	<input checked="" type="checkbox"/> Stack <input checked="" type="checkbox"/> Multiple Stack	Burner		
38	<input type="checkbox"/> Portable / Trailer	Burner Tip / Assist Gas Burner		
39		Burner Body		
40 Smokeless By:	<input type="checkbox"/> Steam <input type="checkbox"/> Assist Air	Pilot		
41	<input type="checkbox"/> Gas Assist <input type="checkbox"/> Staging	Pilot Tip		
42		Pilot Line(s)		
43 Stack:	<input type="checkbox"/> Self Supporting	Firebox / Stack		
44 Flare Burner:	<input type="checkbox"/> Non-Smokeless <input type="checkbox"/> Smokeless <input type="checkbox"/> Gas Assist	Shell		
45 Pilot:	<input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Continuous	Piping		
46 Pilot Air Inspirator:	<input type="checkbox"/> Local <input type="checkbox"/> Remote	Nozzles		
47 Pilot Flame Control:	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Thermocouple)	Flanges		
48		Insulation		
49 Pilot Ignition:	<input type="checkbox"/> Flamefront Generator <input checked="" type="checkbox"/> Inspiring Ignitor	Insulation Pins		
50	<input type="checkbox"/> Electronic <input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual	Refractory		
51	<input type="checkbox"/> With Pilot Flame Control	Refractory Anchors		
52	<input type="checkbox"/> With Auto Pilot Re-Ignition	Ladders and Platforms		
53		Stack Sample Connections		
54 Pilot Ignition Backup:	<input type="checkbox"/> Manual Specify: i.e Piezo-Electric	Sight Glass		
55	<input type="checkbox"/> Battery Pack	Other		



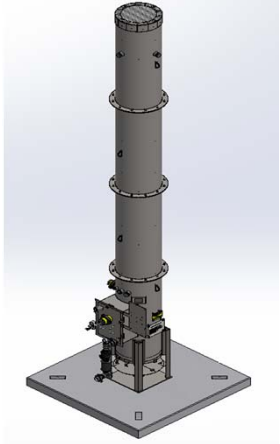
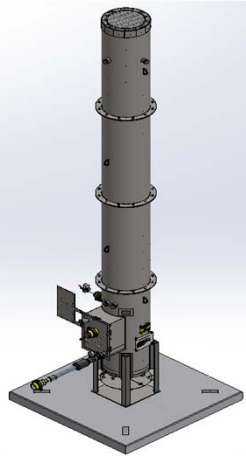
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		Model No.:	L30-00XX		

GENERAL ARRANGEMENT




24

MODEL	24" HEC	NOTES	
MODEL NUMBER	L30-0006		
CONFIGURATION	000	Std	
CONFIGURATION	001	Straight inlet, side pilot	


24

MODEL	24" HEC	NOTES	
MODEL NUMBER	L30-0009		
CONFIGURATION	000	Std	
CONFIGURATION	001	No Inline FA, No Concrete Pad	

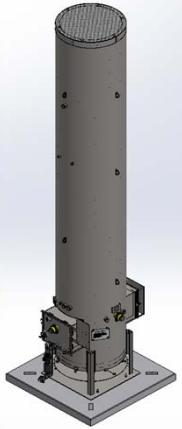

24

MODEL	24" HEC	NOTES	
MODEL NUMBER	L30-0016		
CONFIGURATION	000	Pilot Tubing	
CONFIGURATION			


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MODEL	36" HEC		
MODEL NUMBER	L30-0018		
CONFIGURATION	000	No door SG	
CONFIGURATION			

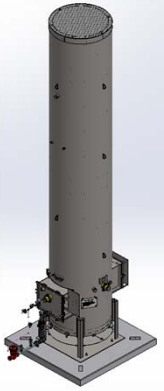
48

MODEL	48" HEC	NOTES	
MODEL NUMBER	L30-0010		
CONFIGURATION	000	Std	
CONFIGURATION	001	Bird Cone	

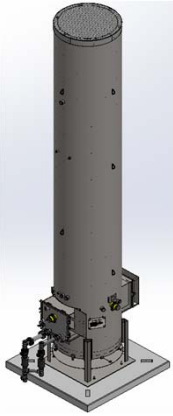
48

MODEL	48" HEC	NOTES	
MODEL NUMBER	L30-0010		
CONFIGURATION	002	3" inlet	
CONFIGURATION	003	Side Pilot, Act BV	


48

MODEL	48" HEC	NOTES	
MODEL NUMBER	L30-0010		
CONFIGURATION	004	212 on inlet, SV, ASCOs	

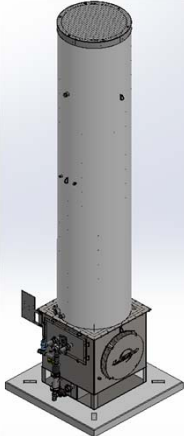
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MODEL	48" HEC	NOTES	
MODEL NUMBER	L30-0011		
CONFIGURATION	000	Dual Inlet HEC	
CONFIGURATION			

48

MODEL	48" HEC	NOTES	
MODEL NUMBER	L30-0012		
CONFIGURATION	000	3" SG on Burner, 3" inlet	
CONFIGURATION			

48

MODEL	48" HEC	NOTES				
MODEL NUMBER	L30-0017			CONFIGURATION	000	Dual Inlet