

# SEPARATOR/ LINEHEATER PACK

New  Used  Sweet  Sour

REV2 (01-29-15)

SEPARATOR VESSEL			
<b>1.0 DESCRIPTION: 1.0MM Btu/Hr Lineheater c/w 20" 1440psi Separator Package</b>			
Job#	B1467	Date	01-29-2015
Diameter	20" OD	Type	Vertical
Manufacturer	Larsen D'Amico	Length S/S	6'5"
A#	465505	Date Built	2005
CRN#	N3335.21	Serial Number	CB-10768
Design Pressure	1440 psi	Corrosion Allowance	0.0625"
Radiography	RT-2	Design Temperature	-20/100F
PWHT	Nil	Inlet Deflector	
Float Baffle		Mistex Pad	
Phases	<input type="checkbox"/> 2Phase <input checked="" type="checkbox"/> 3Phase	Additional	
<b>1.1 VESSEL CONNECTIONS</b>			
Inlet	3" 600# RFF	Drain	1" NPT
Gas Outlet	3" 600# RFF	HC Level Control	2" NPT
H2O Level Control	2" NPT	HC Out	1" NPT
H2O Level Gauge	(2) 3/4" NPT	HC Level Gauge	(2) 3/4" NPT
H2O Out	1" NPT	PI	1/2" NPT
PSV	1 1/2" NPT	TI	3/4" NPT
Inspection	(2) 2" NPT	HLSD	2" NPT
Manway	N/A	Additional	
<b>2.0 INSTRUMENTATION</b>			
Dressed	<input type="checkbox"/> 2 Phase <input checked="" type="checkbox"/> 3 Phase		
Meter Run	3" Northstar Sr.	Recorder	N/A
Inlet/ESD Valve	N/A	Back Pressure Control	Fisher D Body
Level Controller	(2) 2" Fisher 2680	Level Control Valve	(2) 1"NPT Fisher 128
Level Gauge	Reflux	Liquid Meter	Halliburton Turbine
HLSD/HPSD	Barber Hi/Lo	Regulators	Fisher 630&627
PSV's	Yes	Other	(5) Fisher 67CFR

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LINEHEATER			
<b>3.0 DESCRIPTION</b>			
Manufacturer		Date Built	
A#		Serial Number	
CRN#		Additional	
<b>4.0 SHELL</b>			
Dimensions	48" OD x 12'4"	Fuel Gas Preheat Coil	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
<b>5.0 FIRETUBE</b>			
Dimensions	12" OD	Flame Arrestor	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
BTU Rating	1.0MM	Stack	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Additional	2" NPT LLSD, Tubular sight glass		
<b>6.0 EXPANSION TANK</b>			
Dimensions	24" x 30" x 32" H	Additional	
<b>7.0 PREHEAT COIL</b>		<b>8.0 REHEAT COIL</b>	
Size	3"	Size	3"
# Of Passes		# Of Passes	
Pipe Schedule	Sch160	Pipe Schedule	Sch160
Flange Ansi	1500# RTJWN	Flange Ansi	900# RFWN
Surface Area		Surface Area	
Design Pressure	3375 psi	Design Pressure	2025 psi
Design Temperature	-20/200F	Design Temperature	-20/200F
Radiography	10%	Radiography	10%
PWHT	Nil	PWHT	Nil
Corrosion Allowance	.0625"	Corrosion Allowance	.0625"
<b>9.0 INSTRUMENTATION</b>			
Meter Run		HLSD	
Recorder		Choke Valve	Willis 2" 1500#RTJ
Inlet/ESD Valve		Back Pressure Control	Fisher 656 Actuator
Regulator		PSV	
Additional		Additional	
<b>10.0 FUEL GAS SYSTEMS</b>			
Diameter	8 5/8" OD	Height	36"
Pressure	150 psi	Design Temperature	-20/200F
<b>11.0 BUILDING HEATER</b>			
Make		Voltage	
Size		Misc.	

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12.0 METHANOL SYSTEM			
Pump		Tank	
Rate Gauge		Misc.	
13.0 SKID & BUILDING SPECIFICATIONS			
SKID BASE			
Width	8'0	Length	30'6"
Main Members	8" Beam	Checker Plate	Yes
Rollends	Yes	Lift Lugs	No
METAL BUILDING			
Width	9'0		
Length	12'0		
Height	9'6"		
Type	Foam Panel <input type="checkbox"/> Self Framing <input checked="" type="checkbox"/> Shed <input type="checkbox"/> Gable <input type="checkbox"/>		
Exterior	Galvanized	Interior	Aluminum
Windows	1	Man Door	1
Louvres/ Vents	(2) Vents	Panic Hardware	Yes
14.0 SHIPPING DIMENSIONS			
Width (overall)	10'0	Height (overall)	10'4"
Length (overall)	31'0	# of Pieces	2

Drawings Available	YES <input type="checkbox"/>	NO <input type="checkbox"/>
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**Notes:**

Red Deer Yard, VGC, unit is new

Form Completed By/Date:	DS 10-20-14	Approved For Entry/ Date:	
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