

INLET SEPARATOR
SIZE: 96" I.D. X 26'-0" S/S 2-PHASE
MAWP: 1340 PSIG @ 230°F
MDMT: -50°F, C.A.: 0.125"
COATING: DEVOE 256 (HOLIDAY FREE) 12-
SOUR SERVICE/PWHT

RUFFNECK BUILDING HEATERS
Model: AH-20A-A5A1-A1-2A
120 V / 1PH / 60 HZ XP
DUTY: 37.5 kW

EXHAUST FANS
12 ACPH
120 V / 1PH / 60 HZ XP
EXPLOSION PROOF



1. No. of Units req'd: One (1)
2. Materials shown for one Unit only
3. Welded piping to be: See Line Specs. on P&ID
4. All Threaded Piping to be: See Table below
5. All Welded Fittings to be: See Line Specs. on P&ID
6. All Forged Steel fittings to be: See Table below
7. Unit to be designed / pressure tested as follows:
PIPING AS PER B31.3, CODE YEAR: 2008

SPEC.	SERVICE	DESIGN	NPT PIPING	F.S. FITTINGS	STRESS RELIEF	PRESSURE TEST @ ROOM TEMP.	C.A.
A1	SWEET	150 PSIG @ 150° F	SEE LINE SPEC.	SA-105N, 3000#	SEE LINE SPEC.	165 PSIG (AIRTEST)	0.0625"
A2	SWEET	245 PSIG @ 250° F	SEE LINE SPEC.	SA-105N, 3000#	SEE LINE SPEC.	360 PSIG (HYDROTEST)	0.0625"
AS	SOUR	273 PSIG @ 150° F	SEE LINE SPEC.	SA-105N, 3000#	SEE LINE SPEC.	410 PSIG (HYDROTEST)	0.125"
CS	SOUR	1340 PSIG @ 230° F	SEE LINE SPEC.	SA-105N, 6000#	SEE LINE SPEC.	2100 PSIG (HYDROTEST)	0.125"

* Use SA-350-LF2 for Low Temp F.S. Fittings & SA-333 for Low Temp. NPT Piping
VESSEL AS PER ASME VIII DIV. 1, CODE YEAR: 2008

TAG #	MAWP	HYDROTEST @ ROOM TEMP.	STRESS RELIEF	C.A.
V-121	1340 PSIG @ 230° F	2010 PSIG	YES	0.125"
EC-121A	1629 PSIG @ 400° F	2444 PSIG	YES	0.125"
EC-121B	1629 PSIG @ 400° F	2444 PSIG	YES	0.125"

B. All Natural Gas bleeding type of instruments with bleed ports (including diaphragms & regulator bonnets) to be vented to HP Flare header. Instrument air vented to skid edge.

SERVICE	SIZE	TUBE	WT	FITTINGS	FERRULES
ALL TUBING	3/8"	SS	0.049*	SS	SS
	1/2"		0.049*		

11. Studs, Nuts & Gaskets Details:
10. Total piping volume is > 0.5 cu.m.

SERVICE	STUDS	NUTS	GASKETS
SOUR/ NACE/ LOW TEMP. /REG. TEMP.	SA-193-B7M	SA-194-2HM	316SS FLEXITALIC

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No.	DATE	REVISIONS	BY	CHK	REW	APP	No.	DATE	REVISIONS	BY	CHK	REW	APP	ENGINEERS' RECORD		DATE
0	Oct. 20, 2009	ISSUED FOR APPROVAL	C.T.											DRAWN BY	Chandro Thanki	Oct. 19, 2009
1	Nov. 24, 2009	ISSUED FOR CONSTRUCTION	C.T.											CHECKED BY		
2	Feb. 03, 2010	REVISED AS MARKED	C.T.											REVIEWED BY		
3	Mar. 05, 2010	AS BUILT	J.C.											APPROVED BY		
4	June 17, 2010	PSV CHANGED	RGP											O.C. APPD.		

CLIENT		ENCANA CORPORATION C/O SOLARIS MANAGEMENT CONSULTANTS INC.	
PROJECT	96" I.D. X 26'-0" 5/8" INLET 2-PHASE SEPARATOR PACKAGE (M-120) ETSIO COMPRESSOR STATION LSD: C-67-K / 94-0-B		
TITLE		FLOW DIAGRAM	
Scale	JOB No.	DWG. No.	REV.
AS SHOWN	MEC02-0467-01	02-0467-01-001	