

LOCAL, PANEL MOUNTED INSTRUMENT

LOCAL, DIRECT MOUNTED INSTRUMENT REMOTE MOUNTED INSTRUMENT

PROCESS EQUIPMENT TRIP FUNCTION

1A3 :ANSI 150 RATED SYSTEM, A312 Gr.304 STANNLESS STEEL, MIN. TEMP. -104C 3A3 :ANSI 300 RATED SYSTEM, A312 Gr.304 STANNLESS STEEL, MIN. TEMP. -104C 1A1 :ANSI 150 RATED SYSTEM, A106 Gr.B. C.S., MIN. TEMP. -10°C 3A1 :ANSI 300 RATED SYSTEM, A106 Gr.B, C.S., MIN. TEMP. -10°C

VENT/ TESTING DRAINS TO BE PLACED IN APPROPRIATE POSITIONS BY OTHERS $I/P^{\prime}S$ and remote open/close facilities provided for all control valves running and fault indication provided for all motors ALL PSV AND TSV OUTLETS TO CONNECT INTO TOP OF HEADER

- ENERGISING XV-2136 INCREASES COMPRESSOR CAPACITY TO 50%.
 DENERGISING XV-2136 DECREASES COMPRESSOR CAPACITY TO 100%.
- 2. TEMPORARY N2 CONNECTION FOR PURGING.
- 5. BYPASS VALVE HV2135 TO BE LOCATED AS CLOSE AS POSSIBLE TO SUCTION LINE.

DESIGN DATA							
ITEM No	SERVICE	INNER D X TAN TO TAN LENGTH (mm)	TO TAN PRESSURE TEMPERATURE INSULA		INSULATION (mm)		
V-1510A	ECONOMISER	800 X 2400	10	-104/+110	C150		
V-1504A	1st ST. SUCT. PULS'N DAMP'R	660 X 1730	10	-104/+47	C150		
V-1505A	1st ST. DISCH. PULS'N DAMP'R	508 X 1576	10	-104/+130	PP50		
V-1506A	2nd ST. SUCT. PULS'N DAMP'R	508 X 1316	10	-104/+130	PP50		
V-1507A	2nd ST. DISCH. PULS'N DAMP'R	508 X 1316	18	-25/+150	PP50		
V-1508A	3rd ST. SUCT. PULS'N DAMP'R	406 X 947	18	-25/+150	PP50		
V-1509A	3rd ST. DISCH.	457.2 X	27	-104/+150	PP50		

	ITEM No	SERVICE	DUTY (kW)		TUBE SIDE DES. PRESS./ DESIGN TEMP. (bar g/°C)	INSULATION (mm)
	E-1505A	INTERSTAGE COOLER	123	20/ +3/+100	30/ +3/+185	N

	ITEM No	SERVICE	RATED CAPACITY VAPOUR SENDOUT (kg/hr)	DIFF. PRESSURE VAPOUR SENDOUT (bar)		
ì	B-1501A	B.O.G. COMPRESSOR	1783	24.3	2432	23.9

08	05/09/09	AS BUILT	SZH	DIN	-
07		AS BUILT (CR-088)	JS		
08	12/09/08	VALVES IV-2083 TO IV- 2088 MODIFIED (CR-089)	JS	JM	МН
05	08/08/08	CLIENT COMMENTS ADDED & LINE NUMBERING CHANGED (CR-084)	LE	5	AG8
04	27/06/08	APPROVED FOR CONSTRUCTION (CR-038 & CR-041)	JS	LUC	AGS
03	14/03/08	APPROVED FOR CONSTRUCTION	JS	T)C	MH
		(CR-025 AND CR-032)			
02	20/12/07	UPDATED TO CLIENTS COMMENTS (CR-015)	JS	AGS	AGS
01	19/10/07	POST DESIGN REVIEW / HAZOP (CR-002)	JS	LUC	МН
00	20/07/07	FOR DESIGN REVIEW / HAZOP	JS	LC.	AJ S
REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPR.
	07 08 05 04 03 02 01	07 08 12/09/08 08/08/08 08/08/08 04 27/08/08 03 14/03/08 02 20/12/07 01 19/10/07 00 20/07/07 00	07 AS BUILT (CR-086) 08 12/08/08 VALVES IV-2083 TO IV-2088 MODIFIED (CR-089) 05 08/08/08 CLIENT COMMENTS ADDED & LINE NUMBERING CHANGED (CR-084) 04 27/08/08 APPROVED FOR CONSTRUCTION (CR-038 & CR-041) 03 14/03/08 APPROVED FOR CONSTRUCTION (CR-025 AND CR-032) 02 20/12/07 UPDATED TO CLIENTS COMMENTS (CR-015) 01 19/10/07 POST DESIGN REVIEW / HAZOP (CR-002) 00 20/07/07 FOR DESIGN REVIEW / HAZOP	07 AS BUILT (CR-086) JS 08 12/08/08 VALVES IV-Z083 TO IV- 2088 MODIFIED (CR-089) JS 05 08/08/08 CLIENT COMMENTS ADDED & LINE NUMBERING CHANGED (CR-084) LE 04 27/08/08 APPROVED FOR CONSTRUCTION (CR-038 & CR-041) JS 03 14/03/08 APPROVED FOR CONSTRUCTION JS 06 (CR-025 AND CR-032) CR-025 AND CR-032) 07 20/12/07 UPDATED TO CLIENTS COMMENTS (CR-015) JS 09 20/07/07 FOR DESIGN REVIEW / HAZOP JS	07 AS BUILT (CR-08e) JS 08 12/08/08 VALVES IV-2083 TO IV- 2098 MODIFIED (CR-089) JS 95 08/08/08 CLIENT COMMENTS ADDED & LINE NUMBERING CHANGED (CR-084) LE LUC 04 27/08/08 APPROVED FOR CONSTRUCTION (CR-036 & CR-041) JS LUC 03 14/03/08 APPROVED FOR CONSTRUCTION JS LUC 05 (CR-025 AND CR-032) LUC CR-025 AND CR-032) 02 20/12/07 UPDATED TO CLIENTS COMMENTS (CR-015) JS AGS 01 19/10/07 POST DESIGN REVIEW / HAZOP (CR-002) JS LUC 00 20/07/07 FOR DESIGN REVIEW / HAZOP JS LC



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P&I Diagram **BOIL-OFF GAS COMPRESSOR**

DRAWING No.	REV.	NEXT SHEET	SCALE	SIZE
07006-PD-10-002-01	08	02	NTS	A1
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TYPE OF MEDIA ON WHICH IS HELD OR TRANSMITTED, IS PROHIBITED EXCEPT WITH OUR EXPRESS PRIOR WRITTEN CONSEN