

LOCAL, PANEL MOUNTED INSTRUMENT

LOCAL, DIRECT MOUNTED INSTRUMENT REMOTE MOUNTED INSTRUMENT

MCC : MOTOR CONTROL CENTRE

CCR : CARGO CONTROL ROOM

PROCESS EQUIPMENT TRIP FUNCTION

1A1 :ANSI 150# RATED SYSTEM, A106 Gr. B CS. MIN. TEMP. -10°C 3A1 :ANSI 300# RATED SYSTEM, A106 Gr. B CS, MIN. TEMP. -10°C

VENTS / TESTING DRAINS TO BE PLACED IN APPROPRIATE POSITIONS BY OTHERS I/P'S AND REMOTE OPEN/CLOSE FACILITIES PROVIDED FOR ALL CONTROL VALVES RUNNING AND FAULT INDICATION PROVIDED FOR ALL MOTORS IMMERSION HEATERS ARE FITTED WITH HIGH TEMPERATURE CUT OUTS. ALL PSV AND TSV OUTLETS TO CONNECT INTO TOP OF HEADER

		DES	SIGN DATA		
ITEM No	SERVICE	LENGTH/ BREADTH/ HEIGHT (mm)	DESIGN PRESSURE	DESIGN TEMPERATURE (°C)	INSULATION (mm)
V-1501	GLYCOL WATER TANK	2438/1524/ 1219	ATMOSPHERIC	+3/+100	N
ITEM No	SERVICE	RATED CAPACITY (m ³ /HR)	DIFFERENTIAL HEAD (m)	MAX. DIFF. HEAD (m)	DISCHARGE TEMPERATURE (*C)
P-1503 A/B	GLYCOL WATER PUMP	40	60	67	40
ITEM No	SERVICE	DUTY (kW)	DESIGN PRESSURE	AMBIENT AIR TEMPERATURE (°C)	FANS ABSORBED POWER (kW)
E-1507	EVAPORATIVE COOLER	345	10 bar	+3/+47	18.5

- 4. MAKE-UP WATER FROM EXISTING FRESHWATER SYSTEM
- 5. P-1506B IS AN UNINSTALLED SPARE PUMP.
- 6. IF EITHER FAN FAILS, OTHER FAN AUTOSTARTS
- 7. AUTO SELECTOR SWITCH WHICH ALLOWS FAN MOTORS EM-1506A/B AND PM-1506A TO BE ACTIVATED.

00	00/00/00	//O DOIE!	0211	D.I.\	
80		AS BUILT (CR-088)	JS		
07	21/11/08	TAG NUMBERS MODIFIED (CR-073)	JS	JM	JGC
08	12/09/08	VALVES MV-2332 AND MV-2335 MODIFIED (CR-059)	JS	JM	МН
Q5	08/08/08	CLIENT COMMENTS ADDED & LINE NUMBERING CHANGED (CR-084)		LUC	AG8
04	13/06/08	APPROVED FOR CONSTRUCTION (CR-034 & CR-041)		AGS	AGS
03	14/03/08	APPROVED FOR CONSTRUCTION	JS	INC	МН
		(CR-023, CR-025 AND CR-032)			
02	23/11/07	HOLDS REMOVED & DESIGN DATA MOD (CR-011)	JS	LŲÇ	МН
01	19/10/07	POST DESIGN REVIEW / HAZOP (CR-002)	JS	LUC	МН
00	20/07/07	FOR DESIGN REVIEW / HAZOP	JŜ	LC	AJ S
ŒV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPR.



ETHYLENE STORAGE AND HANDLING FACILITY KARACHI, PAKISTAN

WEIR LGE PROCESS

Young House 42 Discovery Terrace Edinburgh EH14 4AP Scotland U.K. Tel. : +44(0)131 317 8787 Fax.: +44(0)131 452 3333 E-mail: Info@lgeprocess.com

P&I Diagram GLYCOL WATER HEATING/COOLING

REV. NEXT SHEET SCALE SIZE 07006-PD-10-003-01 09 THIS DOCUMENT IS CONFIDENTIAL ALL RIGHTS RESERVED COPPRIGHT & LIQUID GAS EQUIPMENT Ltd.
DISTRIBUTION, COPPING OR RETENTION OF THIS DRAWING, WHETHER IN WHOLE OR IN PART AND IRRESPECTIVE OF THE
TYPE OF WEDON WHICH IS HELD OR TRANSMITTED, IS PROHIBED EXCEPT WITH OUR EXPRESS PRIOR WRITTEN CONSE