ITEM	147-E-101		
SERVICE	LOW PRESSURE PROPANE CHILLER		
TYPE	BKU		
DUTY/SURFACE	1.339X1.1 MW/ 197.3 m^2		
	SHELL	TUBE	
DESIGN PRESS.	18 barg	45.4 barg	
DESIGN TEMP.	MIN: -44/MAX: 55 ° C	MIN: -44/MAX: 55 ° C	
INSTALLED	C	C	

ITEM	147-E-102		
SERVICE	MEDIUM PRESSURE PROPANE CHILLER		
TYPE	BKU		
DUTY/SURFACE	1.92x1.1 MW/ 199.8 m^2		
	SHELL	TUBE	
DESIGN PRESS.	18 barg	45.4 barg	
DESIGN TEMP.	MIN: -44/MAX: 55 ° C	MIN: -44/MAX: 55 ° C	
INSTALLED	C	C	

ITEM	147-E-103		
SERVICE	HIGH PRESSURE PROPANE CHILLER		
TYPE	BKU		
DUTY/SURFACE	1.09x1.1 MW/ 167.8 m^2		
	SHELL	TUBE	
DESIGN PRESS.	18 barg	45.4 barg	
DESIGN TEMP.	MIN: -44/MAX: 55 ° C	MIN: -44/MAX: 55 ° C	
INSTALLED	C	C	

NOTES

1. LG TO BE READABLE FROM GLOBE VALVE.
2. DISTANCE BETWEEN ESDV AND HAZARDOUS EQUIPMENT IN THE FIRE ZONE SHOULD CONFORM TO THE RESULTS OF THE CONSEQUENCE ANALYSIS (REF DOC. NC-1718-999-1900-0001).
   IF NOT PRACTICABLE, THE MINIMUM DISTANCE SHALL BE 15 M FROM UNIT EDGE AND THE ESDV AND ASSOCIATED PIPING SHALL BE PROTECTED.
3. SYMMETRICAL ARRANGMENT.
4. FOR LIMIT OF INSULATION OF THE PSV REFER TO TYPICAL NO. 7 ON PID NO. PID-1718-999-0030-0005.
5. LEVEL GAUGE DRAINS ACCORDING TO DETAIL ARRANGEMENT GIVEN IN THE PID-1718-999-0030-0008.
   FOR THE DRAIN LINES REFER TO DRAINS DISTRIBUTION PID-1718-147-0040-0005.
6. DELETED.
7. CONNECTED EITHER TO PHASE 17 OR 18 FLARE.
8. DELETED.
9. ALARM IF CLOSED.
10. LINES TO BE CONNECTED TO MAIN FT HEADER IN PID-1718-160-0040-0034.

GENERAL NOTES

ALL INSTRUMENT TAGS TO READ:

	LETTERS	NUMBER
1471	FFF	NNNN

EQUIPMENT LIST

EXCHANGERS			
147-E-101			
147-E-102			
147-E-103			

UTILITY PID NUMBER

DP	PID-1718-191-0040-0005
FT	PID-1718-191-0040-0004 (SHEET 1 OF 2)
FT	PID-1718-160-0040-0034 (NOTE 10)

FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	ORIG.	PREP.	CHKD	APPD.	AUTH.
8	02.SEP.2014	APPROVED FOR CONSTRUCTION	IDRO	RT	GS	GS	MD
7	25.SEP.2013	APPROVED FOR CONSTRUCTION	IDRO	MS	GS	GS	MD
6	11.JUN.2013	APPROVED FOR CONSTRUCTION	IDRO	RS	NS	MF	MD
5	07.DEC.2010	ISSUED FOR APPROVAL	IDRO	NA	NS	MF	AKH
4	10.JAN.2010	ISSUED FOR APPROVAL	IDRO	AD	AD	MF	AKH
3	15.DEC.2008	ISSUED FOR COMMENT	IDRO	NB	NZ	MF	AKH
2	01/02/08	APPROVED FOR DESIGN	WP	RI	AF	RPW	MS
1	26/10/07	ISSUED FOR HAZOP	WP	RI	AB	RPW	MS
0	07/09/07	ISSUED FOR COMPANY APPROVAL	WP	RI	AF	RPW	MS

SOUTH PARS GAS FIELD DEVELOPMENT–
PHASES 17 & 18, ASSALUYEH–IRAN
ONSHORE FACILITIES

NIOC — PARS OIL AND GAS COMPANY

PROJECT No.: P0GC–84–801–244 | DOC. CLASS. 1 | SCALE : N/A

Worley Parsons | IDRO | OIEC | IOEC

TITLE: UNIT 147:PROPANE STORAGE AND EXPORT PROPANE CHILLERS PIPING AND INSTRUMENT DIAGRAM

DWG No. PID–1718–147–0030–0108 | SHEET No. 1 OF 1 | REV. 8

SIZE: A1