

ITEM 147-D-105
SERVICE PROPANE BOG COMPRESSOR SUCTION DRUM
ID x TL 1800 x 3100 mm
DESIGN PRESS 3.51FV barg
INSULATION MIN -44MAX: 85 °C

ITEM 147-K-102 AB
SERVICE PROPANE BOIL OFF GAS COMPRESSOR
TYPE CENTRIFUGAL
CAPACITY 26.9 t/hr
SIC PRESS. 0.01 barg
DIS PRESS. 2.22 barg
ASSEMBLED 5550 kW
POWER PACKAGE TYPE C

NOTES

- NITROGEN CONNECTION FOR MAINTENANCE. MINIMUM DISTANCE BETWEEN CHECK AND BALL VALVE.
- THE N CONNECTION ON TOP OF LINE.
- LIQUID REMOVAL USING ELECTRICAL TRACING.
- SIGNAL FROM ESD TO ANTISURGE CONTROL FORCES FV IN OPEN POSITION.
- NON SLAM CHECK VALVE.
- BOTH COMPRESSORS STOPPED.
- PROVIDE ALARM NOT CLOSED.
- SPARE RELIEF VALVE STORED IN WAREHOUSE.
- FOR LIMIT OF INSULATION OF THE PSV REFER TO TYPICAL NO. 7 OR PID NO. PD-1718-99-003-005.
- DISTANCE BETWEEN ESDV AND HAZARDOUS EQUIPMENT IN THE FIRE ZONE SHOULD CONFORM TO THE RESULTS OF THE CONSEQUENCE ANALYSIS (REF DOC. 1718-99-190-000-1). IF NOT PRACTICABLE, THE MINIMUM DISTANCE SHALL BE 15M FROM UNIT EDGE AND THE ESDV AND ASSOCIATED PIPING SHALL BE PROTECTED.
- DELETED.
- HIC-0114 AB HAS BEEN PROVIDED TO BALANCE COMPRESSOR DURING START-UP.
- LEVEL GAUGE DRAINS AS PER DETAILS REPORTED IN PID-1718-99-003-008 FOR THE DRAIN LINES REFER TO DRAINS DISTRIBUTION PID-1718-147-004-005.
- ANTI SURGE RECICLE VALVES IN MACHINE VENDOR SCOPE OF SUPPLY.
- REQUIREMENT OF NITROGEN BLANKETING TO BE DEFINED BY PACKAGE VENDOR.
- AUTOMATIC CLOSING OF V/S AND AUTOMATIC DEPRESSURISATION REQUIREMENT FOR SEAL LEAK TO BE CONFIRMED BY MACHINE VENDOR.
- THE FUNCTION OF PVO08 IS TO SWITCH THE OUTPUT OF THE PLC TO EITHER PVO08A OR B DEPENDING ON WHETHER A OR B IS SELECTED DUTY.
- DELETED.
- TO BE PROVIDED BY VENDOR (LIMIT SWITCH).
- BOG COME BACK FROM JETTY IS SENT TO PHASES 4&5 OR 6,7&8.
- STRAINERS ARE IN VENDOR SCOPE OF SUPPLY.

GENERAL NOTES

ALL INSTRUMENT TAGS TO READ LETTERS NUMBER 1471 FFF NNNN

EQUIPMENT LIST

DRUM	COMPRESSORS
147-D-105	147-K-102 AB

UTILITY PID NUMBER

FL	PID-1718-191-004-0005	FD	PID-1718-191-004-0004
DP	PID-1718-191-004-0005	N	PID-1718-191-004-0002
IA	PID-1718-191-004-0002		

FOR CONSTRUCTION

REV	DATE	DESCRIPTION	ORIG.	PREP.	CHECKED.	AUTH.
7	02-SEP-2014	APPROVED FOR CONSTRUCTION	IDBO	RT	GS	MS
6	20-OCT-2013	APPROVED FOR CONSTRUCTION	IDBO	MS	GS	MS
5	07-DEC-2010	ISSUED FOR APPROVAL	IDBO	MA	NS	AKH
4	10-JAN-2010	ISSUED FOR APPROVAL	IDBO	AD	AD	WE
3	15-DEC-2008	ISSUED FOR COMMENT	IDBO	NS	NZ	AKH
2	01-02-08	APPROVED FOR DESIGN	WVP	RI	AF	RPVW
1	28-10-07	ISSUED FOR HAZOP	WVP	RI	AB	RPVW
0	01-09-07	ISSUED FOR COMPANY APPROVAL	WVP	RI	AF	RPVW

SOUTH PARS GAS FIELD DEVELOPMENT - PHASES 17 & 18, ASSALUYEH - IRAN

ONSHORE FACILITIES

PROJECT NO.: POCG-84-801-244

DOC. CLASS: 1

SCALE: N/A

PAGE: 001 OF 001

DATE: 01-09-07

BY: WVP

CHECKED: RI

APPROVED: AF

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