

ITEM N° 114-D-111
SERVICE HC SLUMP DRUM
ID x TL TL mm
DESIGN PRESS. 3.5 / FV bar.g
DESIGN TEMP. Min: -70 /Max: 85 °C
INSULATION NO

ITEM N° 114-DH-111
SERVICE HC SLUMP DRUM
TYPE HEATER
DUTY 35 KW

ITEM N° 114-P-114
SERVICE HC SLUMP PUMP
TYPE CENTRIFUGAL
CAPACITY 25 m3/h
DIFF. PRESS. 3.1 bar
ABSORBED POWER 3.58 kW

NOTES

- ONE UC CONNECTION IS USED TO FLUXIZE THE BOTTOM WHILE THE OTHER IS FOR EMPTYING BY MOBILE SYSTEM.
- VALVE PIT.
- PUMP IS OPERATED MANUALLY BY OPERATOR.
- PERMISSIVE REQUIRED TO START 114-P-114 TO PREVENT CRYOGENIC LIQUID BEING PUMPED.
- 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 15M FROM UNIT EDGE AND THE ESDV AND ASSOCIATED PIPING SHALL BE PROTECTED.
- SAMPLE POSITION TO BE EASILY ACCESSIBLE.
- DETAILS OF INSTRUMENTS ON HEATER LOCAL PANEL* AND ITS INTERFACE WITH DCS WILL BE SPECIFIED LATER.
- *HH IS AN ALARM FUNCTION ONLY AND DOES NOT INITIATE A TRIP ACTION.
- NO NEED FOR CLOSED DRAIN CONNECTION FOR TYPE 4A.

GENERAL NOTE:

ALL INSTRUMENT TAGS TO READ
UNIT N° SECTION LETTERS SEQUENTIAL NUMBER
UUU 1141 FFF NNNN

HOLD

1.DELETED

EQUIPMENT LIST

DRUM	PUMP	DRUM HEATER
114-D-111	114-P-114	114-DH-111

UTILITY PID NUMBER

FS17	PID-1718-186-0040-0004
DR	PID-1718-186-0040-0005

REV	DATE	DESCRIPTION	DESIGN	BY	CHKD	APPD	AUTHZ
5	180513	APPROVED FOR CONSTRUCTION	DEC	SD	SM	SM	RM
4	060513	APPROVED FOR CONSTRUCTION	DEC	SD	SM	MMH	RM
3	070311	APPROVED FOR CONSTRUCTION	DEC	SD	MA	MMF	AMP
2	060111	APPROVED FOR CONSTRUCTION	DEC	SD	MA	MMF	AMP
1	040810	APPROVED FOR DESIGN	DEC	SD	MA	MMF	AMP
0	110809	ISSUED FOR COMMENT	DEC	SD	MA	MMF	AMP

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



PROJECT No: POGC-84-801-244

DOC. CLASS 1

SCALE N/A

WorleyParsons

IDRO

OIRC

IOEC

UNIT 114: PROPANE TREATMENT AND DRYING

HC SLUMP DRUM

PIPING AND INSTRUMENT DIAGRAM

DRAWING No. PID-1718-114-0030-0117

REVISION 5

