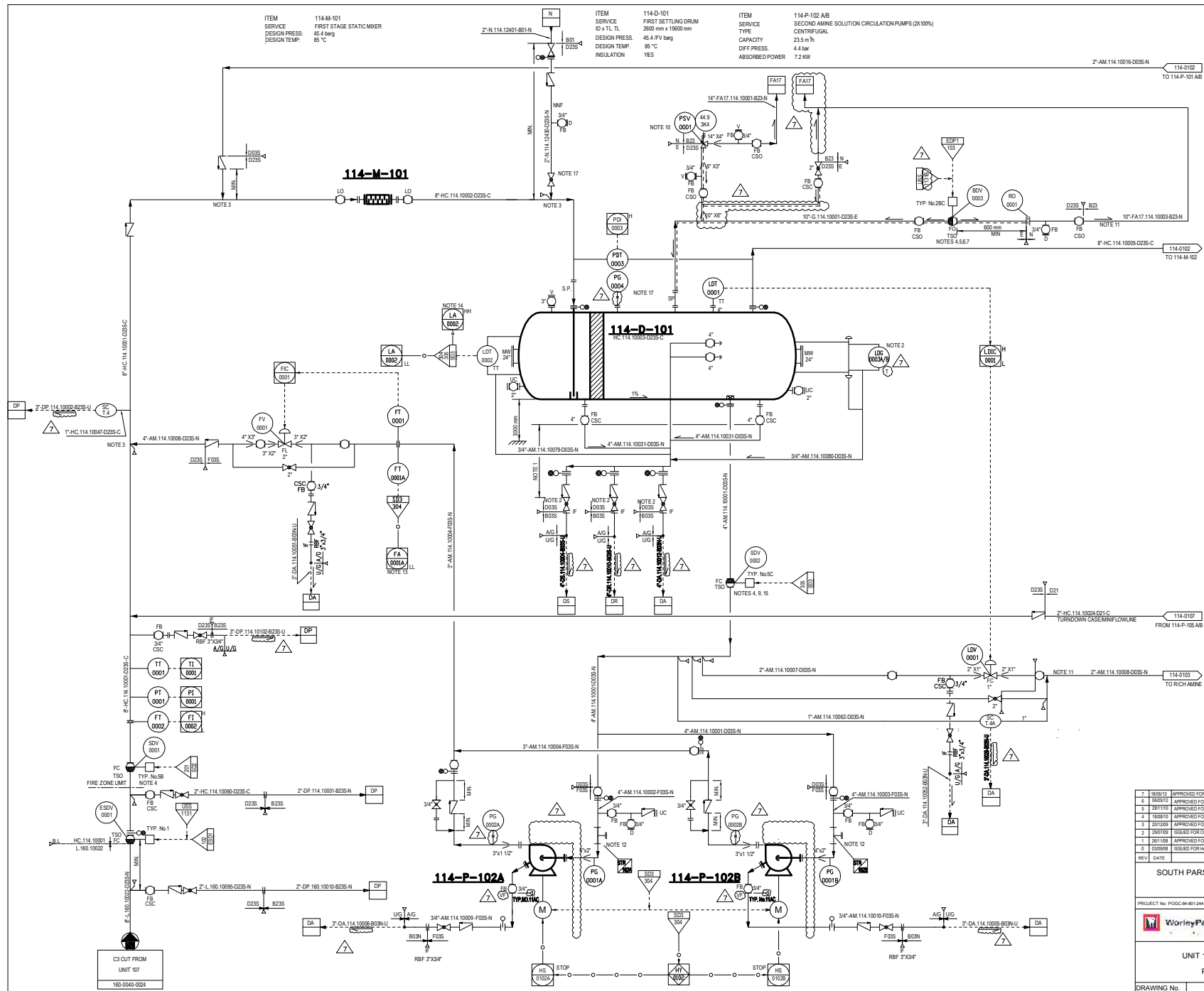
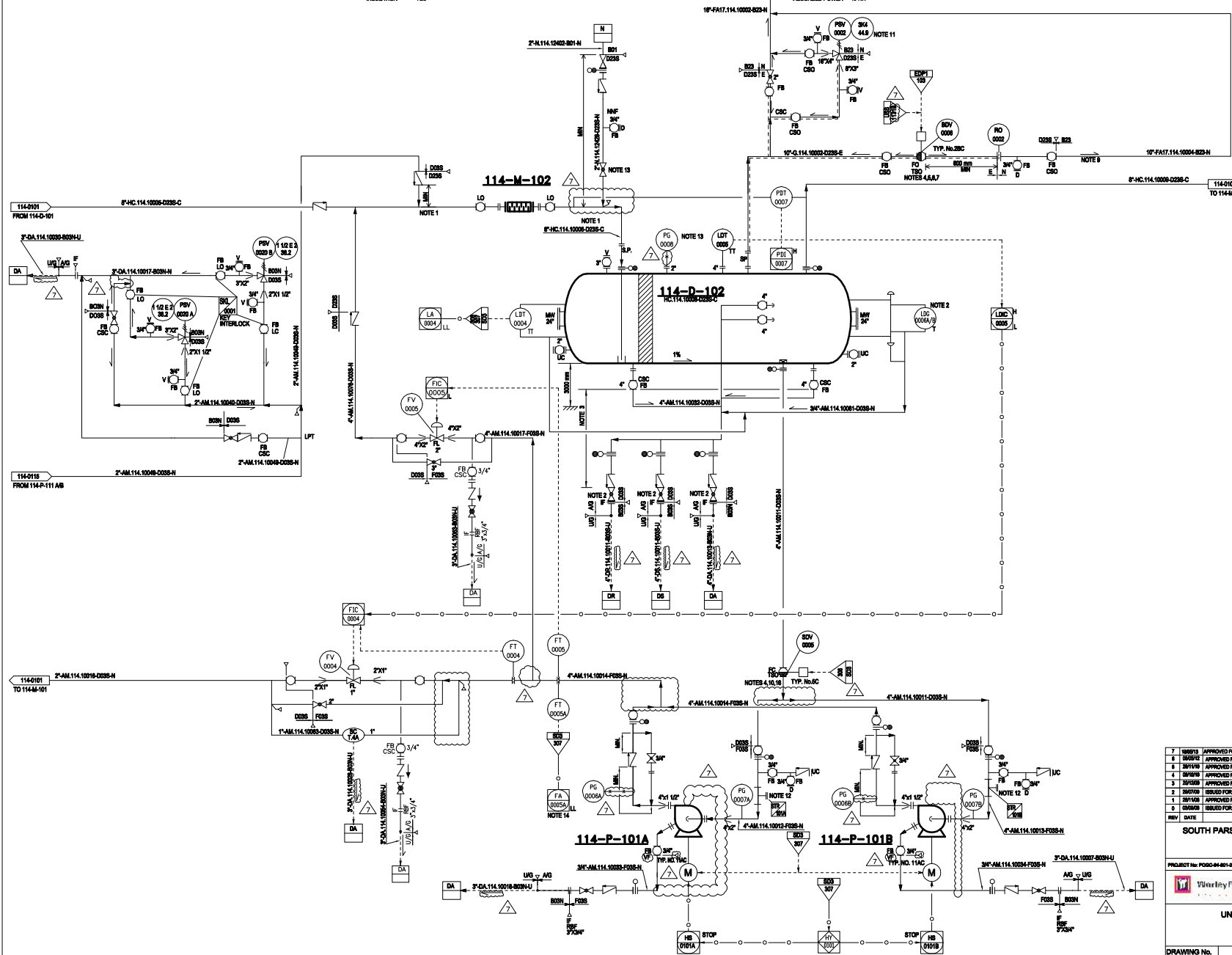




ITEM 114-M-102
SERVICE SECOND STAGE STATIC MIXER
ID x TL, TL 45.4 mm
DESIGN PRESS. 45.4 barg
DESIGN TEMP. 85 °C
INSULATION YES

ITEM 114-D-102
SERVICE SECOND SETTLING DRUM
ID x TL, TL 2600 mm x 16500 mm
DESIGN PRESS. 45.4 barg
DESIGN TEMP. 85 °C
INSULATION YES

ITEM 114-P-101 AB
SERVICE FIRST AMINE SOLUTION CIRCULATION PUMPS (2X100%)
TYPE CENTRIFUGAL
CAPACITY 28.3 m³/h
DIFF. PRESS. 5.0 bar
ASSURED POWER 12 kW



- NOTES**
- CONNECTION ON TOP OF THE LINE
 - LSD ON 114-D-102 TO BE READABLE FROM GLOBE VALVES ON VESSEL DRAIN.
 - PRESERVE OF UPS POSSIBILITY OF FREEZING VALVES IN CASE OF MICROPROCESSOR FAILURE. MINIMUM DISTANCE BETWEEN 2 VALVES SHALL BE 500 mm.
 - FIRE RESISTANT VALVE (ALL INSTRUMENTS, BOX PROTECTION, TUBING, CABLES, ETC., WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION).
 - VALVE EQUIPPED WITH AIR RESERVE.
 - VALVE LOCATED AT HIGH POINT.
 - AIR RESERVE TO BE ABLE TO COMMAND FOR 5 STROKES VALVE OPERATING DURING AIR INSTRUMENT FAILURE.
 - DELETED.
 - TWO PHASES FLOW LINES, NEED FOR REINFORCED ANCHORING.
 - ISOLATION VALVE TO BE LOCATED AT MINIMUM DISTANCE, FROM 114-D-102.
 - SPARE RELIEF VALVE STORED IN WAREHOUSE.
 - FOR FILTER ARRANGEMENT REFER TO TABLE 'X' ON PID-1718-000-0000.
 - PG 0008 TO BE READABLE FROM GLOBE VALVE.
 - ON LOW FLOW, LOW DUTY PUMP IS STOPPED AND STANDBY PUMP STARTED IF AFTER 10 SECONDS FLOW REMAINS LOW, PUMPS ARE TRIPPED.
 - DELETED.
 - SOV-0008 CLOSED INDICATION TRIPS AMINE CIRCULATION PUMPS 114-P-101AB WHEN RUNNING.

GENERAL NOTES
ALL INSTRUMENT TAGS TO READ:
LETTERS NUMBER
1141 FFFF 1600H

HOLDS
1 - DELETED.
2 - DELETED.
3 - DELETED.

THIS PID IS BASED ON DRAWING NO. 114-SPD-213 SUPPLIED BY AXENS.

DRUM	MIXER	PUMP
114-D-102	114-M-102	114-P-102AB

UTILITY PID NUMBER

N	PD-1718-105-0040-0000	DS	PD-1718-105-0040-0000
DA	PD-1718-105-0040-0000	FAIT	PD-1718-105-0040-0000
DR	PD-1718-105-0040-0000		

REV	DATE	DESCRIPTION	CHKD	PRPD	CHD	APPD	AUTPRD
1	18/07/19	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
2	18/07/19	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
3	18/07/19	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
4	18/07/19	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
5	18/07/19	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
6	18/07/19	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
7	18/07/19	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
8	18/07/19	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
9	18/07/19	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
10	18/07/19	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM

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

PROJECT No: P000-001-004

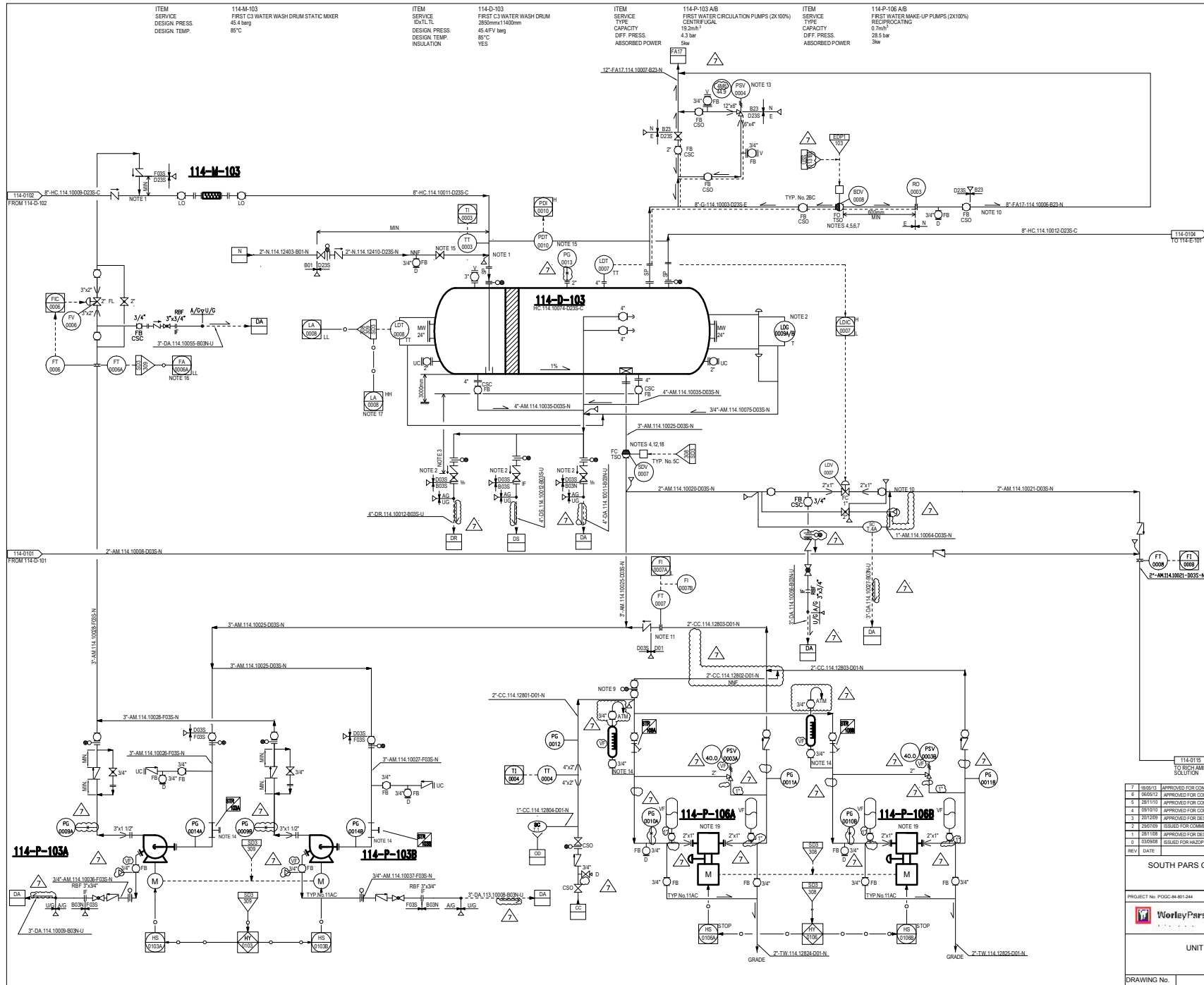
DOC. CLASS 1

SCALE: N/A

UNIT 114: PROPANE TREATMENT AND DRYING
COS REMOVAL SECTION 2/2 (TRAIN 1)
PIPING AND INSTRUMENT DIAGRAM

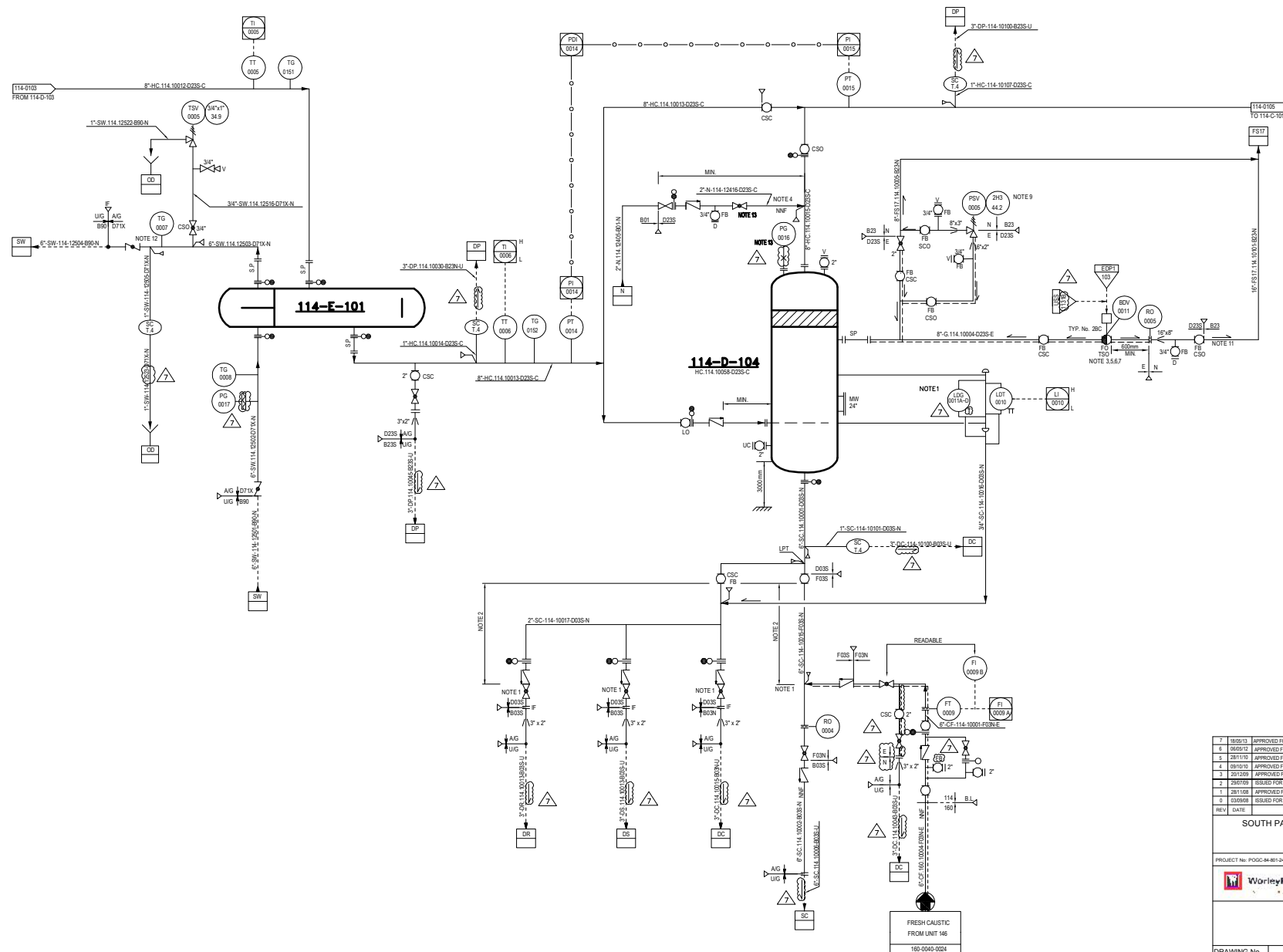
DRAWING No. PID-1718-114-0030-0102

REVISION 7



ITEM 114-E-101
SERVICE C3 COOLER
TYPE BES
DUTY/SURFACE 0.892 MW / 159 M²
SHELL TUBE
DESIGN PRESS. 45.4 bar g 34.9 bar g
DESIGN TEMP. 85°C 85°C
INSULATION C N

ITEM 114-D-104
SERVICE CAUSTIC PREWASH DRUM
IDxTL-TL 2650 mm x 9250 mm
DESIGN PRESS. 45.4 / FV bar g
DESIGN TEMP. 85°C
INSULATION YES



- NOTES
- 1-LDG ON 114-D-104 TO BE READABLE FROM GLOBE VALVES ON SPENT CAUSTIC MAKE-UP LINES.
 - 2- PRESENCE OF LPG. POSSIBILITY OF FREEZING VALVES IN CASE OF MISOPERATION. MINIMUM DISTANCE BETWEEN 2 VALVES SHALL BE 600mm.
 - 3- VALVE EQUIPPED WITH AIR RESERVE.
 - 4- CONNECTION ON TOP OF THE LINE.
 - 5- AIR RESERVE TO BE SIZED TO BE ABLE TO COMMAND FOR 3 STROKES VALVE OPERATING DURING AIR INSTRUMENT FAILURE.
 - 6- FIRE RESISTANT VALVE (ALL INSTRUMENTS, BOX PROTECTION, TUBING, CABLES, ETC., WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION).
 - 7- VALVE LOCATED AT HIGH POINT.
 - 8- DELETED.
 - 9- SPARE RELIEF VALVE STORED IN WAREHOUSE.
 - 10- DELETED.
 - 11- TWO PHASES FLOW LINES NEED FOR REINFORCED ANCHORING.
 - 12- IN NORMAL CONDITIONS VALVE IS NOT FULLY OPEN IN ORDER TO HAVE ENOUGH MARGIN FOR THE COOLING.
 - 13- PG 0016 TO BE READABLE FROM GLOBE VALVE.

GENERAL NOTES

ALL INSTRUMENT TAGS TO READ:
LETTERS NUMBER
1141 FFFF NNNN

HOLDS

1-DELETED.

THIS PID IS BASED ON DRAWING NO. 114-9FD-413 SUPPLIED BY AXENS.

EQUIPMENT LIST

DRUM	EXCHANGER
114-D-104	114-E-101

UTILITY PID NUMBER

DC	PD-1718-186-0040-0005	FS17	PD-1718-186-0040-0004
N	PD-1718-186-0040-0002	DR	PD-1718-186-0040-0005
SW	PD-1718-186-0040-0003	DP	PD-1718-186-0040-0005
DS	PD-1718-186-0040-0005	SC	PD-1718-186-0040-0005

7	1805/13	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
6	0605/10	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM
5	28/11/10	APPROVED FOR CONSTRUCTION	DEC	SM	MA	MMF	AAP
4	09/10/10	APPROVED FOR CONSTRUCTION	DEC	SM	MA	MMF	AAP
3	09/10/10	APPROVED FOR DESIGN	DEC	SM	MA	MMF	AAP
2	28/07/09	ISSUED FOR COMMENT	DEC	SM	MA	MMF	AAP
1	28/11/08	APPROVED FOR DESIGN	WP	SH	AI	RPM	RC
0	03/09/08	ISSUED FOR HAZOP	WP	SH	AI	RPM	RC

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



PROJECT No: POGC-84-801-044

DOC. CLASS 1

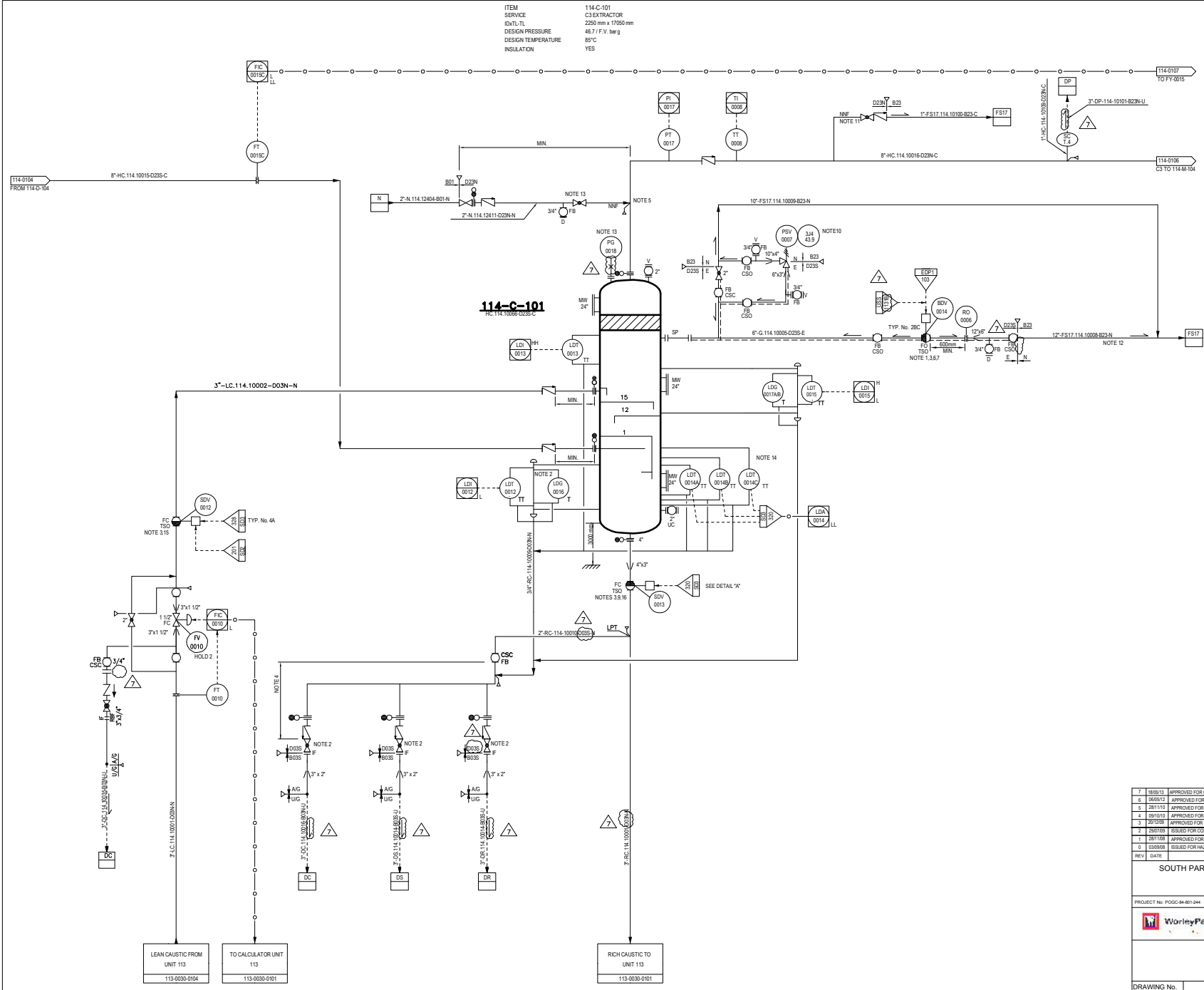
SCALE: N/A



UNIT 114: PROPANE TREATMENT AND DRYING
CAUSTIC PREWASH DRUM
PIPING AND INSTRUMENT DIAGRAM

DRAWING No. PID-1718-114-0030-0104

REVISION 7

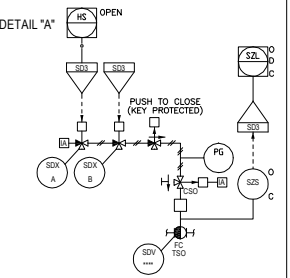


- NOTES**
- 1- VALVE EQUIPPED WITH AIR RESERVE
 - 2- LDG ON 114-C-101 READABLE FROM SPENT CAUSTIC DRAINAGE VALVE FACILITIES
 - 3- FIRE RESISTANT VALVE (ALL INSTRUMENTS, BOX PROTECTION, TUBING, CABLES, ETC. WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION)
 - 4- PRESENCE OF LPG: POSSIBILITY OF FREEZING VALVES IN CASE OF MISOPERATION. MINIMUM DISTANCE BETWEEN 2 VALVES SHALL BE 600 mm
 - 5- CONNECTION ON TOP OF THE LINE
 - 6- VALVE LOCATED AT HIGH POINT
 - 7- AIR RESERVE TO BE SIZED TO BE ABLE TO COMMAND FOR 3 STROKES VALVE OPERATING DURING AIR INSTRUMENT FAILURE
 - 8- DELETED
 - 9- ISOLATION VALVE TO BE LOCATED AT MINIMUM DISTANCE FROM 114-C-101
 - 10- SPARE RELIEF VALVE STORED IN WAREHOUSE
 - 11- LINE USED FOR DRAINING NON CONDENSATE GASES
 - 12- TWO PHASES FLOW LINES, NEED FOR REINFORCED ANCHORING
 - 13- PG 0018 TO BE READABLE FROM GLOBE VALVE
 - 14- PROVIDE 2 OUT OF 3 VOTING SYSTEM
 - 15- LDALL-0010A IN UNIT 113 INITIATE CLOSURE OF SDV-0012
 - 16- LAHH-0004 A/B/C IN UNIT 113 INITIATE CLOSURE OF SDV-0013

GENERAL NOTES

ALL INSTRUMENT TAGS TO READ:
LETTERS: NUMBER
1141: FFFF: NNNN

- HOLDS**
- 1- DELETED
 - 2- DELETED

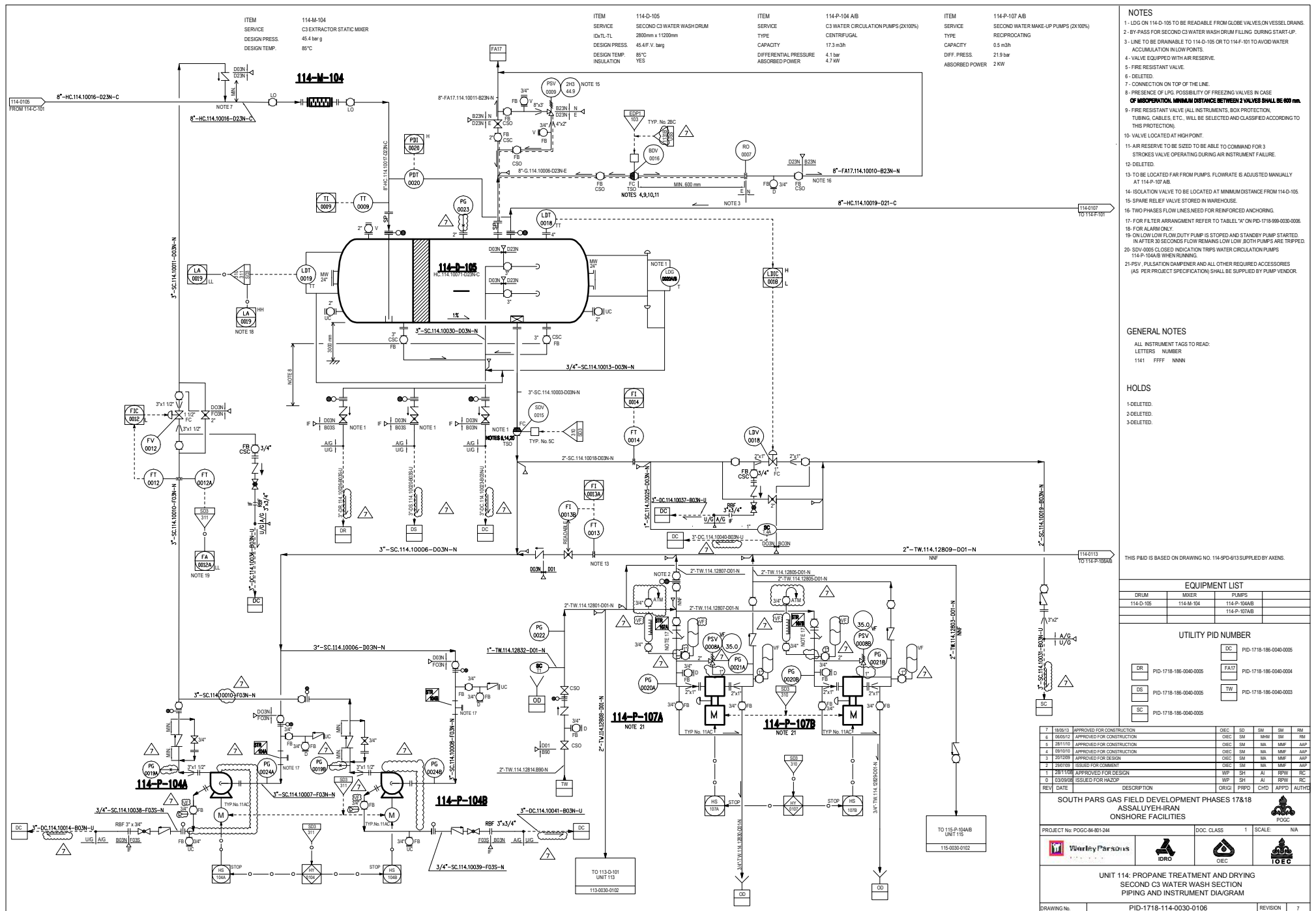


THIS PAID IS BASED ON DRAWING NO. 114-9D-913 SUPPLIED BY AXIENS.

EQUIPMENT LIST			
COLUMN			
114-C-101			

UTILITY PID NUMBER			
DC	PID-1718-186-0040-0005	DR	PID-1718-186-0040-0005
N	PID-1718-186-0040-0002	FS17	PID-1718-186-0040-0004
DS	PID-1718-186-0040-0005	DP	PID-1718-186-0040-0005

6	06/05/12	APPROVED FOR CONSTRUCTION	OIEC	SD	SM	SM	SM		
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5	28/11/10	APPROVED FOR CONSTRUCTION	OIEC	SM	ML	MMF	AMP		
4	09/10/10	APPROVED FOR CONSTRUCTION	OIEC	SM	ML	MMF	AMP		
3	01/10/09	APPROVED FOR DESIGN	OIEC	SM	ML	MMF	AMP		
2	28/07/09	ISSUED FOR COMMENT	OIEC	SM	ML	MMF	AMP		
1	28/11/08	APPROVED FOR DESIGN	WP	SH	AL	RPM	RC		
0	03/05/08	ISSUED FOR HAZOP	WP	SH	AL	RPM	RC		
REV	DATE	DESCRIPTION	ORIG	PREP	CHKD	APPRD	AUTHD		
SOUTH PARS GAS FIELD DEVELOPMENT PHASES 17&18 ASSALUYEH-IRAN ONSHORE FACILITIES									
									
PROJECT No: POGG-84-801244			DOC. CLASS		1	SCALE: N/A			
 WorleyParsons			 IDRO		 OIEC		 L O R C		
UNIT 114: PROPANE TREATMENT AND DRYING C3 EXTRACTOR									
PIPING AND INSTRUMENT DIAGRAM									
DRAWING No.		PID-1718-114-0030-0105				REVISION 7			



NOTES

1. DGG IN 104-105 TO BE READABLE FROM GLOBE VALVES ON VESSEL DRAINS.
2. BY-PASS FOR SECOND C/WATER WASH OUT DURING START-UP.
3. LINE TO BE DRAINABLE TO 104-110S OR TO 114-101 TO AVOID WATER ACCUMULATION IN LOW POINTS.
4. VALVE EQUIPPED WITH AIR RESERVE.
5. TYPE RESISTANT VALVE.
6. DELETED.
7. CONNECTION ON TOP OF THE LINE.
8. PRESENCE OF LOG: POSSIBILITY OF FREEZING VALVES IN CASE OF MISOPERATION. MINIMUM DISTANCE BETWEEN 2 VALVES SHALL BE 600 mm.
9. FIRE RESISTANT VALVE ALL INSTRUMENTS, BOX PROTECTION, TURNING CLOCKS, ETC., ETC. WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION).
10. VALVE LOCATED AT HIGH POINT.
11. AIR RESERVE TO BE SIZED TO BE ABLE TO COMMAND FOR 3 STROKES VALVE OPERATING DURING AIR INSTRUMENT FAILURE.
12. DELETED.
13. TO BE LOCATED FAR FROM PUMPS FLOWMETER IS ADJUSTED MANUALLY AT 114-101 AS.
14. ISOLATION VALVE TO BE LOCATED AT MINIMUM DISTANCE FROM 104-105.
15. SPARE RELIEF VALVE STORED IN WAREHOUSE.
16. TWO PHASES FLOW LINES NEED FOR REINFORCED ANCHORING.
17. FOR FOLDER ARRANGEMENT REFER TO TABLE "A" ON PG. 17-89 AND 19-900-000S.
18. FOR ALARM ONLY.
19. ON LOW FLOW FLUX DUTY PUMP IS STOPPED AND STANDBY PUMP STARTED.
20. SECOND FLOW REMAINS LOW LOW BOTH PUMPS ARE TRIPPED.
21. 20-SDV-000S CANNOT INDICATE TRIP WATER CROAKATION CROAKS.
22. 104-104AB IN RUNNING.
23. 104-104AB CANNOT DIMENSIONER AND ALL OTHER REQUIRED ACCESSORIES (AS PER PROJECT SPECIFICATION) SHALL BE SUPPLIED BY PUMP VENDOR.

GENERAL NOTES

ALL INSTRUMENT TAGS TO READ
LETTERS NUMBER
1141 FFFF NNNN

HOLDS

- 1-DELETED
2-DELETED
3-DELETED

THIS P&ID IS BASED ON DRAWING NO. 114-SPD-6/13 SUPPLIED BY AXENS

EQUIPMENT LIST			
DRUM	MIXER	PUMPS	
114-D-105	114-M-104	114-P-104A/B	
		114-P-107A/B	

UTILITY PID NUMBER

DR	PID-1718-186-0040-0005	DC	PID-1718-186-0040-0005
		FA17	PID-1718-186-0040-0004
DS	PID-1718-186-0040-0005		
		TW	PID-1718-186-0040-0003
SC	PID-1718-186-0040-0005		

7	18/05/13	APPROVED FOR CONSTRUCTION	OEC	SD	SM	SM	RM
6	06/02/12	APPROVED FOR CONSTRUCTION	OEC	SM	M&M	SM	RM
5	28/11/10	APPROVED FOR CONSTRUCTION	OEC	SM	MA	M&F	AAP
4	01/10/10	APPROVED FOR CONSTRUCTION	OEC	SM	MA	M&F	AAP
3	23/10/09	APPROVED FOR DESIGN	OEC	SM	MA	M&F	AAP
2	28/07/09	ISSUED FOR COMMENT	OEC	SM	MA	M&F	AAP
1	28/07/09	APPROVED FOR DESIGN	WP	SH	AI	RPPW	RC
0	03/09/09	ISSUED FOR HAZOP	WP	SH	AI	RPPW	RC
REV	DATE	DESCRIPTION	PREP	REPP	CHD	APPV	AUTH

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

PROJECT No: POGC-84-801-24

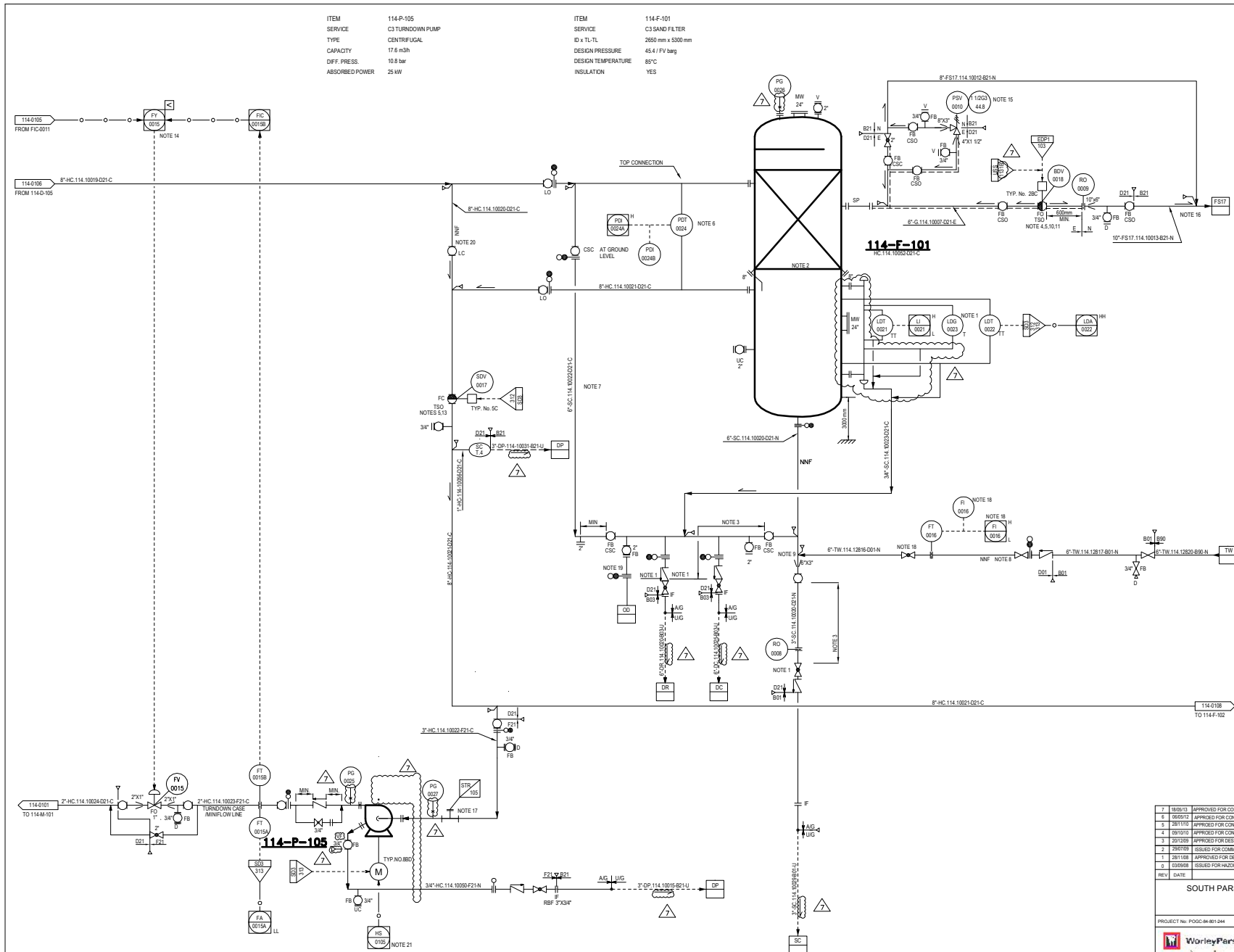
DOC. CLASS	1	SCALE:	NA
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WorleyParsons

UNIT 114: PROPANE TREATMENT AND DRY
SECOND C3 WATER WASH SECTION
PIPING AND INSTRUMENT DIA/GRAM

DRAWING No.	PID-1718-114-0030-010
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REVISION	
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- NOTES**
- LOG ON 114-F-101 TO BE READABLE FROM GLOBE VALVES ON DRAIN LINES
 - SAND BED
 - PRESENCE OF C3 POSSIBILITY OF FREEZING VALVES IN CASE OF MISOPERATION. MINIMUM DISTANCE BETWEEN 2 VALVES SHALL BE 800mm.
 - VALVE EQUIPPED WITH AIR RESERVE
 - FIRE RESISTANT VALVE (ALL INSTRUMENTS, BOX PROTECTION, TUBING, CABLES, ETC. WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION)
 - LOCATE DELTA P CELL AT HIGH POINT. SELF DRAINING LEGS.
 - FILTER BACK-WASH DRAIN PIPING
 - FOR SAND FILTER BACK-WASHING
 - CONNECTION ON TOP OF THE LINE
 - AIR RESERVE TO BE SIZED TO BE ABLE TO COMMAND FOR 3 STROKES VALVE OPERATING DURING AIR INSTRUMENT FAILURE.
 - VALVE LOCATED AT HIGH POINT
 - DELETED
 - ISOLATION VALVE TO BE LOCATED AT MINIMUM DISTANCE FROM 114-F-101
 - SEE SPECIAL LOOP DESCRIPTION IN SECTION 4 OF PROCESS DATA BOOK.
 - SPARE RELIEF VALVE STORED IN WAREHOUSE.
 - TWO PHASES FLOW LINES NEED FOR REINFORCED ANCHORING.
 - FOR FILTER ARRANGEMENT REFER TO TABLE 'X' ON PID-1718-999-0030-0006
 - FI 0016 TO BE READABLE FROM GLOBE VALVE.
 - OPEN DRAIN CONNECTION.
 - SAND FILTER BY-PASS FOR MAINTENANCE.
 - OPERATOR TO START THE PUMP WHEN NECESSARY.

GENERAL NOTES

ALL INSTRUMENT TAGS TO READ:
LETTERS NUMBER
1141 FFFF NNNN

- DELETED
- DELETED
- DELETED

THIS PID IS BASED ON DRAWING NO. 114-9PD-713 SUPPLIED BY AGENS.

EQUIPMENT LIST			
FILTER	PUMP		
114-F-101	114-P-105		

UTILITY PID NUMBER			
DC	PID-1718-185-0040-0005	FS17	PID-1718-185-0040-0004
DP	PID-1718-185-0040-0005	TW	PID-1718-185-0040-0003
DR	PID-1718-185-0040-0005	SC	PID-1718-185-0040-0005

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5	050512	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM	SM
3	281110	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM	SM
4	281110	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM	SM
3	201209	APPROVED FOR DESIGN	DEC	SM	SM	SM	SM	SM
2	280709	ISSUED FOR COMMENT	DEC	SM	SM	SM	SM	SM
1	281108	APPROVED FOR DESIGN	WP	SM	SM	SM	SM	SM
0	030509	ISSUED FOR HALOOP	WP	SM	SM	SM	SM	SM
REV	DATE	DESCRIPTION	DRWG	PRPD	CHD	APPD	AUTHG	

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

PROJECT No: POGG-84-801-244

DOC. CLASS: 1

SCALE: NA

WorleyParsons

IOB

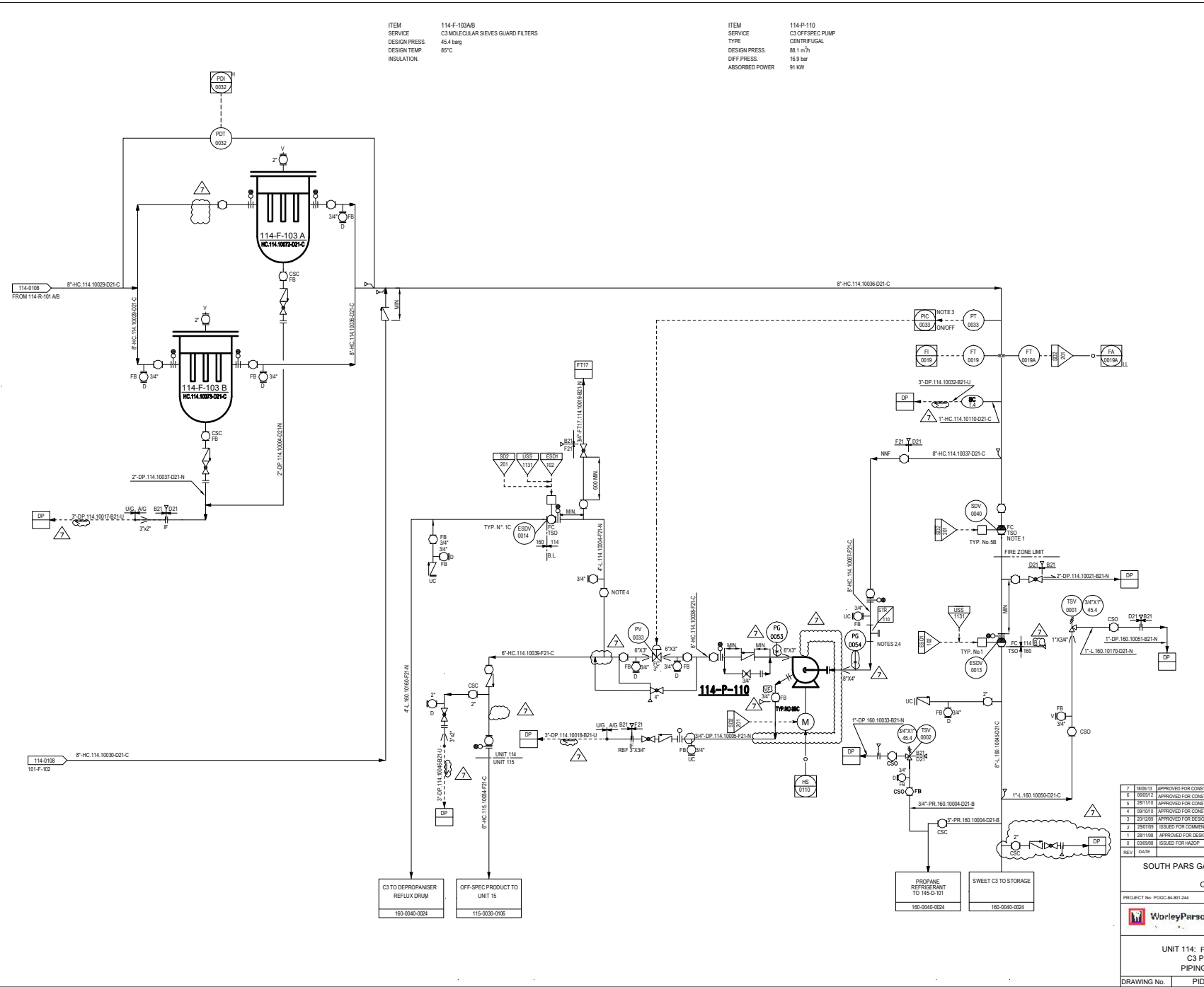
OBC

IOCC

UNIT 114: PROPANE TREATMENT AND DRYING
C3 FILTRATION SECTION
PIPING AND INSTRUMENT DIAGRAM

DRAWING No. PID-1718-114-0030-0107

REVISION: 7



ITEM

SERVICE

DESIGN PRESS.

DESIGN TEMP.

INSULATION.

114-F-103AB

C3 MOLECULAR SIEVES GUARD FILTERS

45.4 barg

85°C

ITEM

SERVICE

TYPE

DESIGN PRESS.

DIFF. PRESS.

ABSORBED POWER

114-P-110

C3 OFFSPEC PUMP

CENTRIFUGAL

86.1 m³/h

16.9 bar

91 kW

NOTES

1- FIRE RESISTANT VALVE (ALL INSTRUMENTS, BOX PROTECTION TUBING, CABLES, ETC., WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION).

2- FOR FILTER ARRANGEMENT REFER TO TABLE 'A' ON PID-1718-999-0030-0006.

3- TO BE USED TO ROUTE THE OFF-SPEC PRODUCT TO EXPORT GAS COMPRESSOR UNIT. PIC NOT ACTUATED DURING NORMAL OPERATION.

4- SUCTION AND DISCHARGE CONNECTIONS IS FOR START-UP.

GENERAL NOTES

ALL INSTRUMENT TAGS TO READ:

LETTERS - NUMBER

1141 FFFF NNNN

HOLD

1- DELETED

2- DELETED

THIS PAID IS BASED ON DRAWING NO. 114-PID-913 SUPPLIED BY ARENS.

EQUIPMENTS LIST

DRUM	EXCHANGER
114-F-103AB	114-P-110

UTILITY PID NUMBER

DP	PID-1718-185-0040-0005
FT17	PID-1718-185-0040-0004

7	18/05/13	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	SM	SM
6	06/05/12	APPROVED FOR CONSTRUCTION	DEC	SM	MM	MM	MM	MM
5	28/11/10	APPROVED FOR CONSTRUCTION	DEC	SM	MA	MA	MA	MA
4	19/10/10	APPROVED FOR CONSTRUCTION	DEC	SM	MA	MA	MA	MA
3	20/12/09	APPROVED FOR DESIGN	DEC	SM	MA	MA	MA	MA
2	25/07/09	ISSUED FOR COMMENT	DEC	SM	MA	MA	MA	MA
1	28/11/08	APPROVED FOR DESIGN	WP	SM	JA	RPW	RC	RC
0	03/05/08	ISSUED FOR HAZOP	WP	SM	JA	RPW	RC	RC

REV DATE DESCRIPTION ORGS PREP'D CHD APP'D AUTH'D

SOUTH PARS GAS FIELD DEVELOPMENT PHASES 17&18

ASSALUYEH-IRAN

ONSHORE FACILITIES

PROJECT No: POGC-84-801-044

DOC. CLASS 1

SCALE: NA

WorleyParsons

IDRO

OIGC

IOGC

UNIT 114: PROPANE TREATMENT AND DRYING

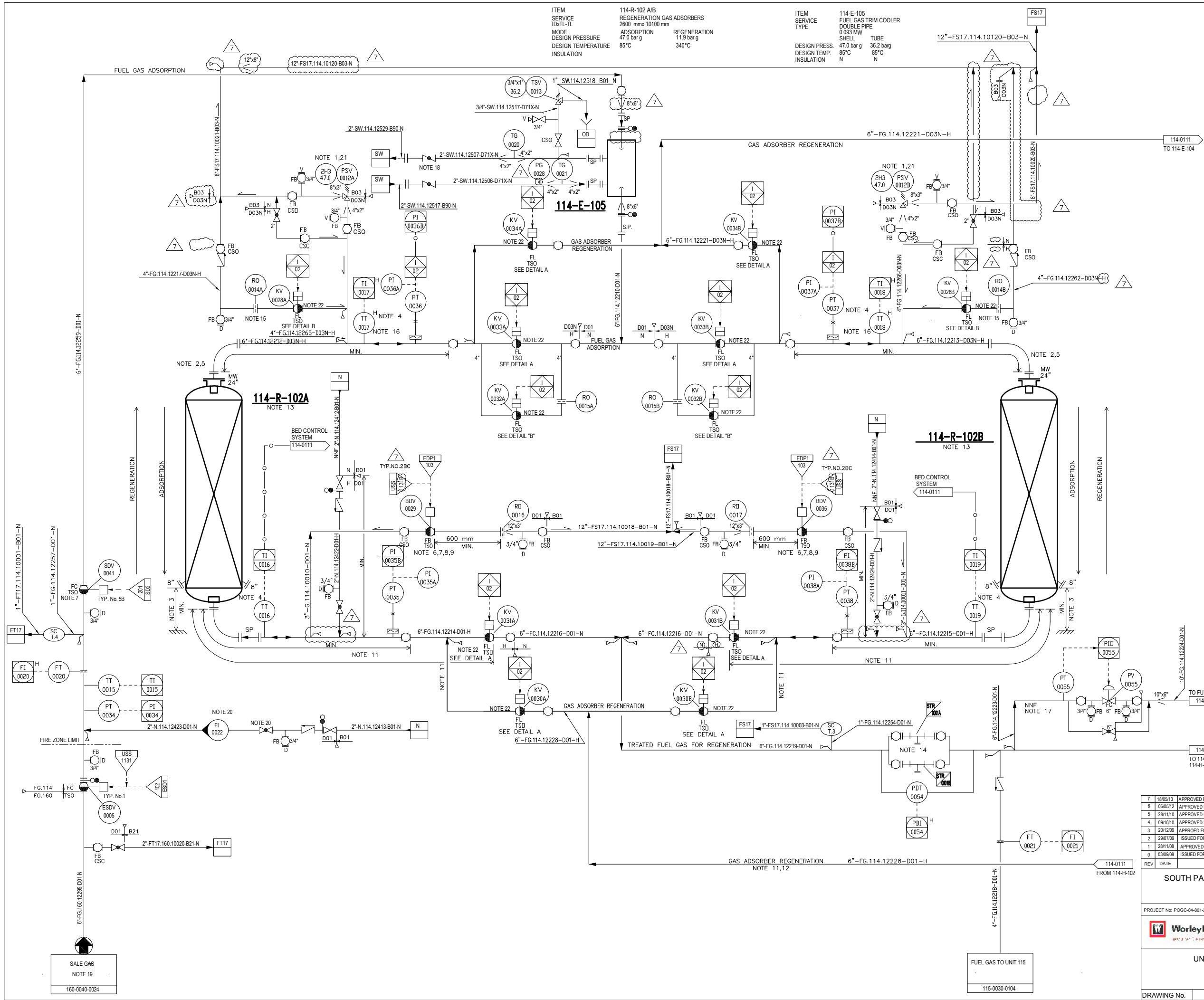
C3 PRODUCT EXPORT SECTION

PIPING AND INSTRUMENT DIAGRAM

DRAWING No. PID-1718-114-0030-0109

REVISION 7

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NOTES

- 1 - PSV CONNECTED AT HIGH POINT AS CLOSE AS POSSIBLE TO ADSORBERS OUTLET.
- 2 - LINE DIAMETER TO BE CONFIRMED BY ENGINEERING ACCORDING TO PSV RELIEF LOAD.
- 3 - PROVIDE ENOUGH SPACE FOR ADSORBER UNLOADING.
- 4 - MINIMUM DISTANCE FROM REGENERATION GAS ADSORBERS.
- 5 - REMOVABLE ELBOW.
- 6 - VALVE EQUIPPED WITH AIR RESERVE.
- 7 - FIRE RESISTANT VALVE (ALL INSTRUMENTS, BOX, PROTECTION, TUBING, CABLES, ETC., WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION).
- 8 - AIR RESERVE TO BE SIZED TO BE ABLE TO MAINTAIN THE VALVE CLOSED DURING 30 MINUTES OF INSTRUMENT AIR FAILURE.
- 9 - VALVE TO BE LOCATED AT HIGH POINT
- 10 - DELETED.
- 11 - THESE LINES MUST BE INSULATED INCLUDING ALL VALVES. INSULATION THICKNESS SHALL TAKE INTO ACCOUNT THAT HIGH TEMPERATURE IS OBTAINED BATCH WISE (NOT ON CONTINUOUS BASIS).
- 12 - LINE LENGTH BETWEEN ADSORBERS AND ELECTRICAL HEATER SHALL BE MINIMIZED (15 m MAXIMUM). NO POCKETS.
- 13 - TIGHTNESS TESTS OF ALL KV VALVES TO BE PERFORMED ON A REGULAR BASIS.
- 14 - FOR PROTECTION OF DOWNSTREAM FT'S.
- 15 - DETAILED ENGINEERING CONTRACTOR SHALL CHECK THAT WITH INSTALLED RO, FUEL GAS FLOW THROUGHOUT DOES NOT EXCEED THE FLUIDIZATION LIMIT.
- 16 - ALARM MUST BE AUTOMATICALLY SHUTDOWN DURING THE REGENERATION.
- 17 - INTERMITTENT SERVICE. LINE USED TO ENSURE CONSTANT FLOWRATE TO THE BURNERS IF NEEDED.
- 18 - IN NORMAL CONDITIONS VALVE IS NOT FULLY OPEN IN ORDER TO HAVE ENOUGH MARGIN FOR THE COOLING.
- 19 - SALE GAS FROM EXPORT COMPRESSOR SUCTION.
- 20 - FI-0022 TO BE READABLE FROM GLOBE VALVE.
- 21 - SPARE RELIEF VALVE STORED IN WAREHOUSE.
- 22 - RISING STEM BALL VALVE.

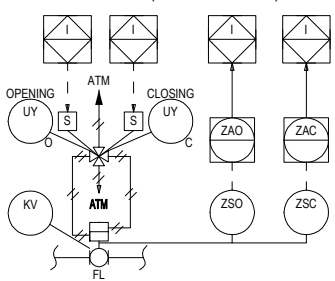
GENERAL NOTES

ALL INSTRUMENT TAGS TO READ:
LETTERS NUMBER
1141 FFFF NNNN

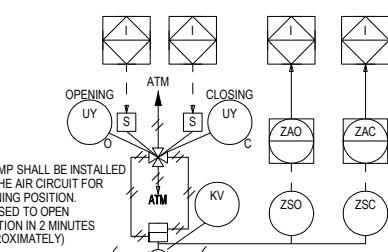
HOLDS

- 1-DELETED.
- 2-DELETED.
- 3-DELETED.

DETAIL A (ON/OFF VALVE)



DETAIL B (RAMP OPENING VALVE)



THIS P&ID IS BASED ON DRAWING NO. 114-5PD-10/13 SUPPLIED BY AXENS.

EQUIPMENT LIST

EXCHANGER	ABSORBER
114-E-105	114-R-102A/B

UTILITY PID NUMBER

FS17	PID-1718-186-0040-0004	FT17	PID-1718-186-0040-0004
N	PID-1718-186-0040-0002	SW	PID-1718-186-0040-0003

REV	DATE	DESCRIPTION	ORIGI	PRPDR	CHD	APPRD	AUTHD
7	18/05/13	APPROVED FOR CONSTRUCTION	OIEC	SD	SM	SM	RM
6	06/05/12	APPROVED FOR CONSTRUCTION	OIEC	SM	MA	MMF	AAP
5	28/11/10	APPROVED FOR CONSTRUCTION	OIEC	SM	MA	MMF	AAP
4	09/10/10	APPROVED FOR CONSTRUCTION	OIEC	SM	MA	MMF	AAP
3	20/12/09	APPROVED FOR DESIGN	OIEC	SM	MA	MMF	AAP
2	29/07/09	ISSUED FOR COMMENT	OIEC	SM	MA	MMF	AAP
1	28/11/08	APPROVED FOR DESIGN	WP	SH	AJ	RPW	RC
0	03/09/08	ISSUED FOR HAZOP	WP	SH	AJ	RPW	RC

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



PROJECT No: POGC-84-801-244

DOC CLASS 1 SCALE: N/A



UNIT 114: PROPANE TREATMENT AND DRYING
REGENERATION SECTION 1/4
PIPING AND INSTRUMENT DIAGRAM

DRAWING No. PID-1718-114-0030-0110

REVISION 7

ITEM 114-H-101
SERVICE MOLECULAR SIEVES REGENERATION
ELECTRICAL HEATER
DUTY 764.3 KW
DESIGN PRESS. 31 Bar g
DESIGN TEMP. 340°C

ITEM 114-H-102
SERVICE REGENERATION GAS ADSORBER
ELECTRICAL HEATER
DUTY 701.4 KW
DESIGN PRESS. 12 Bar g
DESIGN TEMP. 340°C

ITEM 114-E-103
SERVICE C3 MOLECULAR SIEVES ADSORBERS
FEED/EFFLUENT EXCHANGER
DESIGN PRESS. 32.2 bar g
DESIGN TEMP. 200°C
INSULATION H H

ITEM 114-E-104
SERVICE SECOND REGENERATION
FEED/EFFLUENT EXCHANGER
DESIGN PRESS. 14.0 bar g
DESIGN TEMP. 200°C
INSULATION H H

ITEM 114-A-102
SERVICE GAS ADSORBERS
SECOND REGENERATION
DUTY SURFACE 0.466 KW (502m²)
DESIGN PRESS. 11.6 bar g
DESIGN TEMP. 200°C
INSTALLED POWER 11.0 KW

PUSH GAS FOR LIQUID FLING OF 114A-102 AIB

2" FG 114-12236-001-N
6" FG 114-12236-003-P

114-0112
114-0112
114-0101

- NOTES
1. INSTRUMENTS AND CONTROL SYSTEM FOR EACH HEATER PASS WILL BE GIVEN IN DETAILED ENGINEERING.
 2. RAMP OPERATION IS REQUIRED.
 3. VOTING SYSTEM 503 IS ACTUATED BY AT LEAST TWO TSH.
 4. FIRE RESISTANT VALVE (ALL INSTRUMENTS, BOX PROTECTION, TUBING, CABLES, ETC.) WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION.
 5. IF THE ADSORPTION PHASE ENDS BEFORE REGENERATION PHASE IS FINISHED THE SEQUENCE IS STOPPED AND UNIT 114 WILL BE SHUT DOWN MORE OVER WHEN THE REGULAR STAND BY THE SLOWER ZERO WHICH MEANS THAT THE AVAILABLE REGENERATION TIME IS NOT ENOUGH THE SEQUENCE IS STOPPED AND UNIT 114 IS SHUT DOWN.
 6. HEATER TRIPPED ALL VALVES IN REGENERATION CYCLE TO BE CLOSED.
 7. RISING STEM BALL VALVE.
 8. NUMBER OF AIR COOLER BAYS IS 1.

GENERAL NOTES

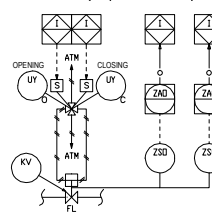
ALL INSTRUMENT TAGS TO READ:

LETTERS NUMBER

1141 FFFF NNNN

- HOLDS
- 1- DELETED.
 - 2- DELETED.
 - 3- DELETED.

DETAIL A (ON/OFF VALVE)



THIS P&ID IS BASED ON DRAWING NO. 114-9D-11/13 SUPPLIED BY AVENS.

HEATERS	AIR COOLER	EXCHANGER
114-H-101	114-A-102	114-E-103
114-H-102		114-E-104

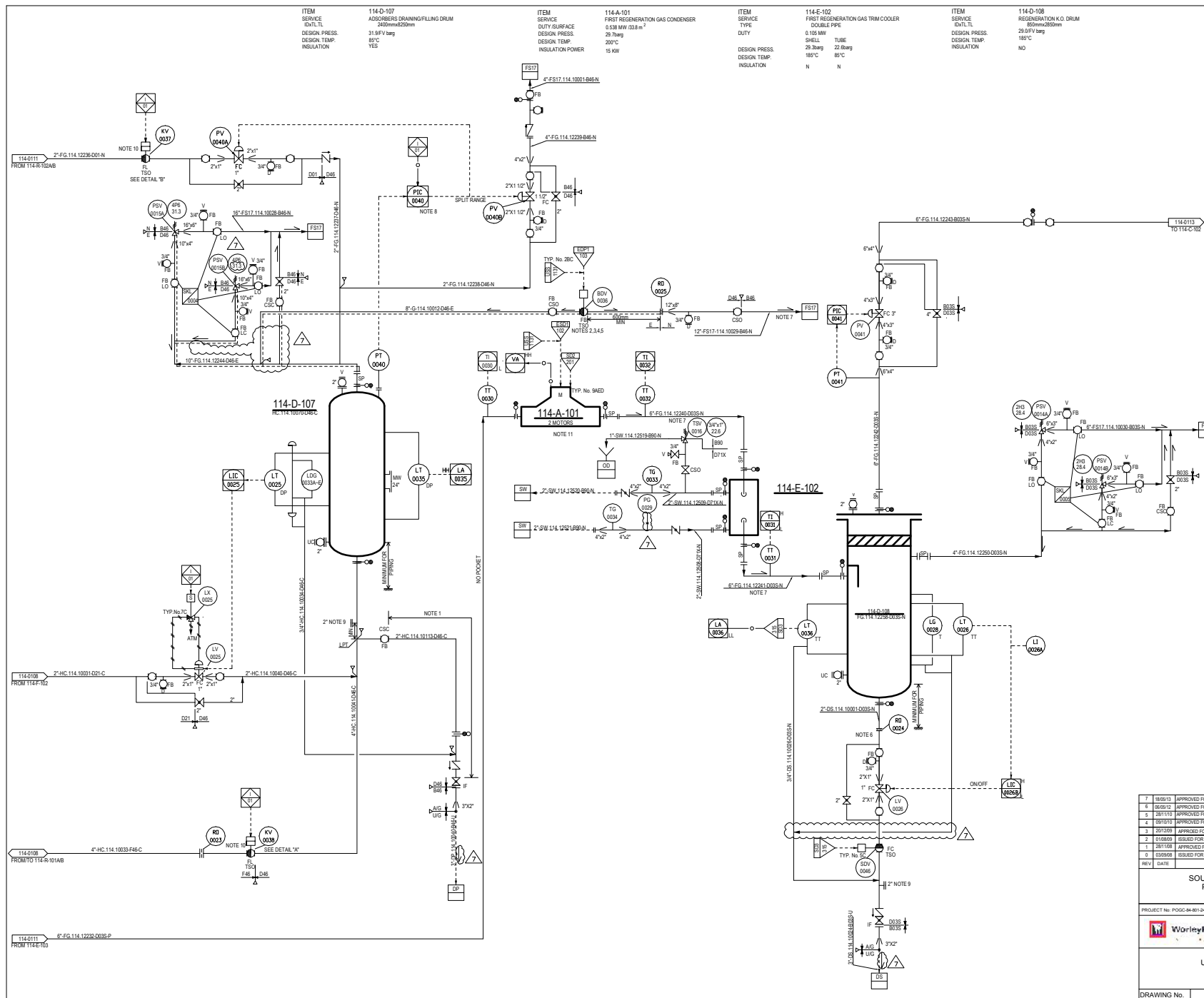
UTILITY PID NUMBER

FT17	PID-1718-185-0040-0004
FB17	PID-1718-185-0040-0004

REV	DATE	DESCRIPTION	ORIG	CHKD	APPRD	AUTH
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2	18/05/13	APPROVED FOR CONSTRUCTION	DEC	SM	MAN	SM
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SOUTH PARS GAS FIELD DEVELOPMENT PHASES 17&18				PGOC			
ASSALUYEH-IRAN				PGOC			
ONSHORE FACILITIES				PGOC			
PROJECT NO: PGOC-84-801-244				SCALE: N/A			
WorleyParsons				IDRO			
OIBC				IOEC			
UNIT 114: PROPANE TREATMENT AND DRYING				PREGENERATION SECTION 2/4			
PIPING AND INSTRUMENT DIAGRAM				REVISION: 6			
DRAWING No. PID-1718-114-0030-0111				REVISION: 6			

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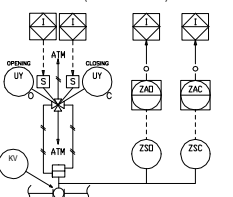


- NOTES**
1. PRESENCE OF LPG POSSIBILITY OF FREEZING VALVES IN CASE OF MISOPERATION MINIMUM DISTANCE BETWEEN TWO VALVES SHALL BE 600mm.
 2. VALVE EQUIPPED WITH AIR RESERVE.
 3. FIRE RESISTANT VALVE (ALL INSTRUMENTS BOX PROTECTION TUBING CABLES ETC.) WILL BE SELECTED AND CALSSIFIED ACCORDING TO THIS PROTECTION.
 4. VALVE LOCATED AT HIGH POINT.
 5. AIR RESERVE TO BE SIZED TO BE ABLE TO COMMAND FOR 3 STROKES VALVE OPERATING DURING AIR INSTRUMENT FAILURE.
 6. FOR SAFETY REASON.
 7. TWO PHASES FLOW LINES NEED FOR RAIN FORCED ANCHORING.
 8. PIC HAS TWO SET POINTS: ONE FOR DRAINING PHASE AND ONE FOR FILLING PHASE.
 9. OPEN DRAIN CONNECTION.
 10. RISING STEM BALL VALVE.
 11. NUMBER OF AIR COOLER BAYS IS 1.

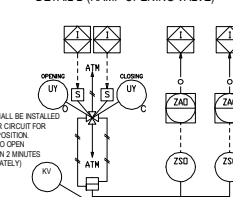
GENERAL NOTES

ALL INSTRUMENT TAGS TO READ:
LETTERS NUMBER
1141 FFF NNNN

DETAIL A (ON/OFF VALVE)



DETAIL B (RAMP OPENING VALVE)



THIS PID IS BASED ON DRAWING NO. 114-6PD-1213 SUPPLIED BY AXENS.

HOLDS

1. DELETED.
2. DELETED.

EQUIPMENT LIST

DRUM	EXCHANGER	AIR COOLER
114-D-107	114-E-102	114-A-101
114-D-108		

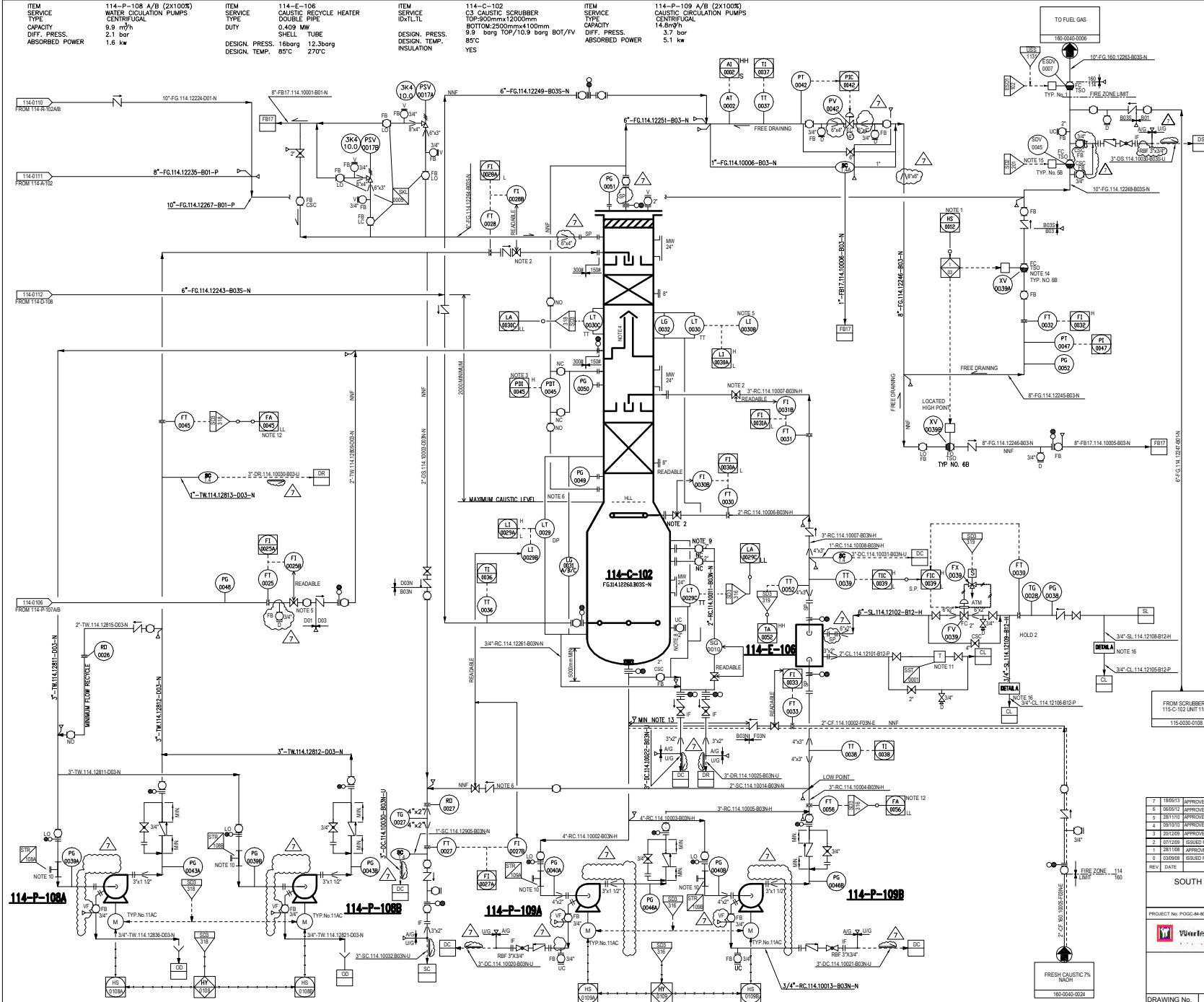
UTILITY PID NUMBER

DP	PID-1718-186-0040-0005	FSIT	PID-1718-186-0040-0004
DS	PID-1718-186-0040-0005		
SW	PID-1718-186-0040-0003		

REV	DATE	DESCRIPTION	DRWG	PRPD	CHD	APRD	AUTH
1	06/05/13	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	RM
2	06/05/12	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	RM
3	28/11/13	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	RM
4	06/05/13	APPROVED FOR CONSTRUCTION	DEC	SM	SM	SM	RM
5	05/05/09	APPROVED FOR DESIGN	DEC	SM	SM	SM	RM
6	01/08/09	ISSUED FOR COMMENT	DEC	SM	SM	SM	RM
7	28/11/08	APPROVED FOR DESIGN	WP	SM	SM	SM	RM
8	03/05/08	ISSUED FOR HAZOP	WP	SM	SM	SM	RM

SOUTH PARS GAS FIELD DEVELOPMENT PHASES 17&18 ASSALUYEH-IRAN ONSHORE FACILITIES				POGC	
PROJECT No: POGC-84-811-044		DOC. CLASS		1 SCALE: N/A	
WorleyParsons		IDRO		OIE	
UNIT 114: PROPANE TREATMENT AND DRYING REGENERATION SECTION 3/4 PIPING AND INSTRUMENT DIAGRAM					
DRAWING No.		PID-1718-114-0030-0112		REVISION 7	

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- NOTES**
- 1- OPERATOR SHOULD BE ABLE TO SWITCH FROM FUEL GAS TO FLARE DURING NORMAL OPERATION IN CASE OF SCRUBBER UPSET.
 - 2- VALVE WITH MECHANICAL LIMIT STOP (IN ORDER TO AVOID FULL CLOSURE OF VALVE)
 - 3- INSTRUMENT SHALL BE SELF-DRAINING
 - 4- ILL MUST BE DEFINED AT CHIMNEY TOP TOWER WILL BE OPERATED UNDER HLL/HIGH LIQUID LEVEL
 - 5- LI TO BE READABLE FROM GLOBE VALVE ON DEMINERALIZED WATER
 - 6- FOR CAUSTIC INVENTORY REMOVAL OPERATION
 - 7- DELETED
 - 8- NO STEAM OUT IS ALLOWED IF CAUSTIC SODA IS NOT PROPERLY REMOVED FROM SCRUBBER
 - 9- FOR HC PHASE DRAINING-SKIMMING
 - 10- FOR FILTER ARRANGEMENT REFER TO TABLE 'X' ON PID-1718-999-0000-0006
 - 11- STEAM TRAP
 - 12- ON LOW FLOW DUTY PUMP IS STOPPED AND STANDBY PUMP STARTED IF AFTER 30 SECONDS FLOW REMAINS LOW LOW PUMPS ARE TRIPPED
 - 13- DISTANCE TO BE MINIMIZED
 - 14- A RAMP SHALL BE INSTALLED ON THE AIR CIRCUIT FOR OPENING AND CLOSING POSITIONS CLOSE TO OPEN TO CLOSE IN 2 MINUTES APPROXIMATELY OPENING AND CLOSING TIME BE TUNABLE IN ORDER TO BE ADJUSTED ON SITE
 - 15- FIRE RESISTANT VALVE (ALL INSTRUMENTS, BOX PROTECTION, TUBING CABLES ETC. WILL BE SELECTED AND CLASSIFIED ACCORDING TO THE PROTECTION)
 - 16- DRIP LUGS FOR DETAIL A REFER TO PID-1718-186-0040-0001 . SST-0002 FOR SL-114-12109 & SST-0003 FOR SL-114-12108

- GENERAL NOTES**
- ALL INSTRUMENT TAGS TO READ:
LETTERS: NUMBER
1141 FFF NNNN
- HOLDS**
- 1- DELETED
 - 2- DELETED
 - 3- DELETED

THIS PID IS BASED ON DRAWING NO. 114-9D-133 SUPPLIED BY AXENS.

COLUMN	PUMPS	EXCHANGER
114-C-102	114-P-108AB	114-E-106
	114-P-109AB	

DR	CL	DC	SL	FBT	CL	DC	DS
PID-1718-186-0040-0005	PID-1718-186-0040-0001	PID-1718-186-0040-0005	PID-1718-186-0040-0001	PID-1718-186-0040-0005			

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5	030909	ISSUED FOR HAZOP	WP	SH	AS	RPS	RC
REV	DATE	DESCRIPTION	DRWG	PRPD	CHD	APRD	AUTH

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

PROJECT No: POGG-84-B1-044

DOC. CLASS: 1 SCALE: NA

WorleyParsons **IOO** **OBC** **IOCC**

UNIT 114: PROPANE TREATMENT AND DRYING
REGENERATION SECTION 444
PIPING AND INSTRUMENT DIAGRAM

DRAWING No. PID-1718-114-0030-0113 REVISION 7

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ITEM 114-E-107
SERVICE LEAN AMINE EVAPORATOR
TYPE BKU
DUTY/SURFACE 0.97MMW/52 m²
SHELL FV/5.5 barg
DESIGN PRESS. Min: Max: 2150 °C
DESIGN TEMP. Min: Max: 2170 °C
INSULATION H

ITEM 114-A-103
SERVICE VAPORIZED WATER CONDENSER
TYPE INDUCED DRAFT
DUTY/SURFACE 0.72MMW/31 m²
DESIGN PRESS. 5.5 barg
DESIGN TEMP. Min: Max: 2150 °C
INSTALLED POWER 11.0 KW

ITEM 114-D-109
SERVICE SOUR WATER SURGE DRUM
TYPE ID x TL TL
DESIGN PRESS. FV/5 barg
DESIGN TEMP. Min: Max: 285 °C
INSULATION N

ITEM 114-E-108
SERVICE LEAN AMINE COOLER
TYPE PLATE & FRAME
DUTY 0.233MMW
DESIGN PRESS. 15/5.5 barg
DESIGN TEMP. Min: Max: 285/150 °C
INSULATION

NOTES

1. FIRE RESISTANT VALVE (ALL INSTRUMENT BOX PROTECTION TUBING, CABLES, ETC. WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION)
2. 1. FLOW ALARM FOR LOW PERCENTAGE OPENING OF FV-0003.
3. DELETED.
4. CLEANING CONNECTION.
5. PRELIMINARY NUMBER OF 114-A-103 BAYS IS 1.
6. TWO PHASE FLOW.
7. TOP FLANGE OF PIPE ELEMENT TO BE INSTALLED AT 300 mm ABOVE 114-E-107 BUNDLE TOP T.L.
8. PSV SIZE AND NUMBERTO BE SPECIFIED LATER.
9. LOW LOW LEVEL TO BE AT 200mm ABOVE PIPE ELEMENT BOTTOM T.L.
10. CV OF VALVE RESTRICTED TO MITIGATE THE GAS BLOW BY CASE.
11. MINIMUM LINE LENGTH AND DIRECTION CHANGES IN THE LEAN AMINE LINE FROM 114-E-107 TO 114-P-111 A/B.
12. CONNECTION FOR CLEANING INLET.
13. HH IS ONLY ALARM.
14. REINFORCED ANCHORING TO AVOID DAMAGE OF PLATE HEAT EXCHANGER BY RECIPROCATING PUMP PULSATIONS.
15. MINIMUM DISTANCE BETWEEN BRANCH AND TT TO BE 10xID.
16. LAHH/LOH IS ALARM ONLY.
17. SPLIT CONTROL.
18. NUMBER OF AIR COOLER BAYS IS 1.

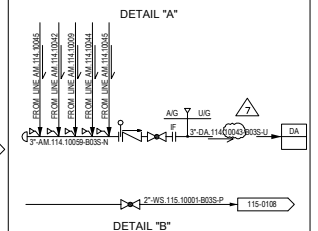
GENERAL NOTES

1. ALL CARBON STEEL VESSELS, EXCHANGERS AND PIPING IN LEAN AMINE SERVICE SHALL BE POST WELD HEAT TREATED.

HOLDS

1. DELETED.
2. DELETED.

DETAILS



EQUIPMENT LIST

DRUM	EXCHANGER
114-D-109	114-E-107
	114-E-108
	114-A-103

UTILITY PID NUMBER

DA	PID-1718-186-0040-0005	SL	PID-1718-186-0040-0001
N	PID-1718-186-0040-0002	CL	PID-1718-186-0040-0001
FBT	PID-1718-186-0040-0004	SW	PID-1718-186-0040-0003

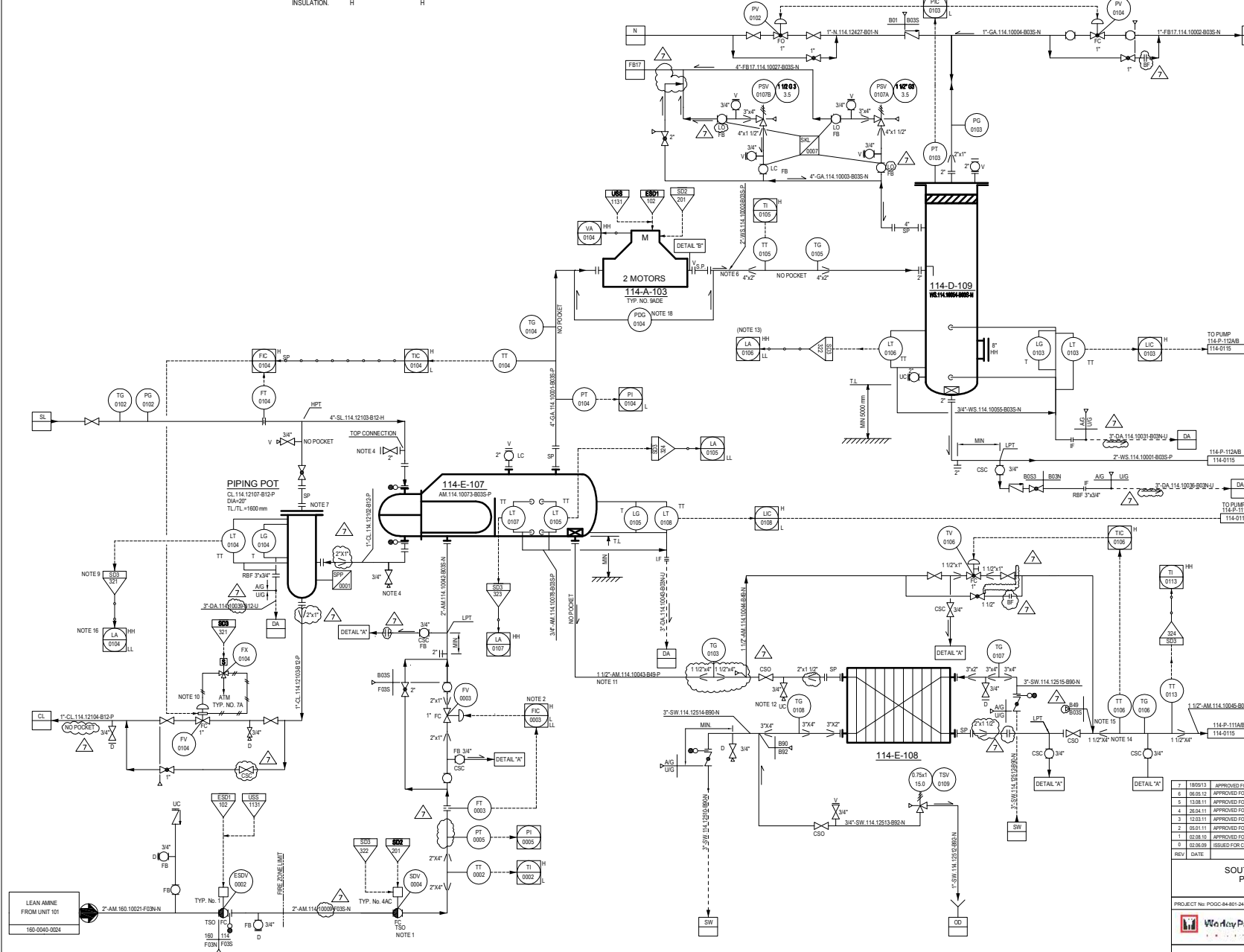
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4	25/04/11	APPROVED FOR CONSTRUCTION	DEC	SM	MA	MA	AMP
3	12/03/11	APPROVED FOR CONSTRUCTION	DEC	SD	MA	MA	AMP
2	05/01/11	APPROVED FOR CONSTRUCTION	DEC	MA	MA	MA	AMP
1	02/08/10	APPROVED FOR DESIGN	DEC	MA	MA	MA	AMP
0	02/08/09	ISSUED FOR COMMENT	DEC	MA	MA	MA	AMP
REV	DATE	DESCRIPTION	ORIGI	PRPD	CHD	APPD	AUTH

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

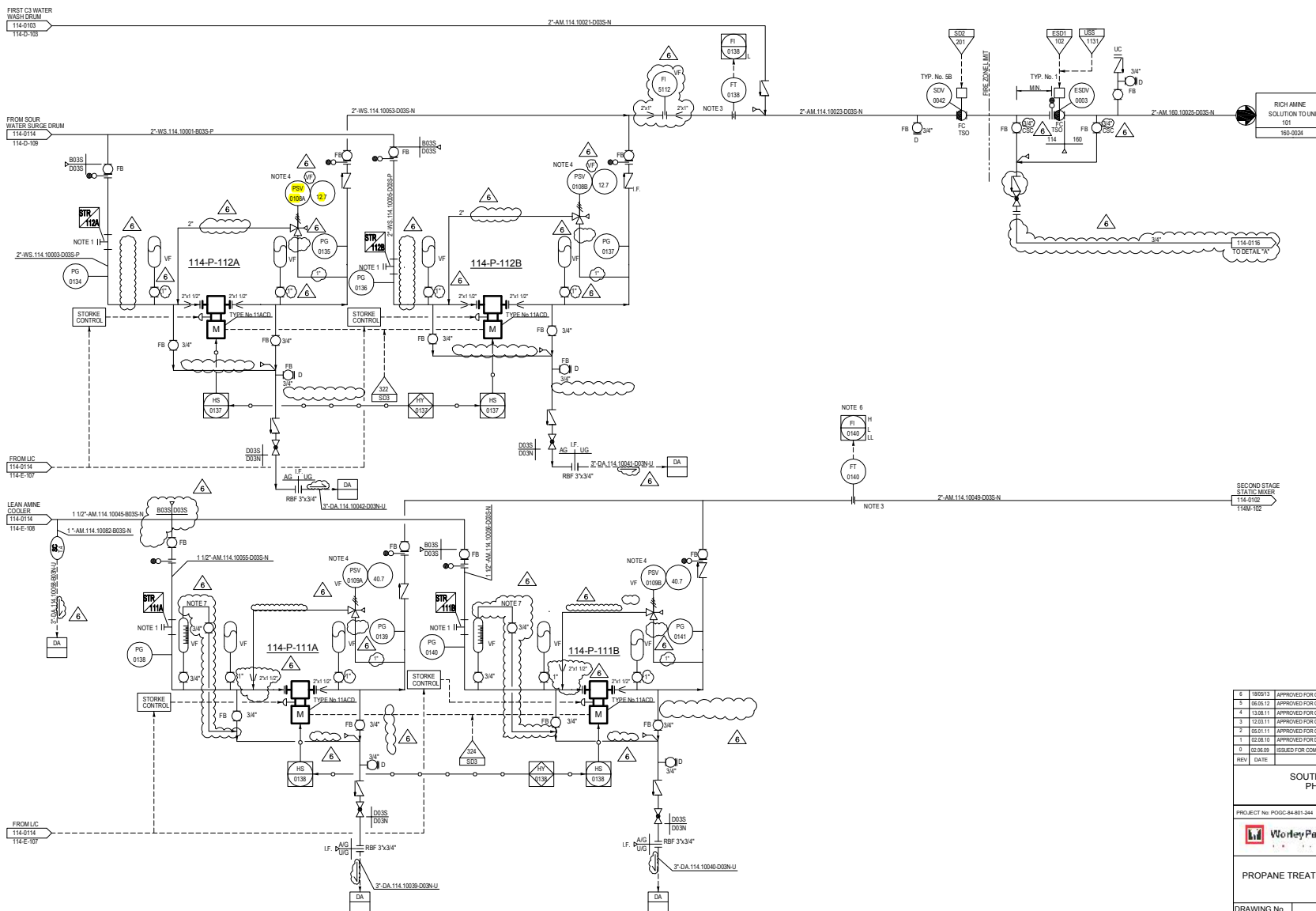
PROJECT NO: POCG-84-801-244	DOC. CLASS	1	SCALE	NA
WorleyParsons	IDRO	OIBC	IOBC	

UNIT 114:
PROPANE TREATMENT AND DRYING
AMINE CONCENTRATING PACK/GE(1/2)
PIPING AND INSTRUMENT DIA/GRAM

DRAWING No.	PID-1718-114-0030-0114	REVISION	7
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ITEM	114-P-111 AB	ITEM	114-P-112 AB
SERVICE	LEAN AMINE PUMP	SERVICE	SOUR WATER PUMP
TYPE	RECIPROCATING	TYPE	RECIPROCATING
CAPACITY	3.1m ³ /hr	CAPACITY	1.19m ³ /hr
DIFF PRESS	36.54 bar	DIFF PRESS	10.7 bar
ABSORBED POWER	6.9 kw	ABSORBED POWER	1.2 kw



- NOTES**
1. FOR FILTER INSTALLATION REFER TO TABLE 'A' PID-1718-999-0030-0006.
 2. DELETED.
 3. TO BE LOCATED FAR FROM PUMPS.
 4. PSV SETTING TO BE CONFIRMED DURING DETAILED DESIGN STAGE.
 5. REINFORCED ANCHORING TO AVOID DAMAGE OF PLATE HEAT EXCHANGER BY RECIPROCATING PUMP PULSATIONS.
 6. ON LOW LOW FLOW DUTY PUMP IS STOPPED AND STANDBY PUMP STARTED. IF AFTER 30 SECONDS FLOW REMAINS LOW LOW BOTH PUMPS ARE TRIPPED.
 7. VENT ISOLATION VALVE TO BE OPEN DURING USING CALIBRATION POT.

GENERAL NOTES

HOLDS

1. DELETED.
2. DELETED.
3. DELETED.

EQUIPMENT LIST

PUMPS			
114-P-111AB			
114-P-112AB			

UTILITY PID NUMBER

DA PID-1718-186-0040-0005

REV	DATE	DESCRIPTION	ORIGI	PRP'D	CH'D	APP'D	AUTH'D
6	180513	APPROVED FOR CONSTRUCTION	DEC	SD	SM	SM	RM
5	061012	APPROVED FOR CONSTRUCTION	DEC	SM	MMH	SM	RM
4	130811	APPROVED FOR CONSTRUCTION	DEC	SM	MA	MA	AAP
3	121011	APPROVED FOR CONSTRUCTION	DEC	SD	MA	MMH	AAP
2	051111	APPROVED FOR CONSTRUCTION	DEC	MUB	MA	MMH	AAP
1	021010	APPROVED FOR DESIGN	DEC	MUB	MA	MMH	AAP
0	020809	ISSUED FOR COMMENT	ORIGI	PRP'D	CH'D	APP'D	AUTH'D

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



PROJECT No: POGC-84-801-244



**PROPANE TREATMENT AND DRYING AMINE CONCENTRATING PACKAGE(2/2)
PIPING AND INSTRUMENT DIAGRAM**

DRAWING No.	PID-1718-114-0030-0115	REVISION	6
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ITEM 114-D-110
SERVICE AMINE SUMP DRUM
ID x TL TL 2700 mm x 7000 mm
DESIGN PRESS. 3.51 FV barg
DESIGN TEMP. Min: Max: 2/85 °C
INSULATION N

ITEM 114-P-113
SERVICE AMINE SUMP PUMP
TYPE CENTRIFUGAL
CAPACITY 25 m³/hr
DIFF. PRESS. 6.17 bar
ABSORBED POWER 9.2 KW

NOTES

- ONE UC CONNECTION IS USED TO FLUIDIZE THE BOTTOM WHILE THE OTHER IS USED FOR EMPTYING BY MOBILE SYSTEM.
- VALVE PIT.
- 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.
- HH IS ALARM FUNCTION ONLY.
- NO NEED FOR CLOSED DRAIN CONNECTION FOR TYPE 4A.

GENERAL NOTES

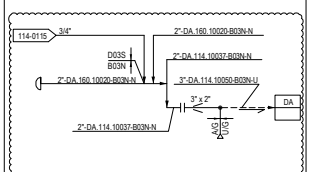
ALL INSTRUMENT TAGS TO READ:

LETTERS NUMBER
1141 FFF NNNN

HOLDS

- DELETED.
- DELETED.

DETAIL "A"



EQUIPMENT LIST

DRUM	PUMP
114-D-110	114-P-113

UTILITY PID NUMBER

SL	PID-1718-186-0040-0001
FS17	PID-1718-186-0040-0004
DA	PID-1718-186-0040-0005
FG	PID-1718-186-0040-0006

REV	DATE	DESCRIPTION	ORIG	PRPD	CHD	APPD	AUTH
6	1809/13	APPROVED FOR CONSTRUCTION	DEC	SD	SM	SM	SM
5	0609/12	APPROVED FOR CONSTRUCTION	DEC	SM	MMH	SM	SM
4	2006/11	APPROVED FOR CONSTRUCTION	DEC	SM	MA	MMF	AMP
3	0303/11	APPROVED FOR CONSTRUCTION	DEC	SD	MA	MMF	AMP
2	0605/11	APPROVED FOR CONSTRUCTION	DEC	SD	MA	MMF	AMP
1	0408/10	APPROVED FOR DESIGN	DEC	SD	MA	MMF	AMP
0	1109/09	ISSUED FOR COMMENT	DEC	SD	MA	MMF	AMP

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



PROJECT No: POGC-S4-801-244

REV	DATE	DESCRIPTION	ORIG	PRPD	CHD	APPD	AUTH
6	1809/13	APPROVED FOR CONSTRUCTION	DEC	SD	SM	SM	SM
5	0609/12	APPROVED FOR CONSTRUCTION	DEC	SM	MMH	SM	SM
4	2006/11	APPROVED FOR CONSTRUCTION	DEC	SM	MA	MMF	AMP
3	0303/11	APPROVED FOR CONSTRUCTION	DEC	SD	MA	MMF	AMP
2	0605/11	APPROVED FOR CONSTRUCTION	DEC	SD	MA	MMF	AMP
1	0408/10	APPROVED FOR DESIGN	DEC	SD	MA	MMF	AMP
0	1109/09	ISSUED FOR COMMENT	DEC	SD	MA	MMF	AMP

WorleyParsons	IDRO	OIEC	IOEC
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UNIT 114: PROPANE TREATMENT AND DRYING
AMINE SUMP DRUM
PIPING AND INSTRUMENT DIAGRAM

DRAWING No. PID-1718-114-0030-0116

REVISION 6

