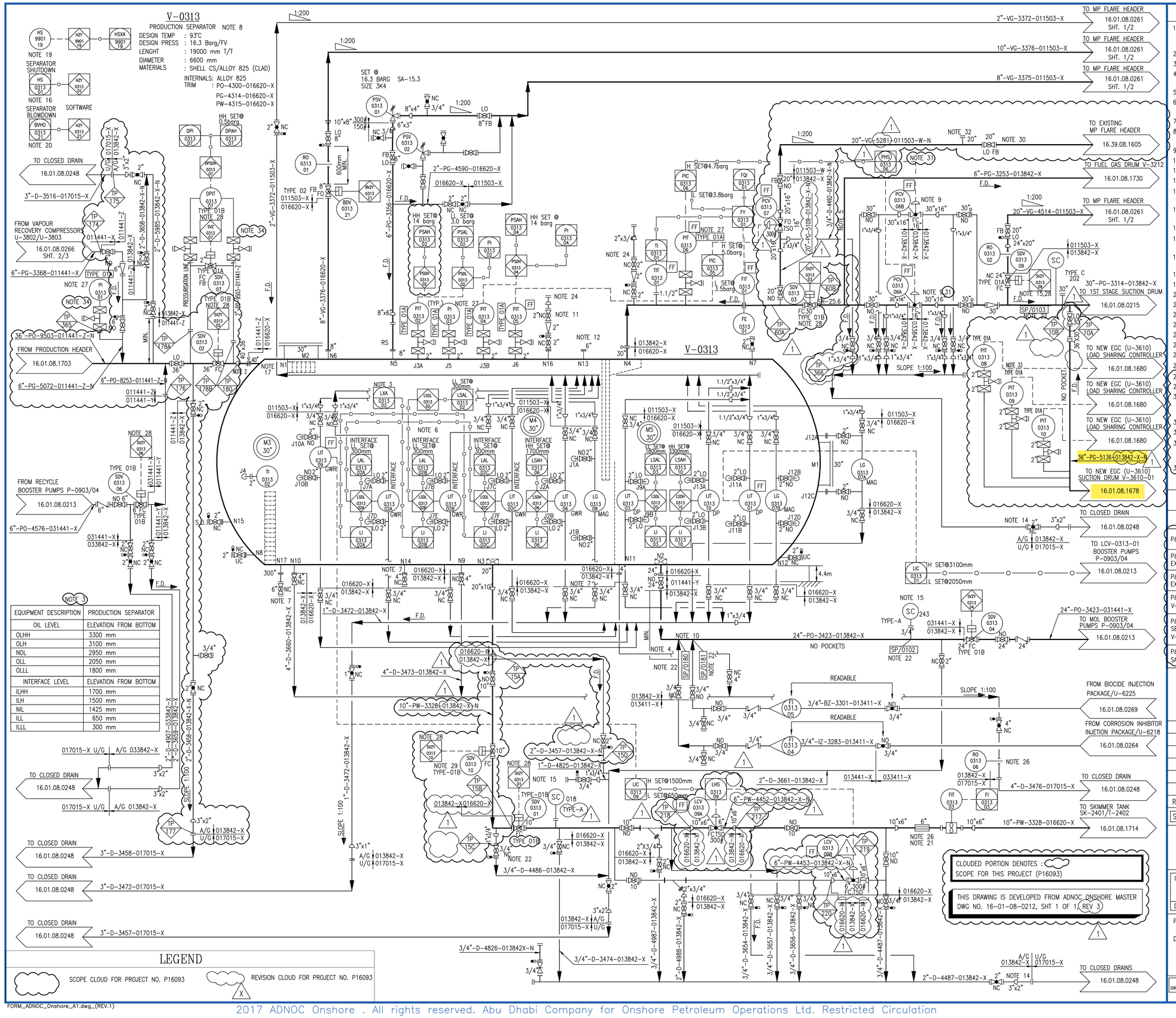

EQUIPMENT DESCRIPTION	PRODUCTION SEPARATOR
OIL LEVEL	ELEVATION FROM BOTTOM
OLHH	3300 mm
OLH	3100 mm
NOL	2950 mm
OLL	2050 mm
OLLL	1800 mm
INTERFACE LEVEL	ELEVATION FROM BOTTOM
ILHH	1700 mm
ILH	1500 mm
NIL	1425 mm
ILL	650 mm
ILLL	300 mm

LEGEND

SCOPE CLOUD FOR PROJECT NO. P16093

REVISION CLOUD FOR PROJECT NO. P16093

NOTES

1. ALL INSTRUMENT AND EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY THE AREA (16) AND PLANT AREA CODES (01) STATED FOR THIS DRAWING UNLESS SPECIFIED OTHERWISE.
2. LINE IS PROPERLY SUPPORTED DUE TWO PHASE FLOW.
3. LXA DEVIATION ALARM.
4. DETAILS OF CHEMICAL INJECTION NOZZLE IS SHOWN ON P&ID LEGEND SHEET (30.99.08.0121 SHT. 1/5)
5. TOP CONNECTION.
6. 2oo3 INTERFACE LOW LEVEL TRIP TO AVOID OIL CARRY OVER WITH WATER. (LEVEL 3)
7. FOR SLUDGE/SEDIMENT REMOVAL.
8. FOR SEPARATOR INTERNALS DETAILS SEE MECHANICAL DATA SHEET 16.01.34.0227 (P16062).
9. 20 D (PIPE DIAMETER) LENGTH OF PIPING IS ELECTRICALLY TRACED.
10. PROVIDE 10 DIAMETERS SPOOL LENGTH DOWNSTREAM INJECTION POINTS.
11. PURGE CONNECTION FOR STARTUP.
12. FOR TRACERCO PROFILER.
13. BRANCHES ARE CONNECTED TO THE TOP ON THE MAIN HEADER AND/OR SUBHEADER.
14. BRANCHES ARE ENTER DRAIN HEADER AND/OR SUBHEADER FROM ABOVE THE CENTER LINE.
15. REFER TO DWG. 30.99.08.0125 SHT 1 & 2/2 FOR STANDARD DETAILS.
16. SHUTDOWN COMMAND FROM DCS TO ESD TO TRIP SEPARATOR (SOFTWARE SIGNAL).
17. BENDS ARE NOT BE FITTED WITHIN TEN PIPE DIAMETERS OF THE INLET NOZZLE AS PER ARE DEP.
18. 90 MICRONS MESH SIZE.
19. FIELD REMOTE PUSH BUTTON FOR ESD-1 ACTIVATION.
20. PUSH BUTTON PROVIDED AT CDS CCR.
21. BY TURBINE FLOWMETER VENDOR.
22. REFER TO DOCUMENT 30.99.18.0134 FOR SPECIALITY ITEM DETAILS.
23. PROVISION FOR FUTURE GAS INJECTION & GAS LIFT COMPRESSOR.
24. FOR NITROGEN PURGE.
25. FLOWRATE THROUGH RESTRICTION ORIFICE 2,3 MBOPD.
26. TURBINE FLOWMETER UPSTREAM AND DOWNSTREAM DISTANCE IS MAINTAINED.
27. FOR DETAILS OF "TYPE 01A" REFER P&ID NO. 30.99.08.0121 SHT.3/5
28. FOR DETAILS OF "TYPE 01A/B" REFER P&ID NO. 30.99.08.1601
29. SDV-0313-10 INTRODUCED TO AVOID GAS BLOW BY SCENARIO TO PW TANKS.
30. MECHANICAL KEY INTERLOCK TO ENSURE FLARE LINE-UP TO ONLY ONE FLARE HEADER ONE TIME.POST 2028, THE EXISTING MP FLARE HEADER WILL NOT BE USED.
31. BOTH CONTROL VALVE (PCV-0313-06A/B) TO BE USED AS SPLIT RANGE.
32. FUTURE FLARE CONNECTION.
33. 2oo3 PT's SHOULD BE UTILIZED FOR LOAD SHARING OF EXISTING AND NEW GAS COMPRESSOR TRAIN AND THE SAME SHALL BE LOOSE SUPPLIED BY COMPRESSOR VENDOR.
34. EXISTING VALVES, INSTRUMENTS & ARRANGEMENT SHALL BE RE-USED

DRAWING REFERENCE

TITLE	DRG. No.
P&ID LEGEND	P16093.30.99.08.1601 SHT.1 TO 16
P&ID 1ST STAGE SUCTION DRUM : V-3610-01 EXPORT GAS COMPRESSOR CDS : SAHIL	P16093.16.01.08.1678
P&ID 1ST STAGE COMPRESSOR : K-3610-01 EXPORT GAS COMPRESSOR CDS : SAHIL	P16093.16.01.08.1680
P&ID PRODUCTION INLET HEADER : V-0311/0312/0313 CDS : SAHIL	P16093.16.01.08.1703
P&ID MP FLARE HEADER CDS : SAHIL (TIE-IN FROM SEPARATOR V-0313 & FUEL GAS SCRUBBER V-3211)	P16093.16.39.08.1605
P&ID PRODUCTION SEPARATOR : V-0313 CDS : SAHIL (DEMOLITION)	P16093.16.01.08.1761

REV.	DATE	DR'N.	CH'D.	AP'D.	DESCRIPTION
1	23/10/2024	SYK	ABS	SHA	ISSUED FOR CONSTRUCTION
E	01/08/2024	SYK	ABS	SHA	ISSUED FOR DESIGN
D	06/07/2024	SYK	ABS	SHA	RE-ISSUED FOR HAZOP
C	12/06/2024	SYK	ABS	SHA	ISSUED FOR HAZOP
B	04/04/2024	SYK	ABS	SHA	ISSUED FOR APPROVAL
A	22/03/2024	SYK	ABS	SHA	ISSUED FOR REVIEW

SCALE: N.T.S | LOCATION: SAHIL | PROJECT No. P16093

أدنوك البرية
ADNOC Onshore

CONSULTANT / CONTRACTOR / ~~VENDOR~~
REJLERS TARGET

DRAWING No.

PROJECT: EPC OF SAHIL PHASE 3 DEVELOPMENT PROJECT

DRG. TITLE:
PIPING AND INSTRUMENT DIAGRAM
PRODUCTION SEPARATOR : V-0313
CDS : SAHIL

DRG.No.	16	01	08	1707	1	1/1
	AREA	P/AREA	DOC. CODE	SERIAL No.	REV.	SHT OF SHT

P16093-16-01-08-1707-1.DWG

FORM_ADNOC_Onshore_A1.dwg_(REV.1)