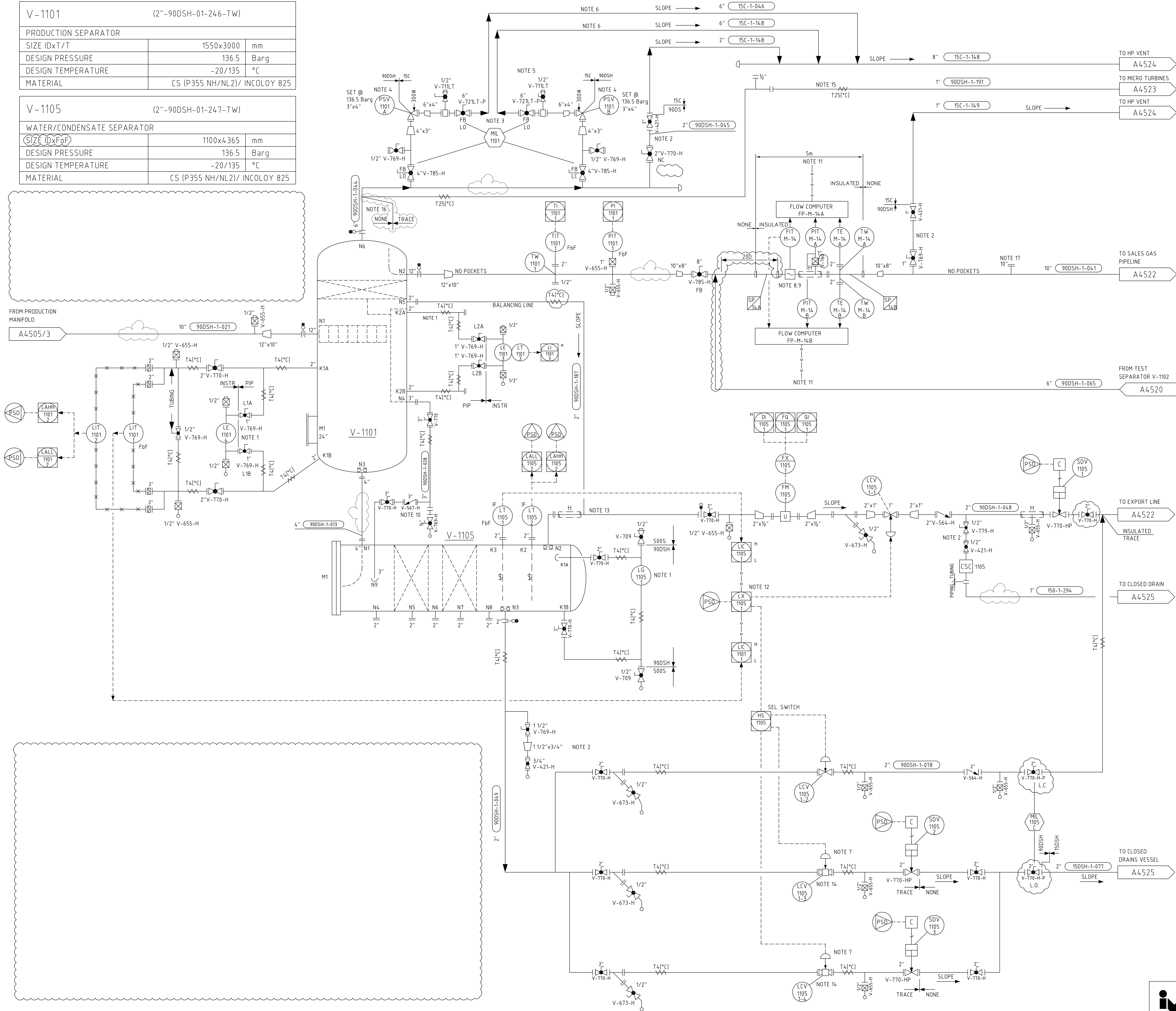


V-1101	(2"-90DSH-01-246-TW)
PRODUCTION SEPARATOR	
SIZE IDxT/T	1550x3000 mm
DESIGN PRESSURE	136.5 Barg
DESIGN TEMPERATURE	-20/135 °C
MATERIAL	CS (P355 NH/NL2)/ INCOLOY 825

V-1105	(2"-90DSH-01-247-TW)
WATER/CONDENSATE SEPARATOR	
SIZE IDxT/T	1100x4365 mm
DESIGN PRESSURE	136.5 Barg
DESIGN TEMPERATURE	-20/135 °C
MATERIAL	CS (P355 NH/NL2)/ INCOLOY 825



REFERENCE DRAWINGS	
DRAWING No.	DESCRIPTION
8850 / SHT. 1	PRODUCTION SEPARATOR V-1101
8852 / SHT. 1	WATER / CONDENSATE SEPARATOR V-1105

- NOTES:
- INSTRUMENT LINES, PIPING LEVEL GAUGES AND TRANSMITTER TO BE ELECTRICALLY TRACED AND INSULATED.
 - MINIMUM DISTANCE BETWEEN VALVES TO BE 500 mm.
 - RELIEF VALVES TO BE PROVIDED WITH MECHANICAL INTERLOCK DEVICE; DOWNSTREAM VALVES TO BE LOCKED OPEN.
 - PILOT LINES OF PSV'S TO BE ELECTRICAL TRACED AND INSULATED.
 - RELIEF VALVE DISCHARGE LINES TO SLOPE AWAY FROM VALVE. SIZE OF PSV-1101 IS BASED ON SINGLE WELL BLOWBY.
 - PSV-1101 TO BE AS CLOSE TO VENT HEADER (12"-15C-1-092) AS POSSIBLE TO MINIMIZE LENGTH.
 - LCV-1105-1-3/4 TO BE PROVIDED WITH REDUCED TRIM TO LIMIT BLOW BY CASE.
 - LEGS OF METER RUN AND TEMPERATURE FLANGES AND INSTRUMENT IMPULSE LINES TO BE HEAT TRACED AND INSULATED.
 - HORIZONTALLY MOUNTED.
 - LOW DIFFER. PRESS. V-567.
 - THE FOLLOWING DATA WILL BE TRANSFERRED SERIALLY TO DCS:
QI : FLOW RATE
FQ : FLOW COUNT
FQD : FLOW COUNT HOURLY UPDATE
FQDT : FLOW COUNT DAILY
FQPD : FLOW COUNT PREVIOUS DAY
FQPH : FLOW COUNT PREVIOUS HOUR
V1 : VELOCITY
 - CALCULATION BLOCK.
 - HIGHEST POINT.
 - MINIMUM DOWNSTREAM STRAIGHT LENGTH TO BE 1m.
 - LINE BETWEEN TAKE OFF AND Q-1482 PROVIDED WITH SELF-REGULATING HEAT TRACING DESIGNED TO PREVENT COOLING DOWN OF GAS FOR HOLDING TEMPERATURE 25°C. INSULATION THICKNESS TO BE 25mm.
 - TIE-IN ON TOP OF PIPING AND 8.25m AFTER OUTLET (N6) V-1101 PRODUCTION SEPARATOR TO ENSURE COOLING OF FUEL GAS FUTURE SUBSEA CONNECTION.

F	01/05/12	KVB	RE-ISSUED FOR AFC	JBE	WLI
B	15/08/11	-	ISSUE FOR HAZOP	JBE	MST
C	23/09/11	RHB	HAZOP COMMENT INCORP-AFD	JBE	WLI
D	04/11/11	KVB	AFD-UPDATED	JBE	WLI
E	24/02/12	KVB	ISSUED FOR AFC	JBE	WLI
REV:	DATE:	BY:	DESCRIPTION:	CHK'D:	APP'D:
GDF SUEZ E&P Nederland B.V.			SECTION NO: -		

GDF SUEZ	
PLATFORM:	L5a-D
TITLE:	P & I DIAGRAM PRODUCTION & WATER/CONDENSATE SEPARATOR V-1101 & V-1105

SCALE:	DRAWING No.:	SHEET No.:	SIZE:
NONE	A4516	0000	A1
JOB No.:	REV		
A3203			

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