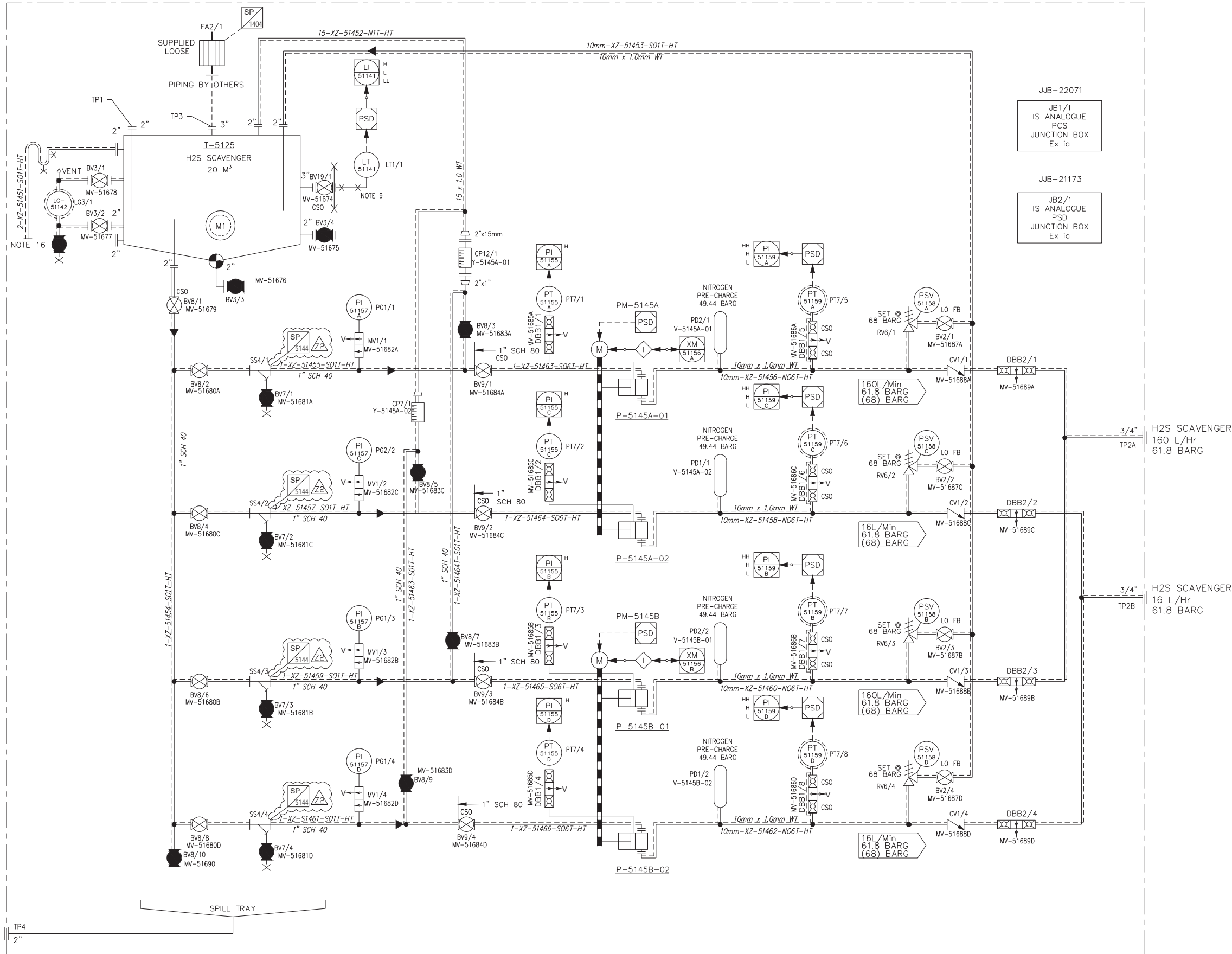


# PACKAGE : X-5104 GAS PRODUCTION

## H2S SCAVENGER PUMPS

P-5145-A 2.2kW  
P-5145-B 2.2kW



- SYMBOLS IN ACCORDANCE WITH LEGEND SHEETS 168397-100-PR-PI-0001-01, 0002-01, 0003-1 AND 0004-1.
- ALL PIPE TO BE SEAMLESS 316LSS. ALL TUBING TO BE HASTELLOY C276 ASTM B6-22.
- TUBE FITTINGS TO BE TWIN FERRULE COMPRESSION TYPE 'A-LOK', HASTELLOY C276.
- THREAD SEALANT : SWAK.
- FLUID : H2S SCAVENGER.
- ALL PRESSURES ARE OPERATING.
- ALL PUMPS TO BE FITTED WITH MANUAL STROKE ADJUSTMENT FROM 0-100% OF DOSING RATE.
- ALL DRAIN NOZZLES TO BE LOCATED FLUSH WITH TANK/VESSEL BOTTOM TO ENABLE COMPLETE EMPTYING OF TANK.
- DP CONNECTION 3" WITH CAPILLARY, CHEMICAL SEAL, SENSING LEVEL AT PUMP SUCTION AND FLUSHING RING c/w PLUGGED VENT & DRAIN.
- ALL TRANSMITTERS TO HAVE LOCAL READOUT.
- FLAME ARRESTOR TO BE SUPPLIED LOOSE FOR LOCATION IN PURCHASER PIPING.
- ALL VENTS AND BLEEDS MUST BE FITTED WITH PLUGS.
- INLET TO PSV TO RISE CONTINUOUSLY WITH NO POCKETS. OUTLET FROM PSV TO FALL CONTINUOUSLY TO TANK.
- FLAME ARRESTOR PIPING BY OTHERS.
- PUMP INTERNAL RELIEF VALVES SET AT 75 BARG.
- OVERFLOW DIRECTED TO SPILL TRAY.
- PUMP SUCTION AND DISCHARGE.  
-(16L/Hr) 1/2" ANSI 600RF FLANGE.  
-(160L/Hr) 3/4" ANSI 600 RF FLANGE.
- ALL VALVES MARKED CSO (CAR SEAL OPEN) OR CSC (CAR SEAL CLOSED) ARE TO BE LOCKABLE WITH THE MECHANISM SUPPLIED BY OTHERS
- ALL 10mm TUBING TO BE COLOUR CODED FLAME RED (RAL 3000) & FITTED WITH PERMANENT WARNING LABELS.
- ALL TRACE HEATING AND INSULATION BY OTHERS.
- TANK OPERATING & ALARM LEVELS RELATIVE TO TANK DRAIN VALVE (SHOWN AS DATUM POINT).

Y-TYPE STRAINER HAVE BEEN TAGGED AS SP-5144 TO DIFFERENTIATE FROM Y-TYPE STRAINERS INSTALLED ON THE WAX INHIBITOR PACKAGE (X-5101) UNDER GMOC389, WHICH NOW HAVE A DIFFERENT INTERNAL MESH SIZE.

### X-5104 TIE-IN SCHEDULE

TIE-IN No	TANK No	SIZE	RATING	FLANGE	SERVICE
TP1	-	2"	150#	RF	TANK INLET
TP3	-	3"	150#	RF	H2S SCAVENGER VENT
TP2A	-	3/4"	600#	RF	H2S SCAVENGER OUTLET
TP2B	-	3/4"	600#	RF	H2S SCAVENGER OUTLET
TP4	-	2"	150#	RF	SPILL TRAY

Nexen Petroleum (U.K.) Limited					
VENDOR : TYCO (AS-BUILT BY AMEC FW)					
EQUIPMENT TITLE : CHEMICAL INJECTION PACKAGE (GAS PRODUCTION) H2S SCAVENGER					
EQUIPMENT TAG NO(S) : X-5104					
Vendor Document Number					
Purchase Order No		Doc Type Seq. Code No		Rev.	DATE
168397 - 100 - PO - 3366 - MC2 - 031				Z2	20/09/21
SUPPLIER DOCUMENT REVIEW					
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Z2	20/09/2021	AS-BUILT AS PER GMOC0389	TPK	TF	JL
REV	DATE	DESCRIPTION	DRN	CHK	APP
					CLT

7	04/04/13	ISSUED AS-BUILT	KP	TC	SC
6	07/12/12	ISSUED AS-BUILT	LT	TC	AG
5	18/10/12	ISSUED AS-BUILT	PA	TC	AG
4	19/09/12	ISSUED AS-BUILT	PA	TC	SC
3	20/06/12	ISSUED FOR MANUFACTURE	PA	TC	AG
2	30/04/12	ISSUED FOR MANUFACTURE	PA	TC	AG
1	19/03/12	ISSUED FOR MANUFACTURE	PA	TC	AG
A	27/02/12	ISSUED FOR APPROVAL	JF	TC	AG
Rev	Date	Description	Orig	Ckd	App

8	12/03/13	RE-ISSUED AS-BUILT (CS.017)		CP	
Rev	Date	Description	Orig	Ckd	App

IF IN DOUBT ASK		DO NOT SCALE	
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Drawing Title: P&ID DIAGRAM - H2S SCAVENGER PACKAGE X-5104 GAS PRODUCTION		Contract No: WN440010	
Drg No: 440010/341		Rev: 8	