

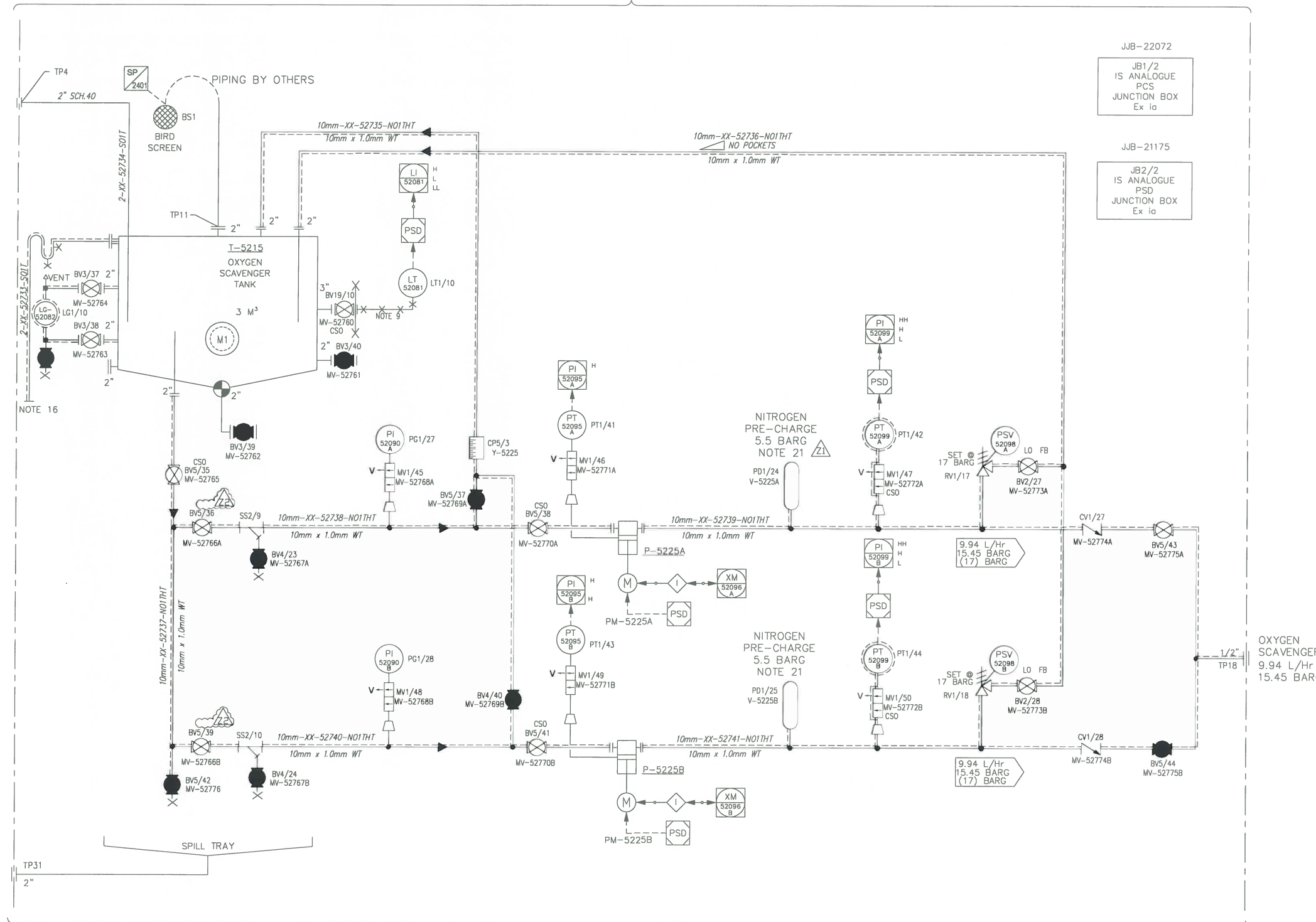
# PACKAGE: X-5201 WATER INJECTION

## OXYGEN SCAVENGER PUMPS

P-5225A - 0.37kW

P-5225B - 0.37kW

CONTINUED ON DRG. No. 440010/323



CONTINUED ON DRG. No. 440010/325

1. SYMBOLOGY IN ACCORDANCE WITH LEGEND SHEETS 168397-100-PR-PI-0001-01, 0002-01, 0003-1 AND 0004-1.
2. ALL PIPE TO BE SEAMLESS 316LSS. ALL TUBING TO BE HASTELLOY C276 ASTM B6-22.
3. TUBE FITTINGS TO BE TWIN FERRULE COMPRESSION TYPE 'A-LOK', HASTELLOY C276.
4. THREAD SEALANT: SWAK TAPE.
5. FLUID: OXYGEN SCAVENGER.
6. ALL PRESSURES ARE OPERATING.
7. ALL PUMPS TO BE FITTED WITH MANUAL STROKE ADJUSTMENT FROM 0-100% OF DOSING RATE.
8. ALL DRAIN NOZZLES TO BE LOCATED FLUSH WITH TANK/VESSEL BOTTOM TO ENABLE COMPLETE EMPTYING OF TANK.
9. DP CONNECTION 3" WITH CAPILLARY CHEMICAL SEAL SENSING LEVEL AT PUMP SUCTION AND FLUSHING RING. C/W PLUGGED VENT & DRAIN.
10. ALL TRANSMITTERS TO HAVE LOCAL READOUT.
11. BIRD SCREEN TO BE SUPPLIED LOOSE FOR LOCATION IN PURCHASER PIPING.
12. ALL VENTS AND BLEEDS MUST BE FITTED WITH PLUGS.
13. INLET TO PSV TO RISE CONTINUOUSLY WITH NO POCKETS. OUTLET FROM PSV TO FALL CONTINUOUSLY TO TANK.
14. BIRD SCREEN PIPING BY OTHERS.
15. PUMP INTERNAL RELIEF VALVES SET AT 19 BARG.
16. OVERFLOW DIRECTED TO SPILL TRAY.
17. PUMP SUCTION AND DISCHARGE 1" ANSI 150 RF.
18. ALL CSO (CAR SEAL OPEN) AND CSC (CAR SEAL CLOSED) VALVES LOCKING MECHANISM IS TO BE SUPPLIED BY OTHERS.
19. ALL TRACE HEATING & INSULATION BY OTHERS.
20. TANK OPERATING & ALARM LEVELS RELATIVE TO TANK DRAIN VALVE (SHOWN AS DATUM POINT).  
LL: 793mm L: 1000mm H: 2850mm BRIM: 3000mm.
21. PULSATION DAMPER PRE-CHARGE SET @ 70-80% OF OPERATING PRESSURE.

### X-5201 TIE-IN SCHEDULE

TIE-IN No	TANK No	SIZE	RATING	FLANGE	SERVICE
TP4	-	2"	150#	RF	DECANTING PLATFORM INLET
TP11	-	2"	150#	RF	OXYGEN SCAVENGER VENT
TP18	-	1/2"	150#	RF	OXYGEN SCAVENGER OUTLET
TP31	-	2"	150#	RF	SPILL TRAY

Nexen Petroleum (U.K.) Limited					
VENDOR: TYCO (AS-BUILT BY AMEC FW)					
EQUIPMENT TITLE: CHEMICAL INJECTION PACKAGE (WATER INJECTION) - OXYGEN SCAVENGER					
EQUIPMENT TAG NO(S): X-5201					
Vendor Document Number					
Purchase Order Number	Doc Type	Seq. No	Rev.	DATE	
168397-100-PO-3366	MC2	014	Z2	24/05/12	
SUPPLIER DOCUMENT REVIEW					
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Accepted With Comments (Assai Code - AWC) - Generally acceptable but elements require to be addressed. Document shall be revised by Supplier to incorporate the necessary changes and subsequently re-submitted.					
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Z2	24/05/12	AS BUILT AS PER GIC0036			
REV	DATE	DESCRIPTION	DRN	CHK	APP

4	12/03/13	RE-ISSUED AS-BUILT (CS.017)	CP	DB	TC
3	12/09/12	ISSUED AS-BUILT	PA	TC	AG
2	11/07/12	ISSUED FOR MANUFACTURE	PA	TC	AG
1	30/04/12	ISSUED FOR MANUFACTURE	PA	TC	AG
A	27/02/12	ISSUED FOR APPROVAL	PA	TC	AG
Rev	Date	Description	Orig	Ckd	App

Rev	Date	Description	Orig	Ckd	App
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Rev	Date	Description	Orig	Ckd	App
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IF IN DOUBT ASK		Orig	Sig	Date	tyco Fire & Integrated Solutions	Oil & Gas Barnard Road, Bowthorpe, Norwich, Norfolk NR5 9JB England	Tel: +44 (0) 1603 20120 www.tycofis.com	
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		App	TC	01/02/12				
			AG	01/02/12				
DO NOT SCALE		Project			NEXEN PETROLEUM UK LTD GOLDEN EAGLE AREA DEVELOPMENT CHEMICAL INJECTION PACKAGE		Contract No. WN440010	
		Drawing Title			P&ID DIAGRAM - OXYGEN SCAVENGER PACKAGE X-5201 WATER INJECTION		Drg No 440011/324	Rev 4