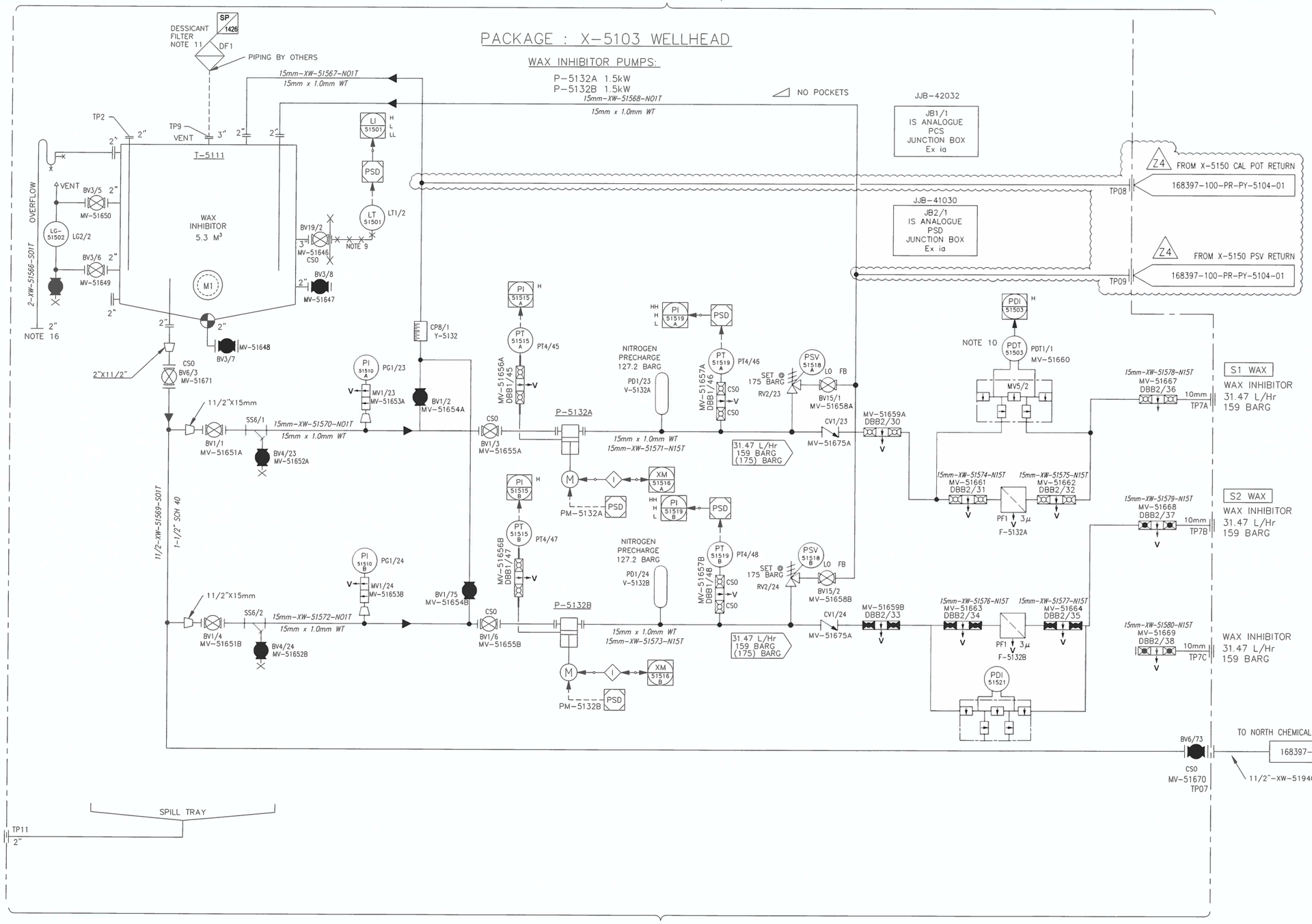
CONTINUED FROM DRG. No. 440010/334



CONTINUED ON DRG. No. 440010/336

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 ASTMB6-22.
3. TUBE FITTINGS TO BE TWIN FERRULE COMPRESSION TYPE 'A-LOK', HASTELLOY C276.
4. THREAD SEALANT : SWAK.
5. FLUID : WAX INHIBITOR.
6. ALL PRESSURES ARE OPERATING.
7. ALL PUMPS TO BE FITTED WITH MANUAL STROKE ADJUSTMENT FROM 0-100% OF DESIGN 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. DESSICANT FILTER 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. DESICCANT FILTER PIPING BY OTHERS.
15. PUMP INTERNAL RELIEF VALVES SET AT 193 BARG.
16. OVERFLOW DIRECTED TO SPILL TRAY.
17. PUMP SUCTION AND DISCHARGE ½" ANSI 1500 RTJ.
18. ALL 15mm TUBING & FITTING TO BE COLOUR CODED FLAME RED (RAL 3000) & FITTED WITH PERMANENT WARNING LABELS.
19. ALL VALVES MARKED CSO (CAR SEAL OPEN) OR CSC (CAR SEAL CLOSED) ARE TO BE LOCKABLE WITH THE MECHANISM SUPPLIED BY OTHERS.
20. ALL CONNECTIONS IN WAX INHIBITOR LINES SHOWN AS HAVING CLASS N15T SHALL BE PROVIDED WITH SECONDARY MIST CONTAINMENT E.G. FLANGE GUARDS (BY OTHERS).
21. TANK OPERATING & ALARM LEVELS RELATIVE TO TANK DRAIN VALVE (SHOWN AS DATUM POINT). LL: 702mm L: 890mm H: 2565mm BRIM: 2715mm.

X-5103 TIE-IN SCHEDULE

TIE-IN No	TANK No	SIZE	RATING	FLANGE	SERVICE
TP2	–	2"	150#	RF	WAX INHIBITOR SUPPLY
TP7A-C	–	10"	150#	RF	WAX INHIBITOR OUTLET
TP9	–	3"	150#	RF	WAX INHIBITOR VENT
TP11	–	2"	150#	RF	SPILL TRAY

Nexen Petroleum (U.K.) Limited

VENDOR : TYCO (AS-BUILT BY AMEC FW)

EQUIPMENT TITLE : CHEMICAL INJECTION PACKAGE (WELL HEAD) WAX INHIBITOR

EQUIPMENT TAG NO(S) : X-5103

Vendor Document Number

Purchase Order No	Doc Type Code	Seq. No	Rev.	DATE
168397 – 100 – PO – 3366 – MC2 – 025			Z4	31/01/23

SUPPLIER DOCUMENT REVIEW

- Rejected (Assai Code – REJ) – Quality and content is out of conformity with Company requirements. Document shall be revised by Supplier to incorporate the necessary changes and subsequently re-submitted.
- 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.
- Accepted As Final (Assai Code – FIN) – Documents are considered acceptable, do not re-submit.
- Accepted For Information (Assai Code – AFI) – No further action required, do not re-submit.

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REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
Z4	31/01/23	AS-BUILT FOR GIC0119	SD	TF	TF	

Rev	Date	Description	Orig	Ckd	App
6	19/07/13	RE-ISSUED AS-BUILT (CS.019)	CP		
5	12/03/13	RE-ISSUED AS-BUILT (CS.017)	CP	DB	TC
4	19/09/12	ISSUED AS-BUILT	PA	TC	AG
3	11/07/12	ISSUED FOR APPROVAL	PA	TC	AG
2	30/04/12	ISSUED FOR APPROVAL	PA	TC	AG
1	19/03/12	ISSUED FOR APPROVAL	PA	TC	AG
A	23/2/12	ISSUED FOR APPROVAL	PA	TC	AG

IF IN DOUBT ASK

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DO NOT SCALE

	Sig	Date
Orig	JF	03/02/12
Chd	TC	03/02/12
App	AG	03/02/12

tyco Fire & Integrated Solutions

Oil & Gas
Barnard Road, Bowthorpe, Norwich, Norfolk NR5 9JB England
Tel: +44 (0) 1603 20120
www.tycofis.com

Project: NEXEN PETROLEUM UK LTD GOLDEN EAGLE AREA DEVELOPMENT CHEMICAL INJECTION PACKAGE

Drawing Title: P&I DIAGRAM – WAX INHIBITOR PACKAGE X-5103 WELLHEAD

Contract No. WN440010

Drg No. 440010/335

Rev 6