

CONTINUED FROM DRG. No. 440010/333

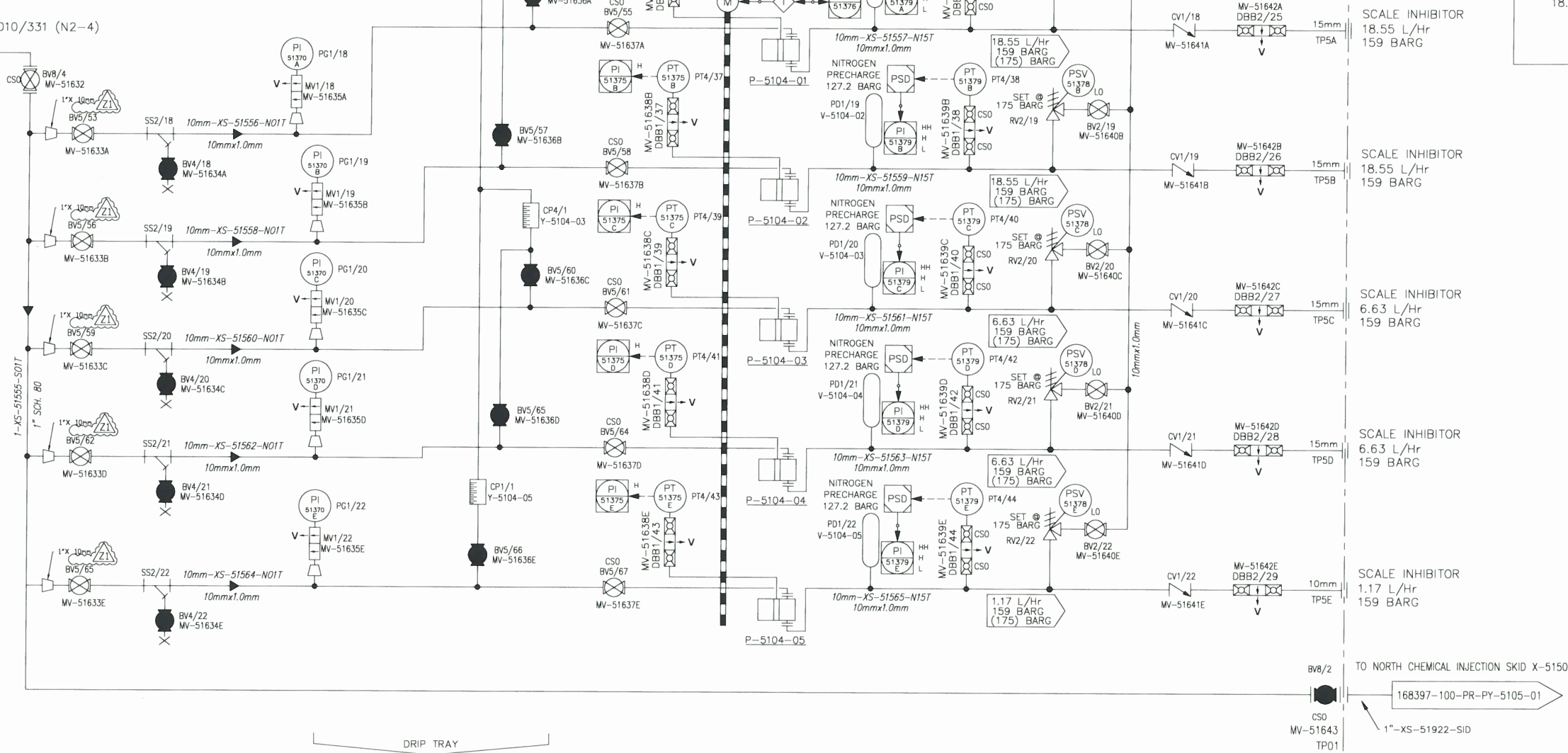
PACKAGE : X-5103 WELLHEAD

SCALE INHIBITOR PUMPS
P-5104-01
P-5104-02
P-5104-03
P-5104-04
P-5104-05
0.37kW

TO DRG No. 440010/331 (N8-3)
MC2-021

TO DRG No. 440010/331 (N11)
MC2-021

FROM DRG No. 440010/331 (N2-4)
MC2-021



JJB-42032

JB1/3
IS ANALOGUE
PCS
JUNCTION BOX
Ex ia

JJB-41030

JB2/3
IS ANALOGUE
PSD
JUNCTION BOX
Ex ia

SCALE INHIBITOR
18.55 L/Hr
159 BARG

SCALE INHIBITOR
18.55 L/Hr
159 BARG

SCALE INHIBITOR
6.63 L/Hr
159 BARG

SCALE INHIBITOR
6.63 L/Hr
159 BARG

SCALE INHIBITOR
1.17 L/Hr
159 BARG

TO NORTH CHEMICAL INJECTION SKID X-5150

1"-XS-51922-SID

CONTINUED ON DRG. No. 440010-335

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.
5. FLUID : SCALE INHIBITOR.
6. ALL PRESSURES ARE OPERATING.
7. ALL PUMPS TO BE FITTED WITH MANUAL STROKE ADJUSTMENT FROM 0-100% OF DESIGN DOSING RATE.
8. DELETED.
9. ALL TRANSMITTERS TO HAVE LOCAL READOUT.
10. DELETED.
11. ALL VENTS AND BLEEDS MUST BE FITTED WITH PLUGS.
12. INLET TO PSV TO RISE CONTINUOUSLY WITH NO POCKETS. OUTLET FROM PSV TO FALL CONTINUOUSLY TO TANK.
13. DELETED.
14. PUMP INTERNAL RELIEF VALVES SET AT 193 BARG.
15. DELETED.
16. PUMP SUCTION AND DISCHARGE 1/2" ANSI 1500 RTJ.
17. ALL VALVES MARKED CSO (CAR SEAL OPEN) OR CSC (CAR SEAL CLOSED) ARE TO BE LOCKABLE WITH THE MECHANISM SUPPLIED BY OTHERS.
18. ALL 10mm TUBING TO BE COLOUR CODED FLAME RED (RAL 3000) & FITTED WITH PERMANENT WARNING LABELS.

Nexen Petroleum (U.K.) Limited			
VENDOR : TYCO (AS-BUILT BY AMEC FW)			
EQUIPMENT TITLE : CHEMICAL INJECTION PACKAGE (WELL HEAD) SCALE INHIBITOR			
EQUIPMENT TAG NO(S) : X-5103			
Vendor Document Number			
Purchase Order No.	Doc Type Seq. Code No.	Rev.	DATE
168397 - 100 - PO - 3366 - MC2 - 024		Z1	24/07/12
SUPPLIER DOCUMENT REVIEW			
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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.			
Review of Vendor documents does not relieve Vendor of the responsibility for correctness under the Purchase Order. Permission to proceed does not constitute acceptance of design, detail and calculations, test methods or materials developed or selected by the Vendor and does not relieve the Vendor from full compliance with the Purchase Order or any other obligations, not detract from any of the Purchaser's rights.			
Z1	24/07/12	AS-BUILT AS PER GIC0036	www.tycofs.com
REV	DATE	DESCRIPTION	DRN CHK APP CLT

5 12/03/13 RE-ISSUED AS-BUILT (CS.017)

4 19/09/12 ISSUED AS-BUILT

3 11/07/12 ISSUED FOR MANUFACTURE

2 30/04/12 ISSUED FOR MANUFACTURE

1 19/03/12 ISSUED FOR MANUFACTURE

A 03/02/12 ISSUED FOR APPROVAL

Rev Date Description Orig Ckd App

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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 30/07/12

Project

Drawing Title

P&ID DIAGRAM - SCALE INHIBITOR PACKAGE X-5103 WELLHEAD

Org No

440010/334

Rev 5

tyco Fire & Integrated Solutions

Oil & Gas
Barnard Road, Bowthorpe, Norfolk
NR5 9JB England

Contract No.

WN440010

Org No

440010/334

Rev 5