



NOTES

1. TUBING IS TITANIUM. THIS INLET LINE, FEEDS THE ANALYSING CABINET DURING MAINTENANCE WASH / RINSING SEQUENCE TO CONFIRM THAT NO HYPOCHLORITE IS SENT FORWARD TO THE MAIN LINE.
2. TUBING IS TITANIUM. DURING NORMAL OPERATION, SEAWATER IS FEEDING THE INSTRUMENTS LINE TO SECURE A CONTINUOUS WATER FLOW TO THE ANALYSING CABINET AT ANY TIME. THIS PROVIDES AN ALTERNATIVE MEANS OF VERIFYING THE ORP MEASUREMENT FOR UP PERMEATE.
3. TUBING IS TITANIUM. UF PERMEATE IS FEEDING THE ANALYSING CABINET ON A CONTINUOUS MODE. THE TWO ORP METERS WILL PROVIDE CONTINUOUS REDUNDANCY TO INDICATE IF THERE IS FREE CHLORINE IN THE SEAWATER PRIOR TO FEED THE SRP BOOSTER PUMPS. THE OTHER ORP AT-42296 IS ALSO ANALYSING THE SAME SEAWATER AND PROVIDES A VERIFICATION THAT AT-42137/42138 ARE OPERATING CORRECTLY.
4. SAMPLE VALVES LOCATED INSIDE THE ANALYSING CABINET, TUNDSH OPEN END WITHIN REACH OF NEEDLE VALVES AND OPEN TUBING FOR SAMPLE FLOW.
5. REFERENCE TO P&ID LEGEND 168397-100-PR-PI-0001-01 TO 0012-01.
6. DELETED.
7. TUBING IS TITANIUM THIS STREAM IS FROM THE CIP RETURN HEADER. DURING CIP SEQUENCE, THE ANALYSING INSTRUMENTS HAVE OTHER DUTY, AS PH MEASUREMENT IS ALSO USED TO ANALYSE THE CLEANING FLUID.
8. ALL INTERFACES TUBING ARE NPTF FROM THE CABINET

SIEMENS DRW: 51PO-03733.410-H-009				SIEMENS REV: 10			
10	24.04.2015	AS-BUILT		VM	MM	MM	CB
09	08.07.2013	AS-BUILT		VM	DC	MM	CB
08	13.12.2012	RE-ISSUED FOR CONSTRUCTION		VM	DC	MM	CB
07	31.08.2012	RE-ISSUED FOR CONSTRUCTION		VM	DC	MM	CB
06	04.07.2012	ISSUED FOR CONSTRUCTION		VM	DC	MM	CB
05	19.04.2012	ISSUED FOR APPROVAL		VM	DC	MM	CB
REV	DATE	DESCRIPTION		DRN	CHK	APP	CLT
Nexen Petroleum (U.K.) Limited Golden Eagle Area Development VENDOR : SIEMENS							
EQUIPMENT TITLE: PIPING & INSTRUMENT DIAGRAM (P&ID) ANALYZER CABINET (JX-4206)							
EQUIPMENT TAG NO(S) :							
GEAD Vendor Document Number							
Purchase Order Number		Doc Type Seq. No.		Rev.	DATE		
168397-200-PO-3363		MC2 - 009		11	24.04.15		
INCLUDES DOCUMENT CODES :				TOTAL SHEETS : 1			
F Final (accepted) - manufacturing may proceed.							
A Qualified Release - revise and re-submit. Manufacturing may proceed subject to incorporation of comments.							
R Rejected - revise and re-submit. Manufacturing may not proceed.							
I Accepted for information only.							
✓							
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, nor detract from any of the Purchaser's rights.							
Engineer : WARR-MEHLER				Date: 24.04.2015			

GAT 18/5/15