



| NOTES | | | | |
|--|---|----------------------------|--------------------|--------------------|
| 1. | PIPING TO BE INSTALLED WITH HIGH POINT VENT AND LOW POINT DRAIN. PIPING TO HAVE NO STAGNANT REGIONS OR DEAD LEGS. | | | |
| 2. | DETAILS FOR SINGLE UF UNIT REF. ACCOMPANYING P&ID 168397-200-PO-3363 MC2 003 SHEETS 1, 2, 5, 8 | | | |
| 3. | ORP AND PH INSTRUMENT FOR CONTROL OF CIP PROCEDURE | | | |
| 4. | ORP USED FOR CHLORINE DETECTION | | | |
| 5. | PH METER FOR CIP UF. | | | |
| 6. | VENT LINE ROUTED AWAY FROM PERSONNEL | | | |
| 7. | DELETED. | | | |
| 8. | HEATED CABINET FOR INSTRUMENTS. | | | |
| 9. | SEAWATER FOR CONTINUOUS FLUSHING OF INSTRUMENT TUBING WHILE CIP PROCESS IS NOT RUNNING | | | |
| 10. | DELETED. | | | |
| 11. | DELETED. | | | |
| 12. | CIP INTERCONNECTING LINE TO BE SLOPED INTO THE UF PACKAGE LINE. | | | |
| 13. | DELETED. | | | |
| 14. | DELETED. | | | |
| 15. | ALL ON/OFF VALVES PROVIDED WITH LIMIT SWITCHES. | | | |
| 16. | INJECTION POINT INCLUDES QUILL. | | | |
| 17. | SAMPLE TAKE-OFF INCLUDES QUILL. | | | |
| 18. | DELETED. | | | |
| 19. | DELETED. | | | |
| 20. | THERMOWELL SHOULD HAVE BEEN 1 1/2", 300# RATED BUT IS 2" | | | |
| 21. | SAMPLE POINTS OF CLEANING FLUID AND UF PERMEATE AT THE ANALYZING CABINET. REF 168397-200-PO-3363 - MC2-008 | | | |
| 22. | 6 mm WEEP HOLE DRILLED AT LOWEST POINT DOWNSTREAM PSV. | | | |
| 23. | 1" PIPING TO RESTRICT FLOW RATE FROM NEXEN PLANT AIR SYSTEM. | | | |
| 24. | REFERENCE TO P&ID LEGEND 168397-100-PR-PI-0001-01 TO 0012-01. | | | |
| 25. | ALL MANUAL VALVES CAN BE LOCKED WITH PAD LOCK OR CAR SEAL. | | | |
| 26. | PLANT AIR TAKEN FROM PLATFORM. | | | |
| 27. | TITANIUM TUBING GRADE 2 (TG2) | | | |
| 28. | REFER TO MC2-012 FOR DETAILS. | | | |
| 29. | DELETED. | | | |
| 30. | SHIPPED AS LOOSE ITEM AND INSTALLED AT NEXEN TP SIDE OF TP 18 | | | |
| 31. | IMPORTANT SPECTACLE BLIND SHALL ALWAYS BE OPEN | | | |
| 32. | TI-41043 VALUE FEEDS BACK TO THE ALARM AND TRIP FUNCTIONS ON PT-42186A/B, PDT-42189A/B AND PDT-42093A/B | | | |
| Z3 | | | | |
| TI-EIN | SIZE | TYPE | RATING | SERVICE |
| TP1 | 12 | RF | SCHEDULE 10S, #150 | SEAWATER |
| TP4 | 1" | RF | SCHEDULE 80S, #150 | CHLORINE SCAVENGER |
| TP18 | 2" | RF | SCHEDULE 10S, #150 | PLANT AIR |
| SIEMENS DRW: 51PO-03733.410-H-002 | | | | |
| SIEMENS REV: 10 | | | | |
| 10 | 09.07.2013 | AS-BUILT | | VM DC MM CB |
| 09 | 07.11.2012 | RE-ISSUED FOR CONSTRUCTION | | VM DC MM CB |
| 08 | 22.08.2012 | RE-ISSUED FOR CONSTRUCTION | | VM DC MM CB |
| Z3 | 26/1/14 | AS-BUILT FOR GIC0076 | | LM SB SB TR |
| Z2 | 25.10.2017 | AS-BUILT FOR GMOC0096 | | LM SB SB TR |
| Z1 | 26.10.2016 | AD-HOC AS-BUILT | | LM AH AH RA |
| REV | DATE | DESCRIPTION | DRN | CHK APP CLT |
| CNOOC Limited Golden Eagle Area Development | | | | |
| VENDOR : SIEMENS | | | | |
| EQUIPMENT TITLE: PIPING & INSTRUMENT DIAGRAM (P&ID) ULTRAFILTRATION HEADER | | | | |
| EQUIPMENT TAG NO(S) : F-4202A/B/E/F | | | | |
| GEAD Vendor Document Number | | | | |
| Purchase Order Number | Doc Type | Seq. No | Sh. No | Rev. |
| 168397-200-PO-3363 - MC2 - 002 - 01 | | | | Z3 |
| TOTAL SHEETS : 1 OF 2 | | | | |
| INCLUDES DOCUMENT CODES : | | | | |
| 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 : | | | | |