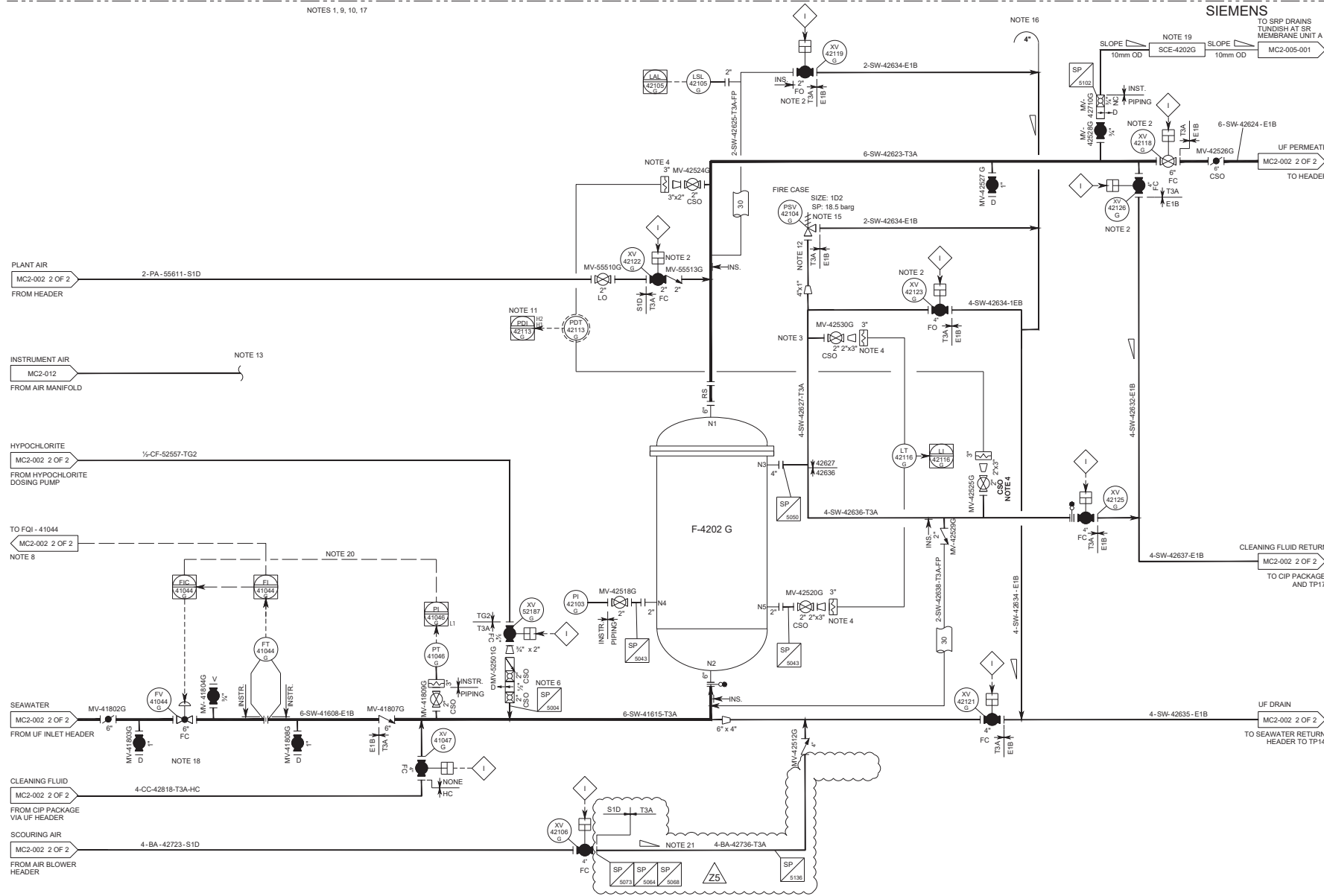


TAG NO	F-4202G
DESCRIPTION	ULTRA FILTRATION MEMBRANE UNIT VESSEL 1x29% (1 OF 7)
MEDIUM	SEA WATER
CAPACITY (EACH)	180
FILTER PERFORMANCE μ	0.1
OPERATING TEMPERATURE $^{\circ}$C	9-30
OPERATING PRESSURE	2-8
DESIGN TEMPERATURE $^{\circ}$C	-7.6 / 55
DESIGN PRESSURE	17g / 18.5
DIMENSION EXIT	1310 / 1176 (mm/mm)
WEIGHT DRY/OPERATING/FLOODED	2.4 / 5.4 / 5.4
MATERIAL VESSEL	GRE

NOTES 1. 9. 10. 17



NOTES

1. PIPING TO BE INSTALLED WITH HIGH POINT VENT AND LOW POINT DRAIN. PIPING TO HAVE NO STAGNANT REGIONS OR DEAD LEGS.
2. AIR TIGHT VALVES.
3. LEVEL OF UPPER NOZZLE OF LT-412116A SHALL BE SLIGHTLY ABOVE TOP OF VESSEL UPPERMOST PLATE.
4. CAPILLARY INSTRUMENT REMOTE SEAL. DIAPHRAGM SEAL TO BE SUPPLIED WITH FLUSHING RING.
5. DELETED.
6. INJECTION POINT INCLUDES QUILL.
7. DELETED.
8. INDIVIDUAL SIGNAL IS SENT TO UCP FOR CALCULATION AND TOTALISED FLOW PQ414-1044 FROM ALL UF FILTERS TO ICSS (HARDWIRED).
9. REFER TO P&ID LEGEND 168397-100-PR-PI-0001-01 TO 0012-01.
10. ALL MANUAL VALVES SHALL BE LOCKED WITH PAD LOCK OR CAR SEAL.
11. THE PRESSURE DROP SHOWN IS CORRECTED ACCORDING TO TEMPERATURE AND FLOW (NORMALIZED TMP). ON HIGH ΔP (2) UF FILTER IS SET TO NOT AVAILABLE AND OPERATOR TO INITIATE CIP SEQUENCE.
12. PSV INSTALLED ON PIPING TO SECURE LITTLE OR NO AIR ENTRAPMENT.
13. REFER TO P&ID 168397-200-PO-3363-MC-012 FOR DETAILS.
14. DELETED.
15. NO BACK PRESSURE DOWNSTREAM PSV AS GOOSENECK IS OPEN TO ATM.
16. PRESSURE AT TP14 DURING DRAINING IS 0.7 BARG. WATER IS VENTED THROUGH GOOSENECK DURING DRAINING.
17. ALL ON/OFF VALVES ARE PROVIDED WITH LIMIT SWITCHES.
18. CONTROL VALVE SUPPLIED WITH MECHANICAL MAXIMUM STOP.
19. REFER TO P&ID NO. 168397-100-PR-PI-0012-02 FOR SAMPLE CONNECTION DETAILS.
20. THE FLOW SWITCHES TO PRESSURE CONTROL. WHEN THE PRESSURE REACHES 7.8BAR WITH THE VESSEL IN NORMAL OPERATION.
21. MIN. SLOPE 1:100

SIEMENS DRW:			SIEMENS REV:			
5IPO-03733.410-H-003			0			
09	09/07/2013	AS-BUILT	VM	DC	MM	CB
Z5	07/10/21	AS-BUILT FOR GMOC0096	TPK	TF	JL	TL
Z4	10/01/20	AS-BUILT FOR GMOC0416	NE	TF	JL	TR
Z3	30.03.2018	AS-BUILT FOR GMOC0108	LM	JL	JL	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	CL

Nexen Petroleum (U.K.) Limited Golden Eagle Area Development											
VENDOR : SIEMENS (AMEC FW)											
EQUIPMENT TITLE : PIPING & INSTRUMENTATION (P&ID) ULTRAFILTRATION MEMBRANE UNIT											
EQUIPMENT TAG NO(S) : F-003-0											
GEAD Vendor Document Number											
Purchase Order Number		Doc Type Code		Seq. No.		Shi. No.		Rev.		DATE	
168397-200-PO-3363		MC2		003-07		ZS		7/7/02			
INCLUDES DOCUMENT CODES :								TOTAL SHEETS : 5			
F	Final	Accepted (revised) - manufacturing may proceed.									
A	Accepted	Release - review and re-submit. Manufacturing may proceed subject to incorporation of comments.									
R	Rejected	re-revision and re-submit. Manufacturing may not proceed.									
I	In process	for information only.									

Engineer :	Date:
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