



GENERAL DATA

1	EQUIPMENT	COLUMN C-1305
2	QUANTITY	1 NO. (MODIFICATION)

MATERIAL OF CONSTRUCTION

SN	DESCRIPTION	SPECIFICATION	MOC	QTY
1	TOP BONNET SHELL	850 ID X 150 (TL-TL) X 6 THK	SS304	1
2	TOP DISH	850 ID X 8 THK	SS304	1
3	BOTTOM BONNET SHELL	850 ID X 1800 (TL-TL) X 6 THK	SS304	1
4	BOTTOM DISH	850 ID X 8 THK	SS304	1
5	BODY FLANGE WITH LINING	985 OD X 865 ID X 46+3 THK	SA 516 Gr.70/SS304	4
6	BOLT, NUT & WASHER	M16 X 150L	SA193 B7	60
7	GASKET	3 THK	TEFLON ENV. CAF	3
8	CLEATS	85 X 80 X 10 THK	IS 2062	24

NOZZLE SCHEDULE

MARK	NOZZLE NECK		FLANGE			SERVICE	MOC	QTY
	NB	THK/SCH	PROJ	RATE	FACE			
N1	200	Sch.20	200	150#	SORF	VAPOUR OUTLET	SS304	1
N2	50/80	Sch.80/40	200	150#	SORF	REFLEX INLET	SS304	1
N3	50/80	Sch.80/40	200	150#	SORF	FEED INLET	SS304	1
N4	350	Sch.20	200	150#	SORF	VAPOUR+LIQUID INLET	SS304	1
N5	150	Sch.20	200	150#	SORF	LIQUID TO REBOILER	SS304	1
N7	40	Sch.80	200	150#	SORF	PRODUCT OUTLET	SS304	1
TI1-TI6	40	Sch.80	200	150#	SORF	TEMP. INDICATOR	SS304	6
PI1-PI3	25	Sch.80	200	150#	SORF	PRESS. INDICATOR	SS304	3
SG1-SG2	80	Sch.40	200	150#	SORF	SIGHT GLASS	SS304	2
LG1-LG2	80	Sch.40	200	150#	SORF	LIGHT GLASS	SS304	2
LI1-LI2	80	Sch.40	200	150#	SORF	LEVEL INDICATOR	SS304	2
H1-H2	150	BLANK OFF WITH PAD				HAND HOLE	SS304	6
SG-LG	80	BLANK OFF WITH PAD				SIGHT/LIGHT GLASS	SS304	6
N6	25	BLANK OFF WITH PAD				LPS INLET	SS304	3

MODIFICATION SCHEME IN EXISTING SECTION :

- EXISTING NOZZLE N6, SG, LG, H1 & H2 TO BE REMOVED AND BLANKED OFF.
- EXISTING PARTS USED ARE SHOWN IN DIM LINE AND NEW PARTS IN BRIGHT LINE.

NOTES :

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
- ALL WELDS SHOULD BE GROUND FLUSH FROM INSIDE.
- VERTICALITY OF THE COLUMN SHALL BE CHECKED ON RECEIPT OF COLUMN AND SHELL SHALL BE MODIFIED AFTER ON CLIENTS CLEARANCE.
- ALL ITEMS OTHER THAN THE ONE MENTIONED ABOVE TO BE SUPPLIED BY CLIENT OR OTHERS.
- * TO BE DECIDED BY CLIENT.
- NEW NOZZLE.
- ⊙ BLANK OFF NOZZLE.

Rev. No	Revision note	Date	Signature	Checked
SIECO ENGINEERS PVT. LTD. NO. 25, BOMMASANDRA IND. AREA, BANGALORE - 560 099, INDIA.		REF : PO : 7020680 dt. 06.08.2011		
TITLE DESCRIPTION: COLUMN MODIFICATION C-1305		CLIENT: HIKAL LTD		
SIZE : A3		DRAWN	CHECKED	APPROVED
SHEET 1 OF 3		PRAJEESH	M S	SDS
SCALE : NTS		DATE	DRG. NO.	REV
08.08.11		SCO/HKL/P-012/11-12/006		0