

SALES ORDER REQUISITION & SUPPLY COLUMN.

ChemDist Process Solutions Pvt. Ltd.

QRN No.	QRN-7045/R3
Client	UPL
Type.	Manufacturing
Job No.	SO-657
Date	21/06/2022
Rev	R0

INDIA Address:
Plot No J-174/1, J-Block,
PCNTDA, Bhosari, Pune-411026, Maharashtra
Landline: 020-68143308
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SCOPE OF SUPPLY:

- Equipment Manufacturing Sr. No. Column C-14601A CDPS-657-C1926-2022

Our scope of supply includes Manufacturing & Supply of below listed items:

1. Description	Methanol Column (C-14601 C)
Process Details	
Design Pressure (kg/cm ² g)	FV/3.5
Design Temperature (Deg C)	200
Shell/End Radiography	Spot + All T Joints/Full
Vessel Details	
Shell Diameter (ID)	1700 mm
Shell Height (Bottom TL to Top Flange)	~26600 mm
Top/Bottom	10% Torispherical
Shell Thickness	12 mm
Top/Bottom end Thickness	12/14 mm Thk
Tray Supprt Ring	100mm Width X 10 mm Thk X47 Nos.
Body Flanges	1940 OD X 100 mm THK Qty – 4 nos.
Type of Support	Skirt Support (1000 in SS 304+4725 mm in MS HT) Guid Support Qty- 8 Nos.
Shell MOC	SS 316
Dish ends MOC	SS 316
Body Flange MOC	CS+ SS 316 Lining
Nozzles pipe MOC	SS 316
Nozzle Flange MOC	Upto 150 NB in SS 316 above 150 NB CS+ SS316 Lining
Support Internal MOC	SS 316
Support External MOC	MS
Qty	1 No.

Nozzle Details:

NOZZLE NO.	SERVICE	Qty	NOZZLE PIPE		End Connection	
			NB	SCH	Type	Class
N1	Feed Inlet (Dip Pipe)	1	100/80	STD 40S	SORF	150#
N2	Outlet to Reboiler	1	250	STD 40S	SORF	150#
N3	Vapors Outlet	1	500	12 mm Thk	SORF	150#
N4	Drain	1	80	STD 80S	SORF	150#
N5	LT	2	80	STD 80S	SORF	150#
N5	LG	2	25	STD 80S	SORF	150#
N6	TT	7	40/22	STD 80S	SORF	150#
N7	PT	2	50	STD 80S	SORF	150#
N7	PT (BF)	3	50	STD 80S	SORF	150#
N8	Inlet from Reboiler (with Vapour Box)	1	500	STD 40S	SORF	150#
N9	Reflux (Dip Pipe)	1	100 /80	STD 80S	SORF	150#
N10	Spare (B/F)	1	80	STD 80S	SORF	150#
N11	Spare(B/F)	1	100	STD 80S	SORF	150#
N12	Steam(B/F)	1	40	STD 80S	SORF	150#
LG	LG	3	100	-	SORF	150#
SG	LG	3	100	-	SORF	150#
M	Manhole(With Cover)	3	600	12 mm Thk	SORF	150#
H	Handhole (With Cover)	4	250	STD 40S	SORF	150#
AC	Ac Opening Cover	1	500	12 mm Thk	Pad Plate	
V	Vent	4	100	STD 40S	SORF	150#

Note

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|---|---|
| 1 | Hydro test shall be carried out by service gasket only. |
| 2 | Any tray and other assembly not in CDPS Scope which not mentioned in our offer. |



Notes:

1. All '*' mark shall be confirmed by design team.
2. In this reactor, agitator not in our scope.
3. All thicknesses shall be confirmed by design team.

Delivery Date (FOR-Site)	27 th SEPTEMBER 2022 (FOR)
Internal Inspection Report	Required
TPI	YES
Remark/Instruction	Test Certificates Required as per QAP

issued By	Signature	Received By	Signature
Marketing		Design/Dwg	
		Manufacturing	
		Purchase	

	Signature
Prepared By	NMB
Checked By	NMB
Approved By	TW