

**SALES ORDER REQUISITION & SUPPLY
REACTORS.****ChemDist Process Solutions Pvt.
Ltd.**

QRN No.	QRN-7029
PO No.	9222100090
PO Date	12/05/2022
Job No.	SO-646
Date	16/05/2022
Rev	0

J 174/1, J Block, MIDC, Bhosari, Pune, Pin –
411026, Maharashtra, India
Email: info@chemdist.in

Sr. No.	ITEMS	Qty.	MFR No.
1	Caustic Preparation Tank (T-1611)	1	CDPS-646-V1909-2022

Delivery Date (Ex-Works Pune)	4 th Aug 2022 (Ex-Works Pune)
TPI	Yes.
Liquidated Damages	Yes
Internal Inspection Report	Required
Client Inspection at our site	Yes
Remark/Instruction	Test Certificates Required

1.0 Scope of Supply –

1. Description	Caustic Preparation Tank (T-1611)	
Process Details		
	Shell Side	Limpet Side
Design Pressure (kg/cm2 g)	0.294 MPa (g) / 3 kg/cm2g	0.490 MPa (g) / 5 kg/cm2g
Design Temperature (Deg C)	170	170
Radiography (Shell/Dish)	Spot + All T Joints / Full	NIL
Capacity (KL)	4	
Vessel Details		
Shell Diameter	1600 mm	
TL - TL Height	2000 mm	
Top/Bottom	10% Torrispherical / 10% Torrispherical	
Shell Thickness	8 mm	
Dish End Thickness	8 mm	
Baffles	Qty – 4 nos.	
Limpet Coil	88.9 mm OD x 6 mm Thk; @130 mm pitch	
Type of Support	Lug Supports; Qty- 4 nos.	
Nozzle details	As per GA Drawing DRG no.- DEW/16/73	
Shell/Dish MOC	SA 516 Gr. 70	
Limpet Coil MOC	SA 516 Gr. 70	
Nozzles Pipe MOC	SA 106 Gr. B	
Nozzle Flange MOC	SA 105	
Manhole flange & Cover	SA 516 Gr. 70	
Support MOC	IS 2062 Gr. B	
Surface Finish (External)	All MS/CS surfaces will be sand blasted and painted with two coats of redoxide primer.	
Qty	1	
Agitator Details -		
Agitator Model	CDIHM-3.7	
Motor Rating	3.7 kw/4P/IE3/1450/50Hz/CGL/FLP/VFD Suitable	

Gear box	AS55 RR – 20.4:1 (S.F. = 2.46) Bonfiglioli
Impeller	2 x PBT (Dia 800 mm);
Agitator Speed	~ 70.59 rpm
Shaft	Solid Shaft
Shaft Sealing	Single Mechanical seal – dry type (Hi Fab Make)
Coupling	Rigid + Flexible
Steady Bearing	Not Required
Wetted Part	SA 516 Gr. 70
Non wetted part	MS
Qty	1 No.