

CLIENT : SUMITOMO CHEMICALS INDIA LTD. PO No. : 4200001459 DATE : 28/08/2022 QRN NO.: QRN-8088/R2 SO No. : 678			CHEMDIST PROCESS SOLUTIONS PVT LTD QUALITY ASSURANCE PLAN QAP NO: CDPS-QAP-SO-678, REV-01 DT. - 27/09/2022				ITEM DESC.: 1. CRP BATCH TANK (TK-106) 2. DKCA HOLDING TANK (TK-202) 3. CONDENSATE COLLECTION TANK (TK-603) 4. 98% VB TANK (TK-1002) 5. 23% CF-L, SODIUM THIOSULFATE (TK-1005, TK-1003) 6. TEP FINAL CUT STORAGE TANK (TK-1102)			
SR No.	COMPONENT / OPERATION	CHARACT. CHECKED	TYPE/METHOD OF CHECK	EXTENT	REF. DOCUMENT / ACCEPTANCE NORM	FORMAT OF RECORD	INSPECTION BY		REMARKS	
1	Raw Material									
1.A	Material for Shell & Dish end	Visual, Dimensional, Mechanical & Chemical Test / Properties	Correlation with Lab T.C. Mill T.C.	One per heat/Lot	ASME Sec. II & Approved G.A. Drg. / Specifications	Material History Chart	CDPS	CLIENT	1. EN 10204 3.1 Certification Required. 2. If TC is not available, then samples to be drawn from material for chemical & Mechanical test at NABL accredited lab. 3. Micro test for all SS material pressure parts.	
1.B	Nozzle Pipes & Flanges	Visual, Dimensional, Mechanical & Chemical Test / Properties	Correlation with Lab T.C. Mill T.C.	One per heat/Lot	ASME Sec. II & Approved G.A. Drg. / Specifications	Material History Chart	W	W		
2	In Process									
2.A	Procedure & Welder Qualification	Suitability of Procedure	Mechanical testing of weld coupon & RT	100%	ASME SEC IX	WPS/PQR/WPQ	P	R		
2.B	Dish End Inspection	Check with Template, Dimensions, DPT at WEP & Knucke.	Dimensional & NDT	100%	As per approved G.A. Drg. / Specifications/ASME Sec VIII & Sec V	Inspection report	W	W		
2.C	Shell L-Seam, C-Seam Setup	Ht, OCF, Thk, Weld Edge Preparation, Root Gap & Mismatch	Dimensional & Visual	100%	As per approved G.A. Drg. / Specifications	Inspection report	W	W		
2.D	L/Seam and C/Seam Backchip & DP	Soundness of root pass	Visual & DP	100%	As per ASME SEC VIII & Sev V	Inspection report	W	R/W		
2.E	Radiography of Butt Welds (Shell & Dish)	Soundness of Weld Joint	RT	As per approved G.A. Drg.	As per ASME SEC VIII & Sev V	RT Report	P	R	Film Review	




CLIENT : SUMITOMO CHEMICALS INDIA LTD. PO No. : 4200001459 DATE : 28/08/2022 QRN NO. : QRN-8088/R2 SO No. : 678				CHEMDIST PROCESS SOLUTIONS PVT LTD QUALITY ASSURANCE PLAN QAP NO: CDPS-QAP-SO-678, REV-01 DT. - 27/09/2022				ITEM DESC. : 1. CRP BATCH TANK (TK-106) 2. DKCA HOLDING TANK (TK-202) 3. CONDENSATE COLLECTION TANK (TK-603) 4. 98% VB TANK (TK-1002) 5. 23% CF-L, SODIUM THIOSULFATE (TK-1005, TK-1003) 6. TEP FINAL CUT STORAGE TANK (TK-1102)			
SR No.	COMPONENT / OPERATION	CHARACT. CHECKED	TYPE/METHOD OF CHECK	EXTENT	REF. DOCUMENT / ACCEPTANCE NORM	FORMAT OF RECORD	INSPECTION BY		REMARKS		
2.F	Nozzle to Shell fitup	Elevation, Weld Edge Prep, Gap, Orientation, Alignment	Dimensional & Visual	100%	As per approved G.A. Drg. / Specifications	Inspection report	W	W			
2.G	Nozzle weld backchip DP	Soundness of root pass	DPT	100%	As per ASME SEC VIII & Sev V	Inspection report	W	R			
2.H	Pneumatic Test of RF Pads	Pressure Test (Leak Tightness)	Air	100%	As per scope/Drg.	Inspection report	W	W			
3	Final Inspection										
3.A	Dimensional & Visual Inspection	Overall Dimension	Dimensional & Visual Check	100%	As per approved G.A. Drg. / Specifications	Inspection report	W	W			
3.B	Hydro Test	Pressure Test (Leak Tightness)	Water	100%	As per scope/Drg.	Inspection report	W	W			
3.C	Outside Surface Preparation (Pickling & Passivation of SS Parts / Painting of MS Parts)	As per requirement	Finish	100%	As per Scope/ Drg./ Specifications	Inspection report	W	R			
4	Document Verification										
4.A	Final Document Review	Major	Review of documents	100%	As per scope/Drg.	Equipment Dossier	P	R			

Note: Wherever back chipping is not possible, full Penetration root run welding to be carried out by GTAW.

CDPS: CHEMDIST PROCESS SOLUTIONS PVT LTD, R: REVIEW, W: WITNESS, P: PERFORM, R/W: RANDOM WITNESS

For, CHEMDIST PROCESS SOLUTIONS PVT. LTD.  
Plot No J-174/1, J-Block, MIDC Bhosari,  
Pune-411026

Prepared by: RAHUL CHAVAN

Approved By: 

QAC

GLOBAL ENGINEERING SERVICES