

DINTECH VALVES PVT. LTD, AHMEDABAD

QUALITY ASSURANCE PLAN

Format No: QR/QAC/01 R-0

CLIENT		BPCL							QAP NO :			DVPL/25-26/003		
P.O. NO.& DATE		4601046683					DATE.: 31.01.2025			REV NO		R2	06.05.2025	
ITEM.: SWING CHECK VALVE & DPCV									DATE :				18.04.2025	
Sr. No.	Component of Operation	Characteristic	Class	Type of Check	Quantum of Check	Reference Documents	Acceptance Norms	Format of Record	AGENCY			Remarks		
									M	CLIENT	TPI			
1	2	3	4	5	6	7	8	9	10			11		
1.0	RAW MATERIAL INSPECTION													
1.1	Casting: Body/Cover/Disc	Chemical & Mechanical	Major	Chemical & Mechanical	One sample / Heat	BPCL Technical Specification and Approved Drawings	Relevant Material Std.	Foundry TC / MTC	P	---	R			
1.2	RT For Casting: Body/Cover	Radiography	Major	RT	As per Data Sheet	ASME B16.34	ASME B16.34	RT Report	P	---	R	As per data sheet request		
1.3	Bars for Trim Material. - Hing Pin. Stop Pin & Spring	Chemical & Mechanical	Major	Chemical	One sample / Heat	BPCL Technical Specification and Approved Drawings	Relevant Material Std.	Lab TC	P	---	R	<div>sa rab hkumar sin</div> <div>Digitally signed by saurabhkumarsin Date: 2025.05.06 16:24:09 +05'30'</div>		
1.4	Fastner,Gasket	Chemical & Mechanical	Major	Chemical & Mechanical	One sample / Heat	BPCL Technical Specification and Approved Drawings	Relevant Material Std.	TC	P	---	R			
2.0	IN PROCESS INSPECTION													
2.1	Body/Cover /Disc	Dimensional	Major	Visual & Dimension	Random & 100%	As per Drawing	BS 1868 / As per Drawing	Record	P	---	---			
3.0	FINAL INSPECTION													
3.1	Valve Assembly	---	Major	Visual	100%	As per Drawing	BS 1868 / As per Drawing	Record	P	---	---			
3.2	Thickness of Chromium Facing	Dimensional	Major	Dimension	100%	As per Drawing	As per Drawing	Record	P	---	R			
3.3	Dimesion Check	Dimensional	Major	Dimension	100%	As per Drawing	BS 1868 / As per Drawing	Record	P	---	10%W			
3.4	Hydro-Static Test	Shell Test	Major	Hydro	100%	BPCL Technical Specification and Approved Drawings		Test report	P	---	10%W	Water used for Hydrostatic testing shall contains a suitable corrosion inhibitor		
		Seat Test	Major	Hydro	100%			Test report	P	---	10%W			
3.5	Free Movement of Disc	Free Movement of Disc	Major	Free Movement of Disc	Random	Approved Drawing		-----	P	---	10%W	<div>ghoshal</div> <div>Digitally signed by ghoshal</div>		

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3.6	Marking on Valve Body	Visual	Major	Name, Rating, Size, Material, Flow Direction	100%	--	--	--	P	---	R	
3.7	Valve Tag	Visual	Major	Name, Design STD, Rating, Size, Material, Flow Direction	100%	--	--	--	P	---	R	Tag Shell be Corrosion resistant and securely fastened to the valve
3.8	Pating & Packing	Visual & DFT	Major	Visual & DFT	Random	Relevant Standard	Relevant Standard	Report	P	---	R	Plastic protective end caps shall be provided on both port aria

Note.: After hydrostatic and pneumatic testing valve shall be cleaned and dried with air internally & externally bafore packing.

INDICATE : "P" - PERFORM, "W" - WITNESS, "R" - REVIEW

For, Dintech Valves Pvt. Ltd.



Q.A. Department

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APPROVAL OF DRAWING / DATASHEET/QAP/ITP DOES NOT ABOSOLVES THE VENDOR FROM HIS OBLIGATIONS TO COMPLY WITH THE THE PO/CONTRACT SPECIFICATIONS