



BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
QUALITY PLAN FOR PRESSURE RELIEF VALVE

QA PLAN NO: QC/TCB/QAP/BO/08

Rev 05

Date: 07/10/2025

SL. NO.	COMPONENTS/STAGE	CAHARACTERISTICS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	FORMAT OF RECORD	AGENCY		REMARKS
							M	B/T	
1	Raw Material	Zinc Plated hardware and other raw material like Gasket,'o' Ring, Operating Rod, Diaphragm etc.	T	1 of each lot	BHEL STD/ Spec./Drg/ IS.	TC/COC	P	V	TC/COC declared by PRV manufacturer will be reviewed by BHEL/TPIA
2	Visual and Dimensional Check	Dimension for fitment	M	100%	BHEL STD/ Spec./Drg/ IS.	TR	P	W	Witness of Test for 10% Lot by BHEL/TPIA
		Paint Shade	V	100%		TR	P	W	
3	Final Testing	Operating Pressure	T	100%	BHEL STD/ Spec./Drg/ IS.	TC	P	W	CHP for Witness of Test 10% Lot By BHEL/TPIA
		Flag and Switch Operation	T	100%		TC	P	W	
		Leakage Test	T	100%		TC	P	W	Witness of Test for 10% Lot By BHEL/TPIA
		Dielectric Test	T	100%		TC	P	W	
		Type Test for Degree of Protection IP 67	T	One Sample/Model/design		TC	P	V	Type Test once in 5 Years valid type test certificate to be submitted.

LEGENDS: M-Manufacturer, B/T-BHEL/TPIA-Third Party Inspection agency, P-Perform, V-Verification, W-Witness CHP-Customer hold point, TC-Test Certificate, TR-Report/MFG Record of Manufacturer.

Note: 1) This QAP shall be read in Conjunction with Customer approved QAP/RQP/MQP for specific work Order (As applicable).

2) In Case of any discrepancy/difference in the Specification and acceptance Norms for Properties/Parameters then Customer QAP/Specification Shall Prevail.

Prepared by

Approved By


सत्येन्द्र कुमार सिंह / Satyendra Kumar Singh
वरिष्ठ अभियंता / Sr. Engineer
गुणता आश्वासन टीसीबी / Quality Assurance-TCB
बी.एच.ई.एल., भोपाल / B.H.E.L., BHOPAL


अभिषेक कुमार शर्मा / Abhishek Kumar Sharma
वरिष्ठ प्रबंधक / Sr. Manager
क्यू.ए. एवं क्यू.टी.आर. (टीसीबी) / QA & QTR-TCB
बी.एच.ई.एल., भोपाल / BHEL, BHOPAL