stärke™

Quality Assurance Plan – PPH and PVDF Valves (Ball Valves, Butterfly Valves, Diaphragm Valves & Strainers)

Mfg. Standard: DIN

Sr. No.	Stage	Check Point	Method	Frequency	Acceptance Criteria	Responsibility
1	Incoming material receipt	Correct valve type, size, material, quantity, supplier documents	Document + visual check	Each lot	As per PO and approved supplier documents	QA/QC
2	Document verification	COA / test certificate / supplier inspection report / traceability	Document review	Each lot	Complete and matching with supply	QA/QC
3	Identification / marking	Valve size, material, pressure rating, brand, batch / traceability	Visual	100%	Clear and correct marking	QA/QC
4	Visual inspection	Surface finish, cracks, damage, contamination, missing parts	Visual	100%	No visible defects or damage	QA/QC
5	Dimensional / fitment check	End connection, face-to-face / fitting compatibility, critical dimensions	Vernier / gauges / trial fit	As per sampling plan	Within approved dimensions / fitment requirement	QC
6	Operation / functional check	Smooth opening-closing, handle movement, locking / stop function	Manual operation check	100% or lot-wise as defined	Proper operation without abnormal resistance	QC
7	Hydro Test / Leak Test	Seat leakage / body leakage at specified pressure	Hydro test SOP / supplier test record / project spec	On customer request or as applicable	No leakage, no failure during test	QC
8	Final inspection	Visual condition, marking, accessories, documentation	Visual + document review	Lot-wise	Conforming to PO and specification	QC
9	Packing	Label, quantity, damage protection, cleanliness	Visual	100%	Correct packing and identification	Dispatch / QC
10	Documentation	Inspection report, supplier certificate, traceability record	Document review	Each dispatch lot	Complete records available	QA

NOTE: One lot means valves of the same type, size, material, and supplier batch received under one delivery or inspection lot.

Approved by

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