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1. SCOPE

This Supplier Quality Manual (SQM) defines the quality and compliance requirements and applies to suppliers and contractors providing goods and services to SPX FLOW.

SPX FLOW expects its suppliers to meet SPX FLOW, customer, and applicable statutory and regulatory requirements. This shall be accomplished, by working with SPX FLOW to meet its goals by implementing continuous improvement and growth



3. REFERENCED DOCUMENTS

Document number/Alternative number	Description
ISO 9001: 2015	Quality Management Systems – Requirements
SPX FLOW-200-2.7.1 SPX FLOW-200-2.7.23	Two-Way Non-Disclosure Agreement EMEA

Website:www.SPXFLOW.com



	during manufacture without destroying the product as part of the evaluation
SQE	Supplier Quality Engineer
SQA	Supplier Quality Assurance
SQM	Supplier Quality Manual

5.



7. CONTROL OF SUB-TIER SUPPLIERS



jigs, fixtures, tools, dies, tape measure, etc.

IMTE calibration shall be performed by accredited laboratories meeting the requirements of ISO 9001:2015. The suppliers IMTE calibration system and procedures must ensure that an assessment, in accordance with ISO 9001 section 7.1.5, of the validity of previous measuring results is undertaken when an IMTE is found to be defective or out of calibration. SPX FLOW shall be notified in the event of potential non-conforming products and services as a result of a defective or out of calibration IMTE. Suppliers shall have procedures and processes to ensure conforming product and services are delivered



- a. Delivered quality: DPPM – Number of SCARs raised
- b. Nonconformance events: Number of repeat SCARs raised
- c. Effectiveness of corrective action: Number of repeat issues – PPM
- d. Cost of poor quality -
- e. Deliveries on-time: SOTD to suppliers first confirmed date
- f. Year over year deflation
- g. Invoice accuracy
- h. PO acceptance timing – PO confirmation
- i. Compliance with SPX FLOW payment terms

SPX FLOW requests the supplier for an investigation and corrective action initiatives when three consecutive scorecard results are below the overall target. If the quarterly scores for the Quality Metric is found to be below 25% then a SCAR will be raised to the supplier, the aim here is to assist the suppliers in improving their performance.

Additional Surveillance for supplier sub-contractors for special processes such as e.g. foundries, and forgings suppliers: Once suppliers have been approved, they are added to the AVL. Suppliers on the AVL may be audited or have other reviews performed by SPX FLOW's Supplier Quality and Supply Chain departments needed to ensure the supplier can consistently meet SPX FLOW's quality and delivery requirements.

Supplier Re-Evaluation: When the following criteria are found not to be met by the suppliers, SPX FLOW starts the process of Supplier Re-Evaluation:

- a. Supplier re-evaluation after an extended period of not being used.
- b. The Supplier is found with poor performance within our supplier scorecard system (On-time delivery, Quality, Cost, Operational Excellence) and is unable to provide an action plan to improve.
- c. The Supplier did not provide evidence for corrective actions after the supplier qualification audit.
- d. The Supplier has changed their location (depending on the circumstances the type of re-evaluation will be agreed).
- e. The Supplier delivers repeat quality concerns.



- Manufacturing Process Change
- A Factory Move (Change in layout to existing in which the product qualified)
- Change in non-consumable tooling (i.e., patterns, dies, press tools)
- When the supplier has not produced a part for a minimum of 36 months

If any of these changes occur, the supplier should contact SPX FLOW business unit Supplier Quality and/or Supply Chain for guidance.

If PPAP is requested - All suppliers shall submit PPAP documentation to the requested Level for new developments unless otherwise specified in the supply agreement or purchase order, without issuing a specific purchase order dedicated for PPAP submission.

Supplier Quality is the sole approver of all PPAP's.

16. QUALITY CONTROL PLANS

If a QCP/ITP is required in the PO, it must contain enough information to define what inspections and testing will be accomplished to meet SPX FLOW PO requirements. At times, there may be a need for SPX FLOW to evaluate product in-process. These inspections should be identified as hold points on the QCP. Hold points are particularly relevant for special processes or features that are not accessible on the final product.

If SPX FLOW or the supplier identifies hold points:

- a. The supplier must inform SPX FLOW of the timing of when the article reaches the hold point and the need to SPX FLOW to witness,
- b. The supplier must not continue past the hold point without an SPX FLOW representative present unless SPX FLOW Supplier Quality has formally waived the inspection in writing,
- c. A suitable QCP/ITP shall be available for review of SPX FLOW; QCP/ITP shall include quality characteristics and acceptance criteria for each stage of the process, third party inspection/test requirements (if applicable) and final approval criteria.

Where applicable, SPX FLOW might use an Inspection Release Note (SPX FLOW-200-2.7.10). This allows SPX FLOW to do the inspection on-site of the supplier and review previously identified hold/witness points. Final Inspection Release must include a review of the documentation to be provided by the supplier as specified by the PO/Contract. Once issued to the supplier, the Final Inspection Release Note represents the completion of the entire inspection assignment and formal final acceptance of the whole PO/Contract. If any deviations observed during the inspection process, a partial inspection release might be granted, with a request for the corrective action plan.



17. SPECIAL PROCESSES

Suppliers must have specific, documented, and controlled procedures for each special process performed. Suppliers are responsible for identifying the special processes performed. If special processes are performed, Suppliers shall submit copies of the process sheets which define how the process is to be performed and inspected, including process parameters and operators qualifications.

An example of special process requirements which can be stated in the PO's/Contracts/RFQ's:

Special Process	Example Specifications
Welding	ASME, ASTM, PED regulations, GB 150 regulations
WPS	ISO 15607
WPQR	ISO 15614-1
Welders Certification	Manual Welding: ISO 9606-1:2014 Machine Welding: ISO 14732:2013
Visual Weld	ISO 5817 Level B
Dye Penetrant	ISO 3452-



21. SUPPLY OF HAZARDOUS MATERIALS AND SUBSTANCES

When a hazardous material is to be delivered to SPX FLOW, the supplier shall provide the materials SDS to SPX FLOW prior to dispatch or with the delivery of items from the suppliers' facility. For first time shipments of materials, the supplier will provide SPX FLOW with an SDS in advance of material shipment to allow time for SPX FLOW to review the SDS and ensure appropriate controls are in place. Supplier of hazardous material shall take responsibility for compliant disposal of leftover or scrapped material.

22. ENVIRONMENT, HEALTH AND SAFETY (EHS)

Suppliers are responsible for all aspects of EHS connected with the goods and services supplied to SPX FLOW and must, at their own cost, comply with all EHS laws at their facilities and those of sub-tier suppliers. Suppliers are responsible for ensuring they comply with all regulations and laws. SPX FLOW will deliver specific EHS requirements to the suppliers when



