Supplier Quality Manual

Supplier Quality Management is at the core of Avient's success. Without the dedication of our supplier base, Avient would not be able to achieve customer satisfaction, deliver conforming products, or maintain our internal Quality Policy.
Successful supplier relationships make Avient the preferred provider of specialized materials, services, and solutions.

Table of Contents

1.0 Organizational Context

1.1 Purpose

The purpose of this Supplier Quality Manual (SQM) is to define the requirements Avient requires its supply base to follow and implement within their own Quality Management System (QMS), if not currently present. Quality assurance provisions and measures between the supplier and Avient ensure consistent quality for our products, thus resulting in acceptable products for our customers. Avient chooses its supply base carefully to ensure only the highest quality materials are used in our production process, resulting in superior product.

Avient suppliers play a critical role in our pursuit of excellence and maintaining our customer-defined requirements. The products we produce can be no better than the raw materials we purchase from our suppliers. Therefore, we expect our suppliers to have the same level of commitment to quality and the customer-first mindset we place as one of our top priorities at Avient.

1.2 Scope

Avient requires all suppliers to adopt this SQM and maintain a QMS which meets the minimum requirements defined in this manual. Minimum requirements are adopted from the ISO 9001 standard. Commodity-specific quality requirements are further defined in the agreed upon contracts and purchase orders. Detailed requirements relating to the product features are defined in the product specifications. Avient shall communicate additional requirements regarding automotive (IATF 16949) and healthcare (ISO 13485) applications based on the raw material's end-use application.

2.0 Avient Global Quality Policy

AVIENT

QUALITY POLICY

At Avient, we collaborate with customers to provide specialized and sustainable solutions, accepting material science challenges that can enable a circular economy and meet the needs of the present without compromising future generations to do the same.

- We listen - To customers' needs to deliver unique, innovative solutions
- We do it right - The first time to provide defect-free materials
- We deliver - A consistent product on time

Our commitment to continuous improvement and operational excellence drives our actions and decision-making – all with the goal of making Avient the preferred provider of specialized materials, services, and solutions to customers around the world.

Avient is committed to use the Quality Management System (QMS) to satisfy all applicable customer and regulatory requirements. The QMS is fully integrated into the organization's business processes with a focus on customer satisfaction. Top management promotes the use of a process-based approach and risk-based thinking. All associates have a responsibility to ensure Avient achieves its intended results.

Ashish Khandpur
President and CEO
December 18, 2023

3.0 Supplier Management

3.1 Supplier Quality Management System

Avient expects its supply base to maintain a certified QMS at all of its locations and those of its affiliated companies in accordance with the requirements of ISO 9001, ISO 13485, or IATF 16949 (depending on supplier commodity), as applicable. The supplier shall ensure the products are designed, produced, and tested in conformity with the requirements prescribed by industry standards or within the supplier's own QMS. FDA-designed raw materials shall be produced according to the requirements specified by the Food, Drug, and Cosmetic Act.

The supplier should complete the **QF-05 Supplier Self Assessment Audit Form (DOC-03818)** to demonstrate quality conformance and accept Avient's Supplier Change Notification. Avient reserves the right to request the completion of the supplier assessment based upon quality recommendation regardless of supplier accreditation status. Supplier approval status shall be updated based on the results of the supplier assessment and on-site audit, if performed.

3.2 Performance Evaluation

Avient utilizes the vendor scorecard system (and associated **Supplier Performance Report**) which records and tracks supplier performance related to delivery, product quality and purchase order (PO) requirements. Avient evaluates the vendor scorecard system and supplier assessment results on a monthly basis to identify any at-risk suppliers. Evaluations are completed using the **Avient Supplier Risk Matrix** which identifies "high-", "medium-" and "low-risk" suppliers based upon the following inputs: total business impact, supplier performance**,** and QMS profile (certification and self-assessment completion). If a supplier is designated as medium or high risk, improvement actions may involve – but will not be limited to – QF-05 completion, an on-site audit request, and/or QMS development.

3.3 Supplier On-Site Audit

When deemed necessary, Avient will perform on-site supplier audits to verify suppliers' compliance with this SQM. On-site audits may include an audit of the supplier's processes and an evaluation of systems, tooling, and/or documentation used to manufacture Avient products. QF-05 shall be used (at a minimum) to evaluate the supplier during an on-site audit.

A request for supplier audit can be made by any Avient functional groups (at the site or corporate level) or by an Avient customer. If Avient's customers indicate the need to visit the supplier's

production process with reasonable prior notice, the supplier shall accommodate such requests in conjunction with Avient representation.

3.4 Product and Process Changes

Avient is committed to continuous improvement of its products and processes in order to remain an industry leader. Suppliers should work collaboratively with Avient to identify and implement product or process changes aimed at continuously improving the quality and value of its products. Upon determining a product or process change is needed, **and prior to implementing such change**, the supplier shall contact and consult with the appropriate Avient representative. Based on the risk of the proposed product or process change, Avient may advise the supplier what level of detail and planning is required. Avient reserves the right to reject and seek corrective action against any material received from a supplier that did not communicate a change in product or process **prior** to shipment to Avient facilities.

4.0 Supplier Quality Expectations

4.1 Raw Material(s), Packaging, and Shipping

Raw materials shall comply with purchasing specifications as agreed upon between the supplier and Avient. Avient requires all supplier product and documentation to be traceable.

Avient requires a Certification of Analysis (COA) and supplier specification documents for every shipment of raw material. Deliveries will be on time and in full, as defined in the PO, unless otherwise agreed upon. All packaged raw materials shall include the Avient raw material SAP code number and will not be compromised. Off-specification material shall not be delivered without prior written approval from Avient (except for Avient orders specifically of off-spec material).

Any additional Avient business unit/site-level-specific design, development, and shipping requirements not covered within this SQM shall be communicated to and agreed upon with the supplier.

4.2 Nonconforming Material, Containment, and Supplier Corrective Action

If an Avient facility or customer receive defective product, Avient shall notify the supplier of the nonconformance. Supplier containment shall take place without undue delay to avoid additional defective material shipment.

The supplier shall take prompt corrective actions to address its failures to meet delivery and/or quality performance requirements. The supplier shall have a corrective action process, more commonly known as CAPA (Corrective Action Preventive Action), in place in accordance with industry standards or the supplier's own QMS.

The cost associated with the disposition of defective material is solely the supplier's responsibility and Avient may request reimbursement for any cost incurred during the disposal of defective material. Administrative and labor cost shall be based on reasonable cost for the rejected material. Should the need arise to return any purchased material, the supplier shall provide Avient the required authorization for prompt material return.

4.3 Contingency / Disaster Recovery Plan

Suppliers shall have and maintain a contingency plan or disaster recovery plan for potential catastrophes that may disrupt the flow of products to Avient plants. This plan shall include, but will not be limited to, provisions for prompt and effective notice to Avient, potential impact, provisions for restoration of disrupted manufacturing capabilities, and resumption of the manufacturing and shipment of products.

4.4 Sub-Tier Supplier Controls

Suppliers are responsible for the quality of materials and products provided by their sub-tier suppliers and sub-contractors. Suppliers to Avient are expected to impose controls on their sub-tier suppliers comparable to the controls applied to suppliers by Avient. The extent of the controls may vary, depending on the nature and complexity of the product and processes, but should normally include:

- Evaluation and qualification of sub-tier supplier facilities
- Avient and/or Avient's customer, where applicable
- Control of nonconforming material
- Corrective action and preventive action programs
- A continuous quality improvement program

Where appropriate and agreed upon by the supplier, Avient may specify what sub-tier suppliers may be used, evaluate and qualify the sub-tier supplier's facilities, and assist the supplier in controlling the sub-tier supplier. Typically, this occurs when the sub-tier supplier is an essential component of the supply chain process. Avient reserves the prerogative to evaluate the QMS and records of such sub-tier suppliers, as necessary. In the event of Avient's involvement, it does not

absolve the supplier of the ultimate responsibility for the quality performance of its sub-tier supplier.

Changes in the supply chain (including material and process changes) must be notified to Avient in advance. Changes in the supply chain can lead to a reassessment of the supplier. Avient reserves the right to verify the changed sub-tier supplier structure.

5.0 Avient Business Expectations

Suppliers may be asked to provide additional material specific documentation related to the following functional areas:

- Environmental, Health, and Safety
- Regulatory
- Sourcing
- Purchasing
- Technology / Research & Development

Any other functional group-specific requirements may be communicated through the appropriate Avient representative.

6.0 References

Document Title	Description
IATF 16949	Automotive Quality Standard
ISO 9001	International Quality Standard
ISO 13485	Healthcare Quality Standard
QF-05	Supplier Self-Assessment Audit Form
QS-05	Control of External Providers Procedure

7.0 Definitions and Acronyms

Term	Definition
Audit	Examination and evaluation of an organization's products and processes
CAPA	Corrective Action Preventive Action: Evaluation process used to eliminate the cause of a non-conformance or issue
COA	Certificate of Analysis
Containment	Isolation of nonconforming material to prevent the shipment of product, and measures taken to prevent the manufacture of additional product containing the non-conformance
Corrective Action	Actions taken to eliminate the causes of a nonconformance to prevent recurrence
External Provider	Term referenced in ISO 9001. Avient categorization for a "supplier"
FDA	Food & Drug Administration
IATF	International Automotive Task Force
Interested Party	Term referenced in ISO 9001. Avient categorization for a "supplier"
ISO	International Standards Organization
Preventive Action	Addresses an issue prior to it becoming a nonconformance, and stops it from occurring in the future
QMS	Quality Management System
SCAR	Supplier Corrective Action Request: Avient-issued request for a supplier to perform a corrective action

SQM	Supplier Quality Manual
Sub-Tier Supplier	An external provider supplying raw material to an Avient supplier
Supplier	An external provider supplying raw material to Avient
Supplier Corrective Action	Evaluation and elimination of a supplier nonconformance through the CAPA process
Supplier Nonconformance	Product received from a supplier that does not meet customer specifications; process or product that does not meet defined customer or supplier requirement or does not meet an international standard