

# Quality Requirements for Suppliers

## 1. SUBJECT AND SCOPE

### 1.1 Subject

This document applies to all suppliers selected by AERO NET and offering Industrial Products and associated services.

It defines the quality requirements for:

- Suppliers who manufacture parts
- Suppliers of shaped raw materials
- Service providers (e.g., materials and process testing laboratories)

Definition of AERO NET industrial products:

- Finished or semi-finished mechanical products
- Machined parts and mechanical subcontracting activities
- Textile products (polyester strap, webbing, etc.)
- Non-mechanical products (PVC support label, etc.)
- Raw materials

### 1.2 Scope

These requirements are applicable to all suppliers of Industrial Products, including service providers working for AERO NET on order.

In the event of a conflict between the requirements mentioned on the order and those in this document, the requirements stated in the order apply. Acceptance of this order or contract implies acceptance of the requirements included in this document when the latter is mentioned as applicable.

Suppliers must be able to demonstrate that their quality systems comply with the requirements defined in this document. When no certification or approval exists, it is up to the supplier to demonstrate that the products or services that it has been chosen by AERO NET to provide meet the requirements specified in this document, in coherence with the activity requested.

Implementation of the applicable requirements will be provided via the AERO NET purchase order. The supplier must take into account all applicable sections as an integral part of the purchase order acceptance procedure and assess compliance or non-compliance with respect to its internal quality procedures and those of its suppliers, as well as AERO NET requirements.

These requirements will also be used as a reference as part of the internal supplier qualification / disqualification procedures implemented by AERO NET (e.g., during audit/assessment).

Generally speaking, the buyer must be the only preferred contact of a supplier. This includes for the sending of any information regarding quality (non-conformity, alerts, obsolescence, changes, notification of key customer points, notification of First Article Inspection, etc.).

## 2. REFERENCES

The following publications are an integral part of this document.

Applicable documents:

- ISO 9001: 2015 - Quality Management System - Requirements
- EN 9100: 2018 - (AS 9100, JIS Q 9100 or equivalent) Quality Management System - Requirements for aeronautics, space and defense organizations

## 3 QUALITY REQUIREMENTS

### 3.1 SCOPE

Suppliers who have obtained and still have an EN 9100 or at least ISO 9001 certification through an accredited recognized organization relevant to their activity are assumed to have a quality management system that is acceptable by AERO NET.

**The requirements contained in this document must be taken into account in the same way as the requirements included in AERO NET purchase orders.**

### 3.2 ACCESS

AERO NET representatives (whether or not accompanied by a representative of the civil aviation authority) must be able to access at any time (within reason) the premises of its suppliers and their subcontractors, including lower-tier subcontractors, their quality procedures and / or any internal document related to AERO NET purchase orders in order to assess and ensure supplier compliance with the requirements stipulated in this document and in purchase orders for AERO NET (subject to the terms of the contract).

### 3.3 PROHIBITED MATERIALS

Parts and components containing the following materials, in any form whatsoever, are prohibited, except when they have been formally authorized by our quality department.

Note: All products delivered must comply with the REACH Directive No. EC 1907/2006

For articles with a metallic surface finish, the certificate of conformity must include a statement certifying that the material or its surface does not contain an alloy composed of more than 97% tin, whether it is applied through hot-dip galvanization or electroplating.

### 3.4 QUALITY SYSTEM REQUIREMENTS

The quality system, established according to the requirements defined in document EN 9100 or ISO 9001, must be subject to standardized procedures and its effectiveness must be regularly assessed. The quality review records must be kept and made available to an AERO NET representative upon request.

Verification can be carried out through audits (second part) or an industrial evaluation process carried out by AERO NET

The supplier must ensure that its quality and/or inspection services receive a copy of the purchase orders and specifications/drawings from AERO NET or that they have direct access to these documents.

### 3.5 CONTRACT REVIEW

The supplier must have a documented system for reviewing purchase orders/contracts and methods for dealing with any type of anomaly likely to arise therefrom.

At the end of the purchase order/contract review, when all questions have been resolved, the supplier formally accepts the order from AERO NET, signing the acknowledgment of receipt and sending it back to the AERO NET buyer.

Reminder: It is the supplier's responsibility to analyze and identify the special requirements, critical elements and key characteristics that need to be communicated to lower-tier subcontractors, according to the document.

### 3.6 DOCUMENT VERIFICATION

The supplier must have a system for recording, acknowledging, and checking the receipt of drawings, specifications, instructions, and electronic data, with their references and associated versions.

### 3.7 PURCHASE OF GOODS AND/OR SERVICES FROM LOWER-TIER SUBCONTRACTORS

When specified in purchasing specifications, lower-tier subcontractors shall ensure that appropriate quality inspection of the packaging is performed, and that it complies with AERO NET requirements. It must enable correct identification and ensure that the delivery is free from damage, corrosion, or other forms of deterioration.

If necessary, the supplier must define packaging, handling and storage conditions suitable for the finished product.

### 3.8 MANAGEMENT OF NON-CONFORMING PRODUCTS

The product must comply fully with AERO NET requirements.

In case of deviation from the above requirements, the supplier must immediately notify AERO NET for approval before delivering the product.

The system must provide for identification and segregation of non-conforming items; it must record, report, examine, and analyze the causes of the non-conformities; and it must define and carry out curative and corrective actions.

Particular attention shall be paid to:

Containment actions: non-propagation of deviations on other products

Curative actions

Corrective actions: root cause analysis to avoid reoccurrence with other products (implementation, for example, of 8D, 5 Why, cause and effect diagram) including human factors

Actions related to risk prevention, analysis of non-compliance risks and feedback

Note: Quick and efficient communication is requested (< 48 hours) between the supplier and AERO NET

### 3.9 TREATMENT OF NON-CONFORMING PRODUCTS RECEIVED BY AERO NET

Any non-conforming product found at AERO NET will be analyzed to assess whether the material can be considered acceptable as is. Otherwise, the product will be returned to the supplier for rework and/or replacement.

### 3.10 CORRECTIVE ACTION REPORT

In the event of rejection of a product, at the request of the AERO NET quality department, the supplier must complete a corrective action report and send it

within fourteen (14) days or within a period agreed by both parties depending on the complexity of the problem.

### 3.11 STATEMENT OF CONFORMITY

All supplies delivered to AERO NET must be accompanied by a Certificate of Conformity (CoC) with AERO NET requirements.

Unless otherwise agreed by the AERO NET quality department, the CoC must include the following items:

- The **name of the company** and its official **address**
- The wording “**Certificate of conformity**”
- A unique **tracking number**
- Clear definition of the elements it concerns:
  - Reference number of the **AERO NET purchase order** (including the line number).
  - **Description** of the items, particularly their **AERO NET Part Numbers** (if applicable).
  - Specification of the **quantity delivered**.
  - Citation of any applicable **specification, standard or drawing** and their applicable **versions**.
  - Indication of their **serial number** and the **batch** to which they belong; in the case of several batches, each batch will be identified separately,
  - specifying their shelf life, if any, and the recommended storage conditions.
  - Submission of any type of remark applicable to the product.
  - Inclusion of a statement certifying that the product meets the requirements defined on the purchase order or the contract in all respects and, where applicable, meets all the specifications cited.
  - Inclusion of special wording regarding articles with a metallic surface finish, certifying that the material or its surface does not contain an alloy composed of more than 97% tin, whether it is applied through hot-dip galvanization or electroplating.

### 3.12 PACKAGING AND DELIVERY / TRANSPORT

When stipulated in a supply specification, the supplier must ensure that appropriate inspection of the packaging is performed and that it complies with AERO NET requirements. It must enable correct identification and ensure that the products delivered are free from damage, corrosion or other forms of deterioration.

Products with a “limited shelf life” must bear the date of their manufacture, and/or their maximum shelf life or the duration of manufacture with the period of validity.

The supplier must implement provisions for the prevention, detection and elimination of Foreign

Object Debris (**FOD**) in contact with the products throughout the manufacturing process until final delivery packaging.

When products with a limited shelf life are supplied individually, or in kits, they must not have exceeded 20% of this duration when they arrive at AERO NET, unless different requirements have been mentioned in the specifications/procurement document.

When AERO NET stock is managed by its suppliers, information regarding the remaining quantities and the storage times must be provided regularly.

Any specific storage conditions, such as maintaining a low temperature, must be clearly indicated on the outer packaging, and also applied and guaranteed during transport.

Each individual packaging must be unequivocally identified by a legible and indelible external marking providing the name, quantity, manufacturer, compliance report and date of packaging of the product, as well as identification of the batches.

### 3.13 TRACEABILITY AND REQUIREMENTS RELATING TO GROUPS / BATCHES

The supplier must identify each product produced as well as its intended use (delivery, scrap).

This includes associated raw materials and all processes/procedures/reports, even if they have been outsourced, or delegated to lower-tier suppliers.

Items delivered according to the specifications/supply documents must, if possible, come from the same batch, in terms of materials and / or treatment.

For any manufactured product, all production records (manufacturing, assembly, inspections/checks) must be traceable.

Note: If a group is made up of several batches, complete traceability must be ensured in order to be able to trace production records sequentially (manufacture, assembly, inspection).

### 3.14 ALERTS

The supplier must provide AERO NET with all information about alerts (internal or external) related to any product covered by a purchase order.

### 3.15 AERO NET KEY POINTS

Key customer points, such as a visual inspection of parts, a review of intermediate assemblies, or a final inspection before delivery, may be carried out, at the request of AERO NET, by an AERO NET representative, in accordance with the purchase order/contract. Quality reports must be available during these inspections (depending on the stage defined) and include, without limitation:

- AERO NET purchase order
- Applicable drawings and specifications; manufacturing process/execution range; associated documentation regarding subsequent processing
- Purchase orders and requirements from lower-tier subcontractors
- Result(s) of all tests on test parts or samples
- Lower-tier supplier and sub-contractor certifications

Note: The key point made by AERO NET cannot replace the supplier's own inspection.

### 3.16 PREVENTION OF COUNTERFEIT PARTS

The supplier must plan, implement and process controls, appropriate to the product, to prevent the use of counterfeit or suspected unapproved parts (bogus parts) and their inclusion in the product(s) delivered to AERO NET.

Note: If the supplier detects a bogus part, the supplier must immediately notify AERO NET about the purchase order concerned, the incriminated batches and the affected serial numbers. Similarly, if AERO NET detects a bogus part, the supplier shall be immediately notified and must open an internal investigation and report the results of this investigation to AERO NET.

### 3.17 ADDITIONAL QUALITY REQUIREMENTS FOR SUPPLIERS OF SHAPED RAW MATERIALS

#### 3.17.1 Scope

A supplier of shaped raw materials can be:

- A forge, producing forged and press-produced parts from basic forging blanks
- A foundry, producing parts or bars molded from basic raw materials

#### 3.17.2 Raw materials inspection

The original raw materials must all come from approved sources.

All materials received by the supplier to be reworked, such as forging bars, must be accompanied by documentation defining the specifications of the material and providing analyses of chemical and mechanical properties. This documentation must at least be written in English.

#### 3.17.3 Quality requirement for initial deliveries

A First Articles Inspection (FAI) must be performed to check that the manufacturing process is able to produce series parts according to the specifications.

The FAI should be applied:

- To the first batch of each component manufactured for the first time by the supplier

- Whenever the manufacturing method or process is significantly modified
- In the case of a specific request appearing on a purchase order

The FAI of a component must check that all of the characteristics and parameters appearing on the drawings or in the associated specifications are complied with. Components that have been the subject of an FAI must be supplied to AERO NET as follows:

- Identified by an appropriate label
- Accompanied by Certificates of Conformity for raw materials and processes used by lower-tier subcontractors
- Accompanied by tabulated results of dimensional analyses, test results and other characteristics relating to the requirements of drawings and specifications, grouped together in the form of a first production control report or a report in the format chosen by the supplier

The AERO NET quality department or an AERO NET representative reserves the right to participate in the FAI. During this check, the characteristics and details of the parts may be checked a second time. In this case, inspection should be notified in advance.

### 3.18 Supplier responsibilities

The supplier undertakes to:

- Adopt ethical behavior and raise awareness among its staff of the importance of this requirement. Ethical behavior means abiding with the law, promoting human rights and equal opportunities for employees at all levels, ensuring the prevention of damage to health, ensuring the correct training of employees, respecting the rights of employees, fighting against harassment and discrimination, and fighting against all forms of corruption and/or counterfeiting.
- Prohibit any recourse to child labor and respect all applicable regulations and directives.
- Respect the legal and regulatory requirements applicable to the environment, as well as the specific provisions indicated in the contractual documents.
- Raise awareness among its staff of their contribution to product compliance and safety.