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## 1. Object

This document lists specific suppliers' requirements which are applicable on parts for aeronautical market.

It completes the general suppliers' requirements which govern relations between PLASTIVALOIRE Group and its suppliers.

It describes the minimum requirements expected whether the products and/or services are provided directly or indirectly through sub-suppliers.

Acceptance of the purchase agreement (i.e. purchase order or contract) shall be considered as acceptance of the requirements of this document.

## 2. Scope

This document concerns suppliers of Bill Of Material external supplies and chosen by the purchasing department.

It does not alter or reduce any other contractual requirements covered by purchasing documents or requirements of engineering drawings or specifications.

PLASTIVALOIRE Group reserves the right to revise downwards the requirements described in these Specific Suppliers Requirements depending on the purchase commodities.

Although PLASTIVALOIRE Group will make every attempt to notify suppliers, PLASTIVALOIRE Group also reserves the right to revise this document without prior notice.

## 3. Lexicon

FAI :  
First Article Inspection

### Counterfeit part

An unauthorized copy, imitation, substitute, or modified part (e. g., material, part, component), which is knowingly misrepresented as a specified genuine part of an original or authorized manufacturer.

### Special process

Process where the resulting output cannot be verified by subsequent monitoring or measurement. Examples of special processes : Welding, gluing, plating, plastic molding...

### Critical items

Those items (e. g., functions, parts, software, characteristics, processes) having significant effect on the provision and use of the products and services; including safety, performance, form, fit, function, producibility, service life, etc. that require specific actions to ensure they are adequately managed.

## Key characteristic

An attribute or feature whose variation has a significant effect on product fit, form, function, performance, service life, or producibility, that requires specific actions for the purpose of controlling variation.

## Special requirements

Those requirements identified by the customer, or determined by the organization, which have high risks of not being met, thus requiring their inclusion in the operational risk management process. Factors used in the determination of special requirements include product or process complexity, past experience and product or process maturity

FOD :

Foreign Object Debris/Damage.

The FOD risk (Foreign Object Debris or Foreign Object Damage) is the risk of damaging a system causing the aircraft to malfunction due to isolated debris (metal shavings, plastic, etc.) or the omission of parts (screws, tools...)

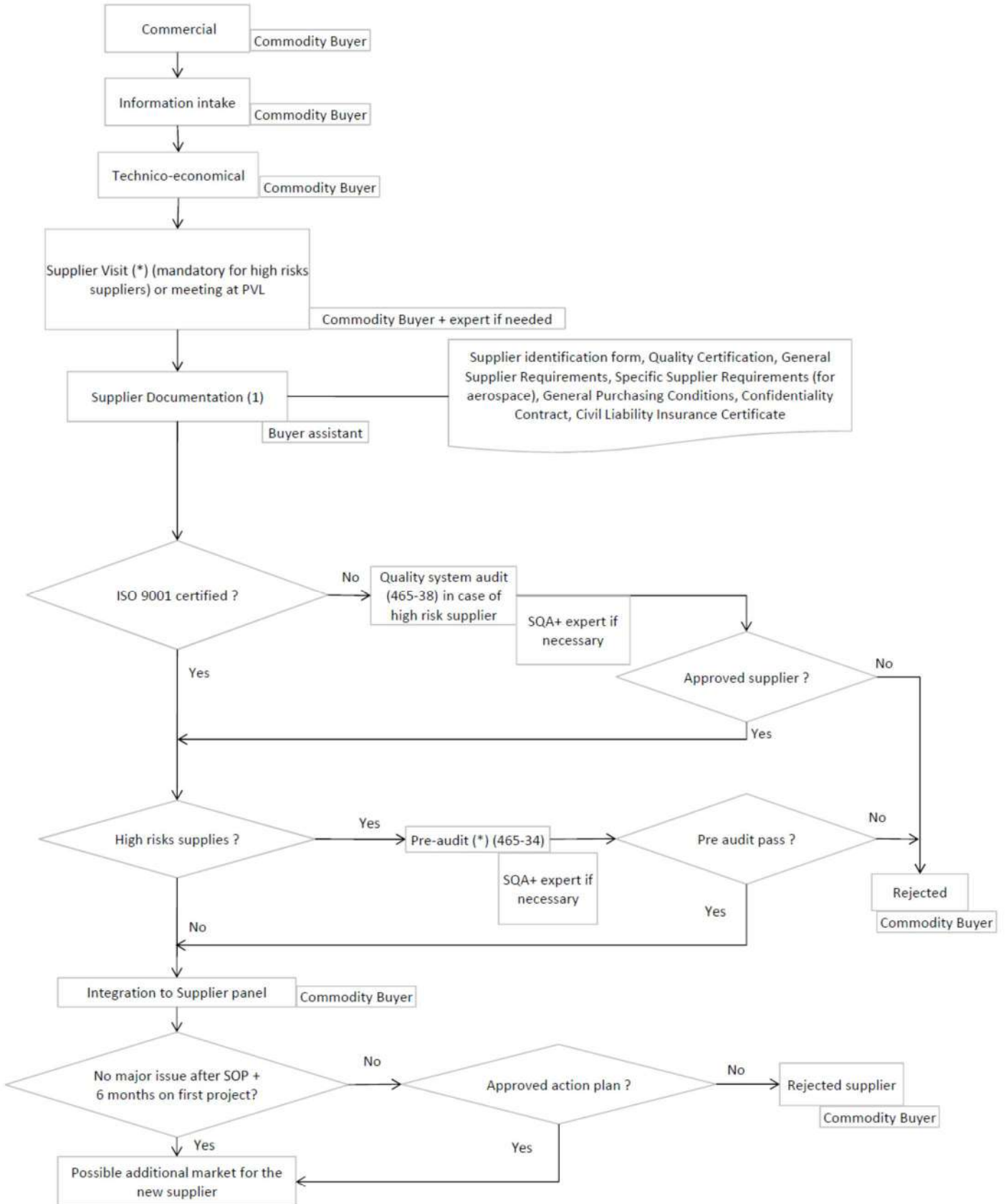
## **4. Quality management system**

PLASTIVALOIRE Group favors supplier with ISO 9001 even EN9100 certification.

Suppliers must inform PLASTIVALOIRE Group in event they lose their certification of quality system.

## **5. Integration of a supplier in the supplier base**

See the below flowchart.



(1) : Only step done in case of supplier imposed by the Customer

(\*) For Aerospace activity :

- Supplier visit is mandatory for each special manufacturing process

- Pre-Audit and Audit is mandatory if special manufacturing process

(Not applicable for SAFRAN Product if the supplier is qualified by SAFRAN in the list PS1-070 available under ISIS)

For SAFRAN Product : Inform SAFRAN if the supplier is not included in the list PS1-070

## **6. Special process**

The Supplier shall identify all special processes used for product manufacturing.

Special processes are manufacturing processes whose :

- Resulting output cannot be fully verified by subsequent monitoring or measurements performed on the product
- Deficiencies become apparent only after the product is in use.

Special processes shall be qualified by the Supplier before utilization. Process significant parameters shall be identified, controlled and recorded. These requirements also apply to sub-contracted special processes.

An audit of the special process is mandatory. This audit will be carried out by PLASTIVALOIRE or its end customer.

The supplier will indicate on the certificate of conformity (provided with each delivery) the reference of the standard according to which its own special processes have been qualified.

PLASTIVALOIRE Group must also be informed in case the supplier loses its certification of special process.

## **7. Compliance with customer specific requirements**

Key characteristics and special requirements which require specific follow up (see Lexicon chapter) are indicated in PLASTIVALOIRE Group purchasing specifications.

## **8. First Article Inspection (FAI)**

A First Article inspection must be carried out and formalized on a sample representative of the first mass production of a new product.

Target of the FAI is to verify that the production processes, the manufacturing and control files and the tools used will make it possible to produce products conform to the specified technical requirements.

The product which has been subject to the "First Article" inspection must be specifically identified upon delivery.

The "First Article" control is not applicable to standard or catalog products (item or material conforming to a specification published by an industry or a recognized national authority, all of whose characteristics are defined by a text, a normative definition or a catalog).

The "First Article" control report must include at least:

- The reference and version of the industrial file;
- If applicable, the reference to the "First Article" inspection reports of the primary parts and/or sub-assemblies;
- Declarations of conformity and/or test reports for raw materials, components and subcontracted operations;
- The results of the controls carried out (100% dimensional reports, non-destructive tests, mechanical tests, functional tests results, etc.);

- References and revision indices for specific final control means (tools, templates, test bench, etc.);
- The list of non-conformities detected and associated corrective actions if necessary.

The content of the first article inspection file will be communicated in the purchasing specifications.

A copy of the "First Article" report must be attached to the delivery documents for the first serial delivery of the concerned products.

"First Article" control activities must be partially or fully repeated in the following cases:

- After a manufacturing interruption of more than 24 months.
- After a modification of the definition affecting the geometry, interfaces or function of the product;
- After a change in supply sources, manufacturing processes, tooling, or manufacturing location that could potentially affect the geometry, interfaces and function of the product;
- After modification of specific tools;
- At the request of the PLASTIVALOIRE Group Buyer.

Whatever the above cases the supplier will inform PLASTIVALOIRE plant to know the FAI file to be submitted.

The PLASTIVALOIRE Group buyer and/or SQA pilot reserves the right to participate in the "First Article" inspection on the premises of the Supplier and/or its subcontractors.

## **9. Counterfeit part**

Definition of counterfeit part (according to AS9100 (EN9100)) :

An unauthorized copy, imitation, substitute, or modified part (e.g., material, part, component), which is knowingly misrepresented as a specified genuine part of an original or authorized manufacturer. Examples of a counterfeit part can include, but are not limited to, the false identification of marking or labelling, grade, serial number, date code, documentation, or performance characteristics.

The supplier must plan, implement and control processes to prevent the use of counterfeit or suspected parts and their inclusion in the product(s) delivered to PLASTIVALOIRE Group.

These arrangements must be implemented in a manner appropriate to the supplier's organization and the product,

Counterfeit part prevention processes should consider:

- training of appropriate persons in the awareness and prevention of counterfeit parts;
- application of a parts obsolescence monitoring program;
- controls for acquiring externally provided product from original or authorized manufacturers,
- authorized distributors, or other approved sources;
- requirements for assuring traceability of parts and components to their original or authorized manufacturers;
- verification and test methodologies to detect counterfeit parts;
- monitoring of counterfeit parts reporting from external sources;

- quarantine and reporting of suspect or detected counterfeit parts.

## **10. Certificate of conformity**

The supplier will systematically provide a certificate of conformity (according to NF EN 9163 for component or according to EN 10204-3.1 for raw material) with each delivery. See the special process chapter for the information to be provided when this chapter is applicable.

## **11. Products subject to expire**

In the event that the supplier delivers products subject to expire (like paints, glue, adhesive components...), the expiration date will be at least of 6 months after deliveries at PLASTIVALOIRE plant. Different expiration dates may be required on the PLASTIVALOIRE purchasing specification of the concerned supply

## **12. Documentation**

The archiving period of the complete documentation and records must be at least 20 years according to the current requirements of our customers. However, certain documents, such as production compliance records or PPAPs, must be kept for 50 years. See details in Safran requirements applicable to external service providers GRP-0087.

After archiving period the documents and records to be destroyed must be crushed.

## **13. Product safety**

The supplier shall plan, implement and control the processes needed to assure product safety during the entire product life cycle, as appropriate to the supplier organization and the product.

Examples of these processes include:

- assessment of hazards and management of associated risks;
- management of safety critical items;
- analysis and reporting of occurred events affecting safety;
- communication of these events and training of persons.

## **14. Staff awareness**

The supplier will ensure their staff are aware of:

- their contribution to product or service conformity;
- their contribution to product safety;
- the importance of ethical behavior

Company		PLASTIVALOIRE Group
Name		
Function		
Date		
Signature		