

CODE: **PQA005-L-IT-D en rev. 02**
DATE: **05/08/2021**
DOCUMENT TYPE: **POLICY**
APPLICABILITY: **Defence Systems Business Unit**

Quality Requirements for supplies of COTS products

SUMMARY:

This document describes the specific quality requirements for the supply of COTS products to the Defence Systems Business Unit of Leonardo S.p.A.

The general quality requirements for supplies to Leonardo-SDI are defined in the procedure PQA004-L-IT-D

The content of this document is the property of Leonardo S.p.A. It is forbidden to reproduce, disclose or use it, even partially, without the express written authorization of Leonardo S.p.A.

The document is available on the Defence Systems BU Intranet. Copies, both in electronic and paper format, shall be checked, before use, against the current version available on the Intranet.

Author[s]	Responsibility/Unit	Name/Signature
	Manufacturing & Engineering Quality Assurance	C. Pagni <i>signed</i>
Owner[s]		
	Process Owner - Product Quality Assurance	G. Sannino <i>Signed</i>
Authority		
	Process Authority - Product Quality Assurance	S. Violi <i>Signed</i>

For conformance to original Italian edition



Date: 2021/08/05

S. Violi

Process Authority – Product Quality Assurance

AMENDMENT RECORD

Rev.	Date	BMSCP	Description	Authors
00	15/03/2018	-	First issue	C. Pagni
01	22/10/2018	053	Whole document: updated ref. from AS/EN 9100 to UNI EN 9100:2018 Para. 2.1: canceled notes for the applicable version of AQAP-2110, EN 9100, ISO 9001	C. Pagni
02	05/08/2021	210	Complete revision of the document (due to their extension, changes are not tracked): <ul style="list-style-type: none"> • Document code updated • Introduced references to AQAP-2310 and AER (EP) .P-145; • Deleted reference to AER-Q-2110; • New supply classes have been introduced: "Mechanical Normalery and Electrical / Electronic Components" (RQF = B1) and "Chemical products, substances and mixtures" (RQF = B4); • Changed the RQF code of the supply class "COTS non Configuration Item" (from B1 to B5); • Introduced requirements relating to: REACH Regulation EU 1907/2006, ROHS Directive 2011/65 / EU, CLP Regulation EU 1272/2008 	C. Pagni

TABLE OF CONTENTS

1	INTRODUCTION	4
1.1	Purpose.....	4
1.2	Applicability.....	4
1.3	RQF code.....	4
2	REFERENCES	6
2.1	Documents.....	6
3	DEFINITIONS AND ACRONYMS	7
3.1	Definitions	7
3.2	Acronyms.....	7
4	GENERAL REQUIREMENTS.....	8
5	SPECIFIC REQUIREMENTS	9
5.1	Standard Mechanical Components and Electrical/Electronic Components (RQF = B1).....	9
5.2	COTS identified as Configuration Items (RQF = B2).....	12
5.3	COTS Software (RQF = B3)	15
5.4	COTS chemicals, substances and mixtures (RQF = B4)	17
5.5	COTS non Configuration Items (RQF = B5).....	19

1 INTRODUCTION

1.1 Purpose

The purpose of this document is to define the specific quality requirements for the supply of COTS products to the Defence Systems Business Unit of Leonardo S.p.A. (hereinafter SDI).

The document completes the requirements reported in PQA004-L-IT-D¹, developing in detail those applicable to the supply of COTS products.

1.2 Applicability

This document applies to Type B supplies, as identified in document PQA004-L-IT-D, to be incorporated into products intended for Leonardo-SDI customers.

1.3 RQF code

As required by document PQA004-L-IT-D, each supply is classified, in addition to its Type, also by a numerical index (Classification Index), which identifies in more detail the characteristics of the supply, and consequently the applicable quality requirements, and the activities and documents required from the supplier.

Type and Classification Index of a supply are indicated in the Purchase Order through the RQF Code associated with each position of the Order:

RQF Code = <Type> + <Classification Index>

Example:

*RQF = **B3** indicates the supply of a COTS software (Type **B**, IC = **3**).*

¹ The PQA004-L-IT-D document and all the additional quality requirements specified in the referenced PQAxxx procedures, are available in their latest version on the Suppliers portal of Leonardo SpA.

The following table shows the possible values of the RQF code for supplies of COTS products, with their associated characteristics. The activities and documents requested from the supplier are described in the following paragraphs.

RQF	Characteristics of the supply
B1	<p>Standard Mechanical components ("Normalery") and Standard Electrical/Electronic Components ("normalized"), available in the catalog, which are produced basing on requirements established by a technical regulatory body and not according to a "proprietary" technical specification (e.g. SCREW EN ISO 8765 - M14x1. 5x100; connector MIL-C-5015, ... etc.).</p> <p>These products have no safety impact.</p> <p>The supplier can be the manufacturer of the COTS product itself, or a distributor of products made by others.</p> <p><u>These products are not considered Configuration Items by Leonardo-SDI</u></p>
B2	<p>Commercial products ready-for-use and available in the catalog for sale to the public, made according to market needs and not under a specific contract for a specific customer (*).</p> <p>The supplier can be the manufacturer of the COTS product itself, or a distributor of products made by others.</p> <p>These products are considered Configuration Items by Leonardo-SDI</p> <hr/> <p>(* products of classes B1, B3 and B4 are excluded.</p>
B3	Software COTS products (Operating Systems, Graphic Libraries, Mathematical Libraries, ... ecc.).
B4	COTS chemical substances and mixtures
B5	Products with the same characteristics as RQF = B2 <u>but not considered Configuration Items by Leonardo-SDI.</u>

Table 1 – RQF codes for COTS supplies

2 REFERENCES²

2.1 Documents

Code	Title
Contractual (applicable when required by the Purchase Order or the Contract)	
AQAP 2110 Ed D	NATO Quality Assurance Requirements for Design, Development and Production
AQAP 2210 Ed A	NATO Supplementary Software Quality Assurance Requirements to AQAP-2110 or AQAP-2310
AQAP-2310 ed. B	NATO Quality management system requirements for aviation, space and defence suppliers
UNI EN 9100:2018	Quality Management Systems-Requirements for Aviation, Space and Defense Organizations.
UNI EN ISO 9001:2015	Quality Management System – Requirements.
AER(EP).P-145	Requirements for Maintenance Organisations
International Reference Standards	
ACMP 2100	Configuration Management Contractual Requirements.
AQAP 2070	NATO Mutual Government Quality Assurance (GQA) Process
ISO 10007:2003	Quality Management System - Guidelines for configuration management
STANAG 4107	Mutual Acceptance of Government Quality Assurance and usage of the Allied Quality Assurance Publications (AQAP).
UNI ISO 2859	Sampling Procedures for inspection by attributes
Mandatory Requirements³	
	Finmeccanica – Leonardo Organizational, Management and Control Model pursuant to Legislative Decree no. 231, 8 June 2001
	Finmeccanica- Leonardo Group - Code of Ethics and Anti-Corruption
	Consolidated Law on Health and Safety in the Workplace, Legislative Decree 81 of 9 April 2008 as amended
	Royal Decree-Law 262 of 16 March 1942, as amended, the 'CIVIL CODE', in particular Book IV - Section III.
	Law 192 of 18 June 1998 and Legislative Decree 231 of 9 October 2002, Rules on Subcontracting
	European Directives applicable to specific products
	REACH Regulation EU 1907/2006
	RoHS Directive 2011/65/UE
	CLP Regulation EU 1272/2008
Internal Reference Documentation	
PQA004-L-IT-D	Quality requirements for supplies to the Defence Systems Business Unit of Leonardo SpA
PRG651-T-IT-D	Template for ROHS Certificate

² Standard, documents and publications referenced without issue date or revision index, are intended in the latest version available

³ Additional mandatory requirements may be indicated in the PO.

3 DEFINITIONS AND ACRONYMS

3.1 Definitions

See document PQA004-L-IT-D.

3.2 Acronyms

Acronym	Description
AQAP	Allied Quality Assurance Publication
CLP	Classification Labelling and Packaging (EU regulations 1272/2008)
CoC	Certificate of Conformity
COTS	Commercial-Off-The-Shelf
GQAR	Government Quality Assurance Representative
ISO	International Standardization Organization
PO	Purchase Order
REACH	Registration Evaluation Authorization of Chemicals (EU regulations 1907/2006)
ROHS	Restriction of Hazardous Substances EU Directive (directive 2011/65/UE)
SDI	Defence Systems
SDS	Safety Data Sheet
S/N	Serial Number
SVHC	Substance of Very High Concern
STANAG	Standardization Agreement

4 GENERAL REQUIREMENTS

The following requirements, as set out in PQA004-L, shall apply to all supplies covered by this document:

- General requirements for the Supplier's Quality System;
- Documentation;
- Determining and reviewing requirements;
- Management of supplies from sub-tiers;
- Identification and traceability
- Control of nonconforming products;
- Product preservation;
- Right of access and support for the customer and GQAR (if requested in the order)

5 SPECIFIC REQUIREMENTS

5.1 Standard Mechanical Components and Electrical/Electronic Components (RQF = B1)

This paragraph applies to supplies of COTS Standard Mechanical small Components ("Normalery") and Standard Electrical/Electronic Components ("Normalized"), produced under requirements established by a technical regulatory body (e.g. Screw EN ISO 8765 - M14x1.5x100; Connector MIL-C-5015, ... etc.) and not according to some "proprietary" technical specification.

The supplier can be the manufacturer himself or a distributor of products made by others.

These products are not considered Configuration Items by Leonardo-SDI.

5.1.1 Manufacturer's documentation

This paragraph applies only if the supplier is also the manufacturer of the product supplied. If the supplier is a distributor, see paragraph 5.2.8.

Certificate of Conformity

The supplier shall provide for each supply a Certificate of Conformity (CoC) certifying that the product complies with the contractual requirements. The CoC shall include the following information as a minimum:

- Reference to the Leonardo-SDI PO number;
- Manufacturer's Part Number;
- Leonardo-SDI Part Number (if available and different from the manufacturer's one);
- Applicable data for product traceability (quantity, S/N, batch nr, manufacturing date, ... etc.);
- Explicit declaration of compliance with contractual requirements;
- Date and signature of the supplier.

REACH Declaration

Pursuant to the REACH regulation (EU standard 1907/2006), a REACH declaration under Art. 33 shall be produced for each supply item in which the presence or absence of SVHC substances (Substances of Very High Concern) in quantities exceeding 0.1% weight/weight. The supplier shall notify Leonardo-SDI using the appropriate form that can be downloaded from the Leonardo Spa supplier portal – link: <https://www.leonardocompany.com/it/suppliers/supplier-portal>.

The form shall be sent to Leonardo-SDI together with each supply and via email to: reach.declarations.electronics_ds@leonardocompany.com

The PO number of the supply shall be indicated in the subject of the e-mail.

5.1.2 Prevention of counterfeit parts

In order to prevent the supply of counterfeit parts, the supplier shall ensure Leonardo-SDI the full traceability of the sources used for the procurement of materials and components, and the availability of the related documentation chain.

5.1.3 Reporting of faulty products

The supplier shall notify Leonardo-SDI of any defects found on products already delivered previously. The requirement applies to all possible defects detected by the manufacturer, the distributor (if different from the manufacturer), or other users of the same product.

5.1.4 Limited life materials

Residual life

Unless otherwise requested in the PO, limited life materials shall have, upon receipt in Leonardo-SDI, a residual life of not less than 80% of the useful life indicated by the manufacturer.

Manufacturing an Expiry Date

In the case of limited life materials, the manufacturing date and the expiry date shall be indicated on the product or on the packaging of each individual item.

5.1.5 Specific requirements for electrical and electronic components

Date of shipment

Unless otherwise indicated in the PO, less than five years shall have elapsed between the manufacturing date and the shipping date.

Obsolescence

For electrical / electronic components that have entered the obsolescence phase, it is required that this status be declared together with the production end date.

ROHS Certificate

For supplies of Electrical and Electronic components, in compliance with the RoHS 2011/65/EU regulation, the supplier is required to draw up a certification as indicated in the specific form PRG651-T-IT-D (the latest fillable version is available in the Leonardo S.p.a. Supplier Portal – link: <https://www.leonardocompany.com/it/suppliers/supplier-portal>). The form shall accompany each supply and shall also be sent by e-mail to reach.declarations.electronics_ds@leonardocompany.com.

The PO number relating to the supply shall be indicated in the subject of the e-mail.

5.1.6 Acceptance of the Supply

If not specified in the order, Leonardo-SDI will not participate in the final tests conducted by the supplier to certify the conformity of the supply.

Following the delivery of the products, the supply will be subjected by Leonardo-SDI to acceptance test according to criteria which, on request, can be notified to the supplier.

The delivery is considered complete and compliant only if, in addition to the material, the required documentation has also been delivered and accepted by Leonardo-SDI.

5.1.7 Requirements for the distributor

This paragraph applies only if the supplier is a distributor and does not coincide with the manufacturer of the product supplied.

Original products

The products supplied shall be original and shall not be subject to alteration or modification respect to those made by the manufacturer.

Certificate of Conformity

The supplier shall associate each supply with a Certificate of Conformity (CoC) attesting that the supply complies with the contractual requirements and with the technical documentation referred to in the manufacturer's catalogues. The CoC shall include at least the following information:

- Reference to the Leonardo-SDI PO number;
- Manufacturer identification;
- Manufacturer's Part Number;
- Distributor's Part Number (if different from the Manufacturer's Part Number);
- Leonardo-SDI Part Number (if applicable and different from the Manufacturer's and the Distributor's Part Number);
- Applicable data for product traceability (quantity, S/N, batch nr, manufacturing date, ...etc.);
- Explicit declaration of conformity with the contractual requirements and with the technical documentation referred to in the manufacturer's catalogues;
- Date and signature of the distributor;
- Manufacturer's CoC (to be referenced and attached);
- Declaration that the supply is part of a supply from an authorized distributor/manufacturer whose CoC shall be attached.

Technical documents and other certificates from the manufacturer

The distributor shall associate the following documents, produced by the manufacturer, with each supply:

- REACH Declaration (if applicable, according to para. 5.1.1)
- ROHS Certificate (according to para. 5.1.5)
- Any other certificates relating to applicable requirements such as, for example:
 - characteristics of the materials used,
 - CE declaration of conformity (as applicable)
 - applicable mandatory rules,
 - applicable industry standards, etc.

5.2 COTS identified as Configuration Items (RQF = B2)

This paragraph applies to COTS products that are identified by Leonardo-SDI as Configuration Items. (see Table 1 – RQF = B2)

5.2.1 Manufacturer's documentation

This paragraph applies only if the supplier coincides with the manufacturer of the supplied product. If the supplier is a distributor, see para. 5.2.8.

Certificate of Conformity

The supplier shall associate each supply with a Certificate of Conformity (CoC) attesting that the product complies with the contractual requirements. The CoC shall include at least the following information:

- Reference to the Leonardo-SDI PO number;
- Supplier's Part Number;
- Leonardo-SDI Part Number (if applicable and different from the supplier's Part Number);
- Applicable data for product traceability (quantity, S/N, batch nr, manufacturing date, ...etc.);
- Explicit declaration of conformity with the contractual requirements;
- Date and signature of the supplier;

Technical Data Sheets and other certificates

The supplier shall associate each supply with:

- The Technical Data Sheets containing the characteristics of the products supplied;
- Any other certificates relating to applicable requirements such as, for example:
 - characteristics of the materials used,
 - CE declaration of conformity (as applicable)
 - applicable mandatory rules,
 - applicable industry standards, etc.

Test Report

The supplier shall document the outcome of the final checks (functional, dimensional, visual) conducted on the supply batches and/or the individual products supplied, and if requested in the order shall associate the relevant Test Reports with the supply.

REACH Declaration

Pursuant to the REACH regulation (EU standard 1907/2006), a REACH declaration under Art. 33 shall be produced for each supply item in which the presence or absence of SVHC substances (Substances of Very High Concern) in quantities exceeding 0.1% weight/weight. The supplier shall notify Leonardo-SDI using the appropriate form that can be downloaded from the Leonardo Spa supplier portal – link: <https://www.leonardocompany.com/it/suppliers/supplier-portal>.

The form shall be sent to Leonardo-SDI together with each supply and via email to: reach.declarations.electronics_ds@leonardocompany.com

The PO number of the supply shall be indicated in the subject of the e-mail.

5.2.2 Prevention of counterfeit parts

In order to prevent the supply of counterfeit parts, the supplier shall ensure Leonardo-SDI the full traceability of the authorized sources used for the procurement of materials and components, and the availability of the related documentation chain.

5.2.3 Reporting of faulty products

The supplier shall notify Leonardo-SDI of any defects found on COTS products already delivered previously. The requirement applies to all possible defects detected by the distributor (if different from the manufacturer), the manufacturer or other users of the same product.

5.2.4 Limited life materials

Residual life

Unless otherwise requested in the PO, limited life materials shall have, upon receipt in Leonardo-SDI, a residual life of not less than 80% of the useful life indicated by the manufacturer.

Manufacturing and Expiry Date

In the case of limited life materials, the manufacturing date and the expiry date shall be indicated on the product or on the packaging of each individual item.

5.2.5 Specific requirements for electrical and electronic products

Date of shipment

Unless otherwise indicated in the PO, less than 5 years shall have elapsed between the manufacturing date and the shipping date and, if the supplier is the manufacturer, evidence of a test report not older than one year is required.

Obsolescence

For electrical / electronic products that have entered the obsolescence phase, it is required that this status be declared together with the production end date.

ROHS Certificate

For supplies of Electrical and Electronic Equipment, in compliance with the RoHS 2011/65/EU regulation, the supplier is required to draw up a certification as indicated in the specific form PRG651-T-IT-D (the latest fillable version is available in the Leonardo S.p.a. Supplier Portal – link: <https://www.leonardocompany.com/it/suppliers/supplier-portal>). The form shall accompany each supply and also be sent by e-mail to: reach.declarations.electronics_ds@leonardocompany.com.

The PO number of the supply shall be indicated in the subject of the e-mail

5.2.6 Filler material, welding shielding gas

These are materials used to carry out welding processes: wire-gas, coated electrodes and rods.

For this type of materials the supplier, in addition to the Certificate of Conformity, shall also send the following documents:

- Chemical Analysis Certificate of the casting,
- Certificate of mechanical characteristics,
- Identification of the characteristics on the welding wire/electrode container

The welding shielding gas shall comply with UNI ISO 14175, to be recalled on the relevant Certificate of Conformity together with the characteristics of the gas.

5.2.7 Acceptance of the Supply

If not specified in the PO, Leonardo-SDI will not participate in the final tests carried out by the supplier to certify the conformity of the supply.

Following the delivery of the products, the supply will undergo Leonardo-SDI's acceptance testing according to criteria which, on request, can be notified to the supplier.

For supplies divided into batches, the acceptance test shall be conducted according to the criteria of UNI ISO 2859 (otherwise, if required in the PO, the criteria of MIL-STD-105E shall be applied).

The supply is considered complete and compliant only if, in addition to the material, the required documentation has also been delivered and accepted by Leonardo-SDI.

5.2.8 Requirements for the distributor

This paragraph applies only if the supplier is a distributor and does not coincide with the manufacturer of the product supplied.

Original products

The products supplied shall be original and shall not be subject to alteration or modification respect to those made by the manufacturer.

Certificate of Conformity

The supplier shall associate with each supply a Certificate of Conformity (CoC) attesting that the supply complies with the contractual requirements and with the technical documentation referred to in the manufacturer's catalogues. The CoC shall include at least the following information:

- Reference to the Leonardo-SDI PO number;
- Identification of the Manufacturer;
- Manufacturer's Part Number (P/N);
- Distributor's P/N (if different from the Manufacturer's P/N);
- Leonardo-SDI P/N (if applicable and different from Manufacturer's and Distributor's P/N);
- Applicable data for product traceability (quantity, S/N, batch nr, manufacturing date, ...etc.);
- Explicit declaration of conformity with the contractual requirements and with the technical documentation referred to in the manufacturer's catalogues;
- Date and signature of the distributor;
- Manufacturer's CoC (to be referenced and attached);
- Declaration that the supply is part of a supply from the authorized distributor/manufacturer.

Technical documents and other certificates from the manufacturer

The distributor shall associate the following documents produced by the manufacturer with each supply:

- The Technical Data Sheets containing the characteristics of the products supplied;
- REACH Declaration (if applicable, according to para. 5.2.1);5.1.1
- ROHS Certificate (if applicable, according to para. 5.2.5);
- Any other certificates relating to applicable requirements such as, for example:
 - characteristics of the materials used,
 - CE declaration of conformity (as applicable)
 - applicable mandatory rules,
 - applicable industry standards, etc.

Test Report

Where applicable, on request by Leonardo-SDI, the distributor shall make available the Test Reports of the checks (functional, dimensional, visual) carried out by the distributor himself on the batches or individual products supplied

5.2.9 Requirements for Configuration Management

The supplier shall ensure:

- The availability over time of equivalent components in terms of Form, Fit & Function;
- A last buy option in the event that the availability of functionally equivalent products should fail due to obvious obsolescence problems;
- Preventive information, throughout the life cycle, on all changes, both HW and SW, proposed on the product and/or its production process;
- Configuration control of the product according to the requirements specified in the document PQA004-L-IT-D (paragraph: "*Configuration Management System*").

5.3 COTS Software (RQF = B3)

This paragraph applies to supplies of COTS software (Operating Systems, Graphic Libraries, Mathematical Libraries, ... etc.).

Quality Standard

The supplier shall implement a Software Quality Management System which complies with the requirements specified by Leonardo-SDI in the PO.

The supplier shall indicate in the software documentation the quality standard applied for software development.

Configuration Management

The supplier⁴ shall ensure that the supplied COTS software is under configuration management in accordance with the requirements specified in PQA004-L-IT-D (paragraph: "*Configuration Management*").

Documentation

The supplier shall deliver the software accompanied by the documentation required in the PO

⁴ Regardless of whether the supplier is *the producer* or *a distributor* of the software, the requirement applies anyway.

In the absence of instructions from Leonardo-SDI, the software shall in any case be accompanied by appropriate documentation describing its technical characteristics and use (functionalities, interfaces, HW requirements, installation methods, user manual, etc.).

Functionality

On request, the supplier shall provide objective evidence that the software is capable of performing the functions described in the accompanying technical documentation.

Certificate of Conformity (CoC)

The supplier shall associate each supply with a Certificate of Conformity attesting that the software complies with the contractual requirements and the information contained in the accompanying technical documentation.

The CoC shall include at least the following information:

- Reference to the Leonardo-SDI PO number;
- Identification of the producer (if different from the supplier);
- Software Part Number and revision index, according to the standard of the producer;
- Quantity and serial numbers of the user licences issued;
- Explicit declaration of conformity with the contractual requirements and the technical documentation associated with the software;
- Date and signature of the supplier

User license

The software shall be accompanied by the relevant user licenses, such that:

- They are in the quantity requested in the PO;
- They define the legal rules governing circulation and restrictions on the use of the software;
- They have unlimited duration over time (unless otherwise specified in the order);
- They allow the software to be transferred to the Leonardo-SDI customer

The licenses shall be attached to the CoC or, alternatively, they may be delivered in electronic form on the physical medium containing the software.

Software delivery

The software shall be transferred to Leonardo-SDI on a packaged medium in such a way as to ensure its identification and integrity upon delivery.

The software shall be delivered with the CoC and associated technical documentation.

Acceptance of the supply

Following delivery, the software shall be subjected by Leonardo-SDI to acceptance testing according to criteria which, on request, can be notified to the supplier.

The supply is considered complete and compliant only if, in addition to the Software, the relative documentation has also been delivered and accepted by Leonardo-SDI.

5.4 COTS chemicals, substances and mixtures (RQF = B4)

This paragraph applies to supplies of chemicals, substances and mixtures (see Table 1 - Products with RQF = B4)

5.4.1 Documentation of the manufacturer / formulator

*This paragraph applies only if the supplier coincides with the manufacturer / formulator of the supplied product. If the supplier is a distributor, see par. **Errore. L'origine riferimento non è stata trovata.***

Certificate of Conformity

The supplier shall associate each supply with a Certificate of Conformity (CoC) attesting that the product complies with the contractual requirements. The CoC shall include at least the following information:

- Reference to the Leonardo-SDI PO number;
- Manufacturer's Part Number;
- Leonardo-SDI Part Number (if applicable and different from the manufacturer's Part Number);
- Applicable data for product traceability (quantity, S/N, batch nr, manufacturing date, ...etc.);
- Explicit declaration of conformity with the contractual requirements;
- Date and signature of the supplier.

Safety Data Sheets (SDS)

In compliance with REACH and CLP regulations, the Safety Data Sheet in Italian language shall be provided for each chemical product, substance, and/or mixture supplied. The SDSs shall accompany each supply, and shall also be sent by email to reach.msds.electronics_ds@leonardocompany.com. The PO number relating to the supply shall be indicated in the subject of the email.

The contents of the Safety Data Sheets shall be compliant with the applicable legal requirements

5.4.2 Prevention of counterfeit products

In order to prevent the supply of counterfeit products, the supplier shall ensure Leonardo-SDI the full traceability of the authorized sources used for the procurement of substances and components, and the availability of the related documentation chain.

5.4.3 Reporting of faulty products

The supplier shall notify Leonardo-SDI of any defects found on products already delivered previously. The requirement applies to all possible defects detected by the formulator, the distributor (if different from the formulator), or other users of the same product.

5.4.4 Limited life substances

Residual life

Unless otherwise requested in the PO, limited life substances shall have, upon receipt in Leonardo-SDI, a residual life of not less than 80% of the useful life indicated by the formulator.

Manufacturing and Expiry Date

For substances with a limited life, the date of manufacture and expiry shall be indicated on the product or on the packaging of each individual item.

5.4.5 Label

Chemical products shall be properly labeled in accordance with the requirements of the CLP regulation

5.4.6 Acceptance of the Supply

Following the delivery of the products, the supply shall undergo Leonardo-SDI's acceptance testing according to criteria which, on request, can be notified to the supplier.

For supplies divided into batches, the acceptance test shall be conducted according to the criteria of UNI ISO 2859 (otherwise, if required in the PO, the criteria of MIL-STD-105E shall be applied).

The supply is considered complete and compliant only if, in addition to the material, the required documentation has also been delivered and accepted by Leonardo-SDI.

5.4.7 Requirements for the distributor

This paragraph applies only if the supplier is a distributor and does not coincide with the manufacturer/formulator of the product supplied.

Original products

The products supplied shall be original and shall not be subject to alteration or modification respect to those made by the manufacturer/formulator.

Certificate of Conformity

The supplier shall associate with each supply a Certificate of Conformity (CoC) attesting that the supply complies with the contractual requirements and with the technical documentation referred to in the manufacturer's catalogues. The CoC shall include at least the following information:

- Reference to the Leonardo-SDI PO number;
- Identification of the manufacturer;
- Manufacturer's Part Number (P/N);
- Distributor's P/N (if different from the Manufacturer's P/N);
- Leonardo-SDI P/N (if applicable and different from Manufacturer's and Distributor's P/N);
- Applicable data for product traceability (quantity, S/N, batch nr, manufacturing date, ...etc.);
- Explicit declaration of conformity with the contractual requirements and with the technical documentation referred to in the manufacturer's catalogues;
- Date and signature of the distributor;
- Manufacturer's CoC (to be referenced and attached);
- Declaration that the supply is part of a supply from the authorized distributor/manufacturer.

Documentation and other certificates from the manufacturer

The distributor shall associate the following manufacturer's documents with each supply:

- Safety Data Sheets (SDS) of the products supplied in accordance with the indications of par. 5.4.1;
- Any other certificates relating to applicable requirements such as, for example:
 - CE declaration of conformity (as applicable)
 - applicable mandatory rules,
 - applicable industry standards, etc.

5.5 COTS non Configuration Items (RQF = B5)

This paragraph applies to supplies of COTS products that are not identified by Leonardo-SDI as a Configuration Item (see Table 1 - RQF = B5).

For these products the supplier shall ensure:

- Compliance with the requirements expressed in par. 5.2 of this document and its sub-paragraphs, with the exclusion of paragraph 5.2.9.