

QRSK-01 - Quality requirements for AW09 suppliers

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1 Introduction

1.1 Scope

This document defines the specific requirements for suppliers of AW09 program.

1.2 Summary and purpose

The complete set of requirements that each supplier commits to fulfil for providing Articles and/or Services are described in the main LH document (QRS-01 Quality Requirements for Suppliers) including its associated modules and in Kopter BS 10144444 and BS 10167421.

The present document clarifies the specific applicability and exclusions of QRS-01 requirements including related modules, and where requirements/modules are excluded, reference is made to Kopter BS 10144444 and BS 10167421.

1.3 Applicability

The present document “QRSK-01 - Quality requirements for AW09 suppliers” is applicable to all types of suppliers having an activity related to the program AW09. These requirements shall be flowed-down to all sub-tier suppliers involved in fulfillment of the contract/purchase order related to AW09 program.

When QRS-01 and/or QRS-XXX modules are called out in a Kopter AW09 Purchase order, the present document (“QRSK-01 - Quality requirements for AW09 suppliers”) is also applicable and the QRS-XXX modules apply according paragraphs 2 and 3.

The requirements defined in the present document prevail over QRS-01 requirements when there is a conflict.

When “Quality control” is mentioned in QRS-01 and/or QRS-XXX modules, read “Kopter Product Quality”. Kopter Product Quality shall be contacted at: productquality@koptergroup.com.

Any deviations, further exclusions, waivers shall be agreed in writing with Kopter Supplier Quality Assurance (Kopter Supplier Quality Engineers, SQEs).

1.4 Ownership

Kopter Supplier Quality Assurance.

1.5 Effective date

The document is effective starting from 3rd July 2023.

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2 Exclusions

The following modules of QRS-01 are not applicable to AW09:

- QRS-100 - Digital Manufacturing
- QRS-115 - Requirements for Design & Development Suppliers of Airborne Equipment
- QRS-116 - Software Development, Quality Requirements for Suppliers
- QRS-117 - Complex Electronic Hardware, Quality Requirements for Suppliers
- QRS-118 - Requirements for Laboratories and Manufacturers of Non-Airborne Equipment for LH Engineering
- QRS-122 - Supplier Component Maintenance / Operating Manuals management

For the above mentioned subjects, the requirements contained in Kopter BS 10144444 and BS 10167421 apply.

3 Applicable QRS-XXX Modules

The following LH documents apply, with the specific adaptations and/or exclusions described in the next paragraphs:

- QRS-01 - Main Document
- QRS-101 - First Article Inspection
- QRS-103 - Quality Req. for Subcontractors, GSE, Stockists of Raw Material, Distributors
- QRS-104 - Special Processes
- QRS-105 - Management of LH Equipment and Tools
- QRS-107 - Management of Non-Conforming Articles
- QRS-108 – Quality Plan
- QRS-110 - DO-PO arrangements
- QRS-130 - Flow-down of LH Requirements to Sub-Tier Suppliers

3.1 Definitions

Ref. QRS-01 Main Document – Paragraph 6.2 (Definitions):

- The definition of supplier category *Manufacturer* is synonymous with *Build to Specification (or Build-to-spec or Make to Specification)* supplier
- The definition of supplier category *Subcontractor* is synonymous with *Build to Print (or Make to Print)* supplier

3.2 QRS-01 - Main Document

The QRS-01 Main Document applies entirely, with the specific adaptations and/or exclusions here described:

- Paragraph 3 (Applicability): exclusions as identified in Paragraph 3 of the present document
- Paragraphs 9 (Supplier Selection, Approval, Responsibility and Control) and Paragraph 10 (Purchasing): applicable for Suppliers directly approved by Leonardo Helicopters
- Paragraph 11 (Production and Service Provision): where “Leonardo Helicopters” (or LH) is mentioned, read “Kopter”

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- Paragraph 11.8 (REACH Regulation and environmental aspects): not applicable but REACH regulation shall be mandatorily applied and fulfilled when requested by the purchase order
- Paragraph 12 (Control of Records), 13 (Delivery Documentation), 14 (Control Plans for Deliveries): where “Leonardo Helicopters” (or “LH”) is mentioned, read “Kopter”
- Paragraph 19 (Annexes, Appendices and Forms):
 - QRS-01_Appendix 1 – Record Retention Table > To be considered as a Guideline
 - QRS-01_Appendix 2 – Additional Program Requirements > Applicable
 - QRS-01_Appendix 3 – Requirements for Articles to deliver to LH Customer Support and Service > Not Applicable
 - QRS-01_Appendix 4 – Counterfeit Electrical, Electronic, and Electromechanical (EEE) Parts > To be considered as a Guideline
 - QRS-01_F02 – REACH Declaration form > Not Applicable if not requested by purchase order
 - QRS-01_F03 – Manufacturing Inspection Report form > Applicable where requested by Purchase Order
 - QRS-01_F04 – Log Card Form > Applicable
 - QRS-01_F05 – Request For Variation Approval form > Applicable

3.3 QRS-101 – First Article Inspection

The QRS-101 applies entirely, with the specific adaptations and/or exclusions here described:

- Where “Leonardo Helicopters” (or “LH”) is mentioned and the purchase order is placed directly by Kopter or the supplier is a Manufacturer as Engineering Focal Point, read “Kopter”.
- First Article Inspection is required for Type Certification purposes for CR, P and S parts, as per Purchase Order.
- The FAI Report (FAIR) shall be submitted by the supplier to productquality@koptergroup.com and approved by Product Quality before the part delivery.
- Kopter Manufacturing engineering shall be contacted at the following email address: Manufacturing.Engineering@koptergroup.com
- The supplier is entitled to use either the LH FAIR template, or the one provided by Kopter or any other form compliant with the EN9102 requirements.
- Kopter reserves the right to witness the First Article Inspection activities at the supplier facility.
- Chapter 2 (Applicability): this procedure is applicable to all Leonardo Helicopters and Kopter suppliers

3.4 QRS-103 - Quality Req. for Subcontractors, GSE, Stockists of Raw Material, Distributors

The QRS-103 applies entirely, with the specific adaptations and/or exclusions here described:

- Where “Leonardo Helicopters” (or “LH”) is mentioned and the purchase order is placed directly by Kopter, read “Kopter”.

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- Paragraph 5.4: For Kopter specific special process requirements (i.e. Kopter special process specification, Special process not approved by Leonardo but approved by Kopter, etc), BS10144444 applies.

3.5 QRS-104 - Special Processes

The QRS-104 applies entirely for Leonardo specifications (AWPS) and standard requirements, with the specific adaptations and/or exclusions here described:

- For Kopter specific special process requirements (i.e. Kopter special process specification, Special process not approved by Leonardo but approved by Kopter, etc), BS10144444 applies.

3.6 QRS-105 - Management of LH Equipment and Tools

The QRS-105 applies entirely, with the specific adaptations and/or exclusions here described:

- Where “Leonardo Helicopters” (or “LH”) is mentioned, read “Kopter”.

3.7 QRS-107 - Management of Non-Conforming Articles

The QRS-107 applies entirely, with the specific adaptations and/or exclusions here described:

- Where “Leonardo Helicopters” (or “LH”) is mentioned and the purchase order is placed directly by Kopter, read “Kopter”.
- All applicable QRS-107 forms shall be submitted at least in english version.
- Paragraph 5.3: The Supplier shall also notify escapes/quality alerts to the contact productquality@koptergroup.com

3.8 QRS-108 - Quality Plan

The QRS-108 applies entirely, with the specific adaptations and/or exclusions here described:

- Where “Leonardo Helicopters” (or “LH”) is mentioned and the purchase order is placed directly by Kopter or the supplier is a Manufacturer, read “Kopter”.
- Chapter 6: The supplier shall submit the Quality Plan to the Kopter focal point as indicated in the table below. The supplier will receive back the approved Quality Plan by Kopter.

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QP Type	Use	Kopter focal point	Kopter Approver
Supplier alignment to QRSK-01 requirements	To be used in case a supplier has a QMS certification below QRSK-01 requirements or in case of deviation request from QRSK-01	Kopter SQE	Kopter SQE Team Leader
Build-to-spec suppliers	Design and manufacture of new parts or design changes to already approved parts	Kopter SQE	Kopter SQE Team Leader
Build-to-print	For build-to-print suppliers of critical parts without holding a Part 21G certification (or equivalent)	Kopter Product Quality	Product Quality Manager

DO/(IPO)/PO arrangement with Kopter		Kopter SQE	Kopter SQE Team Leader
Any other		Kopter SQE	Kopter SQE Team Leader

- Slight deviations to Kopter requirements can be agreed in a compliance matrix.

3.9 QRS-110 - DO-PO arrangements

The QRS-110 applies entirely, with the specific adaptations and/or exclusions here described:

- Where “Leonardo Helicopters” (or LH) is mentioned, read “Kopter”,
- Kopter template of Form 10045744 shall be used in lieu of Leonardo F01,
- Kopter template of Form 11036568 shall be used in lieu of Leonardo F03.

3.10 QRS-130 - Flow-down of LH Requirements to Sub-Tier Suppliers

The QRS-130 applies entirely with the specific adaptations and/or exclusions here described:

- Where “Leonardo Helicopters” (or LH) is mentioned, read “Kopter”.
- Paragraph 5.8: not applicable as per exclusions in section 2 of this document.

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4 Document information

4.1 Definitions/ Abbreviations

Table 1: Abbreviations

Abbreviation	Meaning
BS	(Kopter) Business Standard
DO	Design Organisation
EEE	Electrical, Electronic and Electromechanical
GSE	Ground Support Equipment
LH	Leonardo Helicopters
NCR	Non Conformity Report
PO	Production Organisation
REACH	Registration, Authorisation and Restriction of Chemicals

4.2 References

kopter Documents

Reference description	Name / Description
BS 10144444	PO Supplier Quality Requirements
BS 10167421	DO quality requirements
T 10045744	DO-PO arrangement
11036569	IPO-PO Arrangement
11036568	Statement of Approved Design Data (SADD)

External Documents

Reference description	Name / Description
QRS-01	Quality Requirements for Suppliers
QRS-100	Digital Manufacturing – DMFG
QRS-101	First Article Inspection
QRS-103	Quality Req. for Subcontractors, GSE, stockists of Raw Material, Distributors
QRS-104	Special Processes
QRS-105	Management of LH Equipement and tools
QRS-107	Management if Non-Conforming Articles
QRS-108	Supplier Quality Plan
QRS-110	DO-PO Arrangement
QRS-115	Requierments for Design & Development Suppliers of Airborne Equipment
QRS-116	Software Development, Quality requirement for suppliers
QRS-117	Complex Electronic Hardware, Quality Requirements for Suppliers
QRS-118	Requirements for Laboratories amd Manufacturers of Non.Airborne Equipment for LH Engineering
QRS-122	Supplier Component Maintenance / Operating Manuals management
QRS-130	Flow-down of LH Requirements to Sub-Tier Suppliers

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4.3 Revisions

Revision	Comment	Rev. Date	Name
A	First issue.	September 2021	A. Daguenet
B	§2, §3: Moved QRS-103, QRS-105, QRS-107 and QRS.130 from “Exclusions” to “Applicable”. Added §3.4: QRS-103 Added §3.6: QRS-105 Added §3.7: QRS-107 Added §3.10: QRS-130	12/06/2023	P. Bertucci

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