Purpose of this document: to check compliance to the Leonardo Helicopters QUALITY REQUIREMENTS FOR SUPPLIERS OF AWHERO

(QRS – AWHERO – 001 Issue 02 and associated Modules) as available in the Leonardo Company website:

<https://www.leonardocompany.com/en/suppliers/supplier-portal/helicopters/quality-requirements-for-suppliers>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Summary of Leonardo Helicopters Quality Requirements for Suppliers** | | | | |
| **Doc Ref.** | **Title** | **Applicability**  **(Yes or No)** | **Status of compliance\*** | **Comments** |
| QRS-AWHERO-001 | QUALITY REQUIREMENTS FOR SUPPLIERS OF  AWHERO |  |  |  |
| QRS-AWHERO-001\_Appendix 1 | REQUIREMENTS FOR DESIGN AND DEVELOPMENT SUPPLIERS OF AIRBORNE AND GROUND STATION EQUIPMENT |  |  |  |
| QRS-01 | Quality Requirements for Suppliers - Main document |  |  |  |
| QRS-101 | First Article Inspection |  |  |  |

\*Status of Compliance can be: **Compliant**, **Partially Compliant**, **N.A.** (Not Applicable). *In the case of “Not Compliant”, "Partially Compliant" or "Not Applicable" in the "Status of compliance" column, please insert how the Supplier is intended to answer the requirement*

All the procedures and applicable forms are available on the above Leonardo Helicopters website for download. Before to fill the form, the *[Supplier Name]* quality organization will check the current revision of QRS-AWHERO-01 and associated Modules and forms on the Leonardo Helicopters website.

Conformity to QRS\_AWHERO\_001 QUALITY REQUIREMENTS FOR SUPPLIERS OF AWHERO – Main Document, Issue 02

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter** | **Requirements** | **Status of Compliance \*** | **Action Plan / Notes** | **Date** |
| **3** | **GENERAL REQUIREMENTS** | Title |  |  |
| 3.1 | Order confirmation |  |  |  |
| 3.2 | Order review |  |  |  |
| 3.3 | Ban on transfer |  |  |  |
| 3.4 | Retention of title |  |  |  |
| 3.5 | Testing |  |  |  |
| 3.6 | Order acceptance |  |  |  |
| 3.7 | Suspect or counterfeit parts |  |  |  |
| **4** | **ENGINEERING REQUIREMENTS** | Title | *Ref. to Annex 1 of QRS\_ AWHERO\_\_001* |  |
| 4.1 | Design & Development (if applicable Appendix 1) |  |  |  |
| **5** | **MANUFACTURING ENGINEERING** | Title |  |  |
| *5.1* | *Work Cycles and Control Plan* | *Subtitle* |  |  |
| 5.1.1 | Work cycles and methods |  |  |  |
| 5.1.2 | Information in the cycle |  |  |  |
| 5.1.3 | Specific equipment |  |  |  |
| 5.1.4 | Filing of production documents |  |  |  |
| 5.1.5 | Critical operations |  |  |  |
| 5.1.6 | Documentation |  |  |  |
| **Chapter** | **Requirements** | **Status of Compliance \*** | **Action Plan / Notes** | **Date** |
| *5.2* | *Management of amendments to manufacturing documents* | *Subtitle* |  |  |
| 5.2.1 | Modifications to cycles |  |  |  |
| 5.2.2 | Management of changes |  |  |  |
| 5.2.3 | Customer information |  |  |  |
| 5.2.4 | Authorization of supplier responsibility modifications of non-critical pars |  |  |  |
| **6** | **PRODUCTION EQUIPMENT** | Title |  |  |
| 6.1 | Customer ownership |  |  |  |
| 6.2 | Tooling Inventory |  |  |  |
| 6.3 | Identification |  |  |  |
| 6.4 | Maintenance |  |  |  |
| **7** | **PRODUCTION** | Title |  |  |
| 7.1 | Planning |  |  |  |
| 7.2 | Work order - traceability |  |  |  |
| 7.3 | Quality assurance |  |  |  |
| 7.4 | Serial number |  |  |  |
| 7.5 | Special processes |  |  |  |
| 7.6 | Sub supplier’s |  |  |  |
| **8** | **TESTS REQUIRED** | Title |  |  |
| 8.1 | Conformity to DBT |  |  |  |
| 8.2 | Documentation |  |  |  |

\* Status of Compliance can be: **Compliant**, **Not Compliant**, **Partially Compliant**, **N.A.** (Not Applicable)

*In case of “Not Compliant”, "Partially Compliant" or "N. A." please specify the reason. Identify an action plan if “ Not Compliant “or "Partially Compliant".*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter** | **Requirements** | **Status of Compliance \*** | **Action Plan / Notes** | **Date** |
| **9** | **QUALITY REQUIREMENTS** | Title |  |  |
| *9.1* | *Supplier Selection, Approval and Responsibility* | *Subtitle* |  |  |
| 9.1.1 | Supplier 9100 certification and LH rights |  |  |  |
| 9.1.2 | Sub-tier Suppliers |  |  |  |
| *9.2* | *Management of nonconformities* | *Subtitle* |  |  |
| 9.2.1 | Corrective actions following the NC |  |  |  |
| 9.2.2 | NC identified by the Supplier |  |  |  |
| 9.2.3 | NC identified by the Customer |  |  |  |
| 9.2.4 | CoC/ EASA Form1 |  |  |  |
| *9.3* | *Requests for modifications* | *Subtitle* |  |  |
| 9.3.1  9.3.2  9.3.3 | Requests for a Concession/Deviation |  |  |  |
| 9.3.4 | Prevention and control of counterfeit or suspect parts |  |  |  |
| 9.3.5 | Preliminary evaluation |  |  |  |
| 9.3.6 | Deviations |  |  |  |
| **10** | **SPECIAL PROCESSES** | Title |  |  |
| 10.1 | Special Processes reference |  |  |  |
| 10.2 | Evidence of the Qualification |  |  |  |
| **11** | **FIRST ARTICLE INSPECTION (FAI)** | Title |  |  |
| 11.1 | FAI Requirements | Title |  |  |
| 11.2 | FAIR Status |  |  |  |
| 11.3 | FAI Plan |  |  |  |
| 11.4 | FAIR |  |  |  |
| **12** | **DOCUMENTATION REQUIREMENTS** | Title |  |  |
| 12.1 | Documentation |  |  |  |

\* Status of Compliance can be: **Compliant**, **Not Compliant**, **Partially Compliant**, **N.A.** (Not Applicable)

*In case of “Not Compliant”, "Partially Compliant" or "N. A." please specify the reason. Identify an action plan if “ Not Compliant “or "Partially Compliant".*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter** | **Requirements** | **Status of Compliance \*** | **Action Plan / Note** | **Date** |
| 12.2 | Status of issue |  |  |  |
| **13** | **MARKING OF PARTS** | Title |  |  |
| 13.1 | Identification |  |  |  |
| 13.2 | Serial Numbers |  |  |  |
| 13.3 | Serialized Articles |  |  |  |
| **14** | **WEIGHT CONTROL** | Title |  |  |
| 14.1 | Scales |  |  |  |
| 14.2 | Weighing |  |  |  |
| **15** | **LOGISTICS, PRESERVATION, PACKAGING AND SHIPMENT** | Title |  |  |
| 15.1 | Requirements |  |  |  |
| 15.2 | Shipment |  |  |  |
| 15.3 | Preservation and packaging |  |  |  |
| 15.4 | Critical parts |  |  |  |
| 15.5 | Specification |  |  |  |

\* Status of Compliance can be: **Compliant**, **Not Compliant**, **Partially Compliant**, **N.A.** (Not Applicable)

*In case of “Not Compliant”, "Partially Compliant" or "N. A." please specify the reason. Identify an action plan if “ Not Compliant “or "Partially Compliant".*

*.*

**QRS-AWHERO-001\_Appendix 1**

**Compliance Matrix**

**Procedure Subjects VS Supplier typology (applicable to suppliers carrying out D&D)**

*D = Supplier engaged with SCDD; M = Supplier engaged with SCDM; Q = Supplier responsible fordemonstration of compliance to the requirements; T = (E)TSO Supplier; “ S = Off-The-Shelf Supplier;*

*P = Partially applicable; refers to the note and/or the relevant paragraph; X = Complete applicability*

For suppliers of *“D”* or *“M”* typology also responsible for demonstration of compliance, the requirements defined for *“Q”* typology shall be added.

| **Subjects** | **Applicability** | | | | | **Meet** | **Not Meet** | **Notes** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **D** | **M** | **Q** | **T** | **S** |
| General requirements  (§5.1) | X | X |  |  |  |  |  |  |
| General requirement of Quality System  (§5.1.1) | X | X |  |  | X |  |  |  |
| Supplier organization  (§5.1.2) | X | X |  |  | P |  |  |  |
| Program requirements  (§5.1.3) | X | X |  |  |  |  |  |  |
| Sub-tier suppliers requirements  (§5.1.4) | X | X |  |  | X |  |  |  |
| Process phases  (§5.2) | X | P |  |  |  |  |  |  |
| General  (§5.2.1) | X | X |  |  |  |  |  |  |
| Process description  (§5.2.2) | X | X |  |  |  |  |  |  |
| Preliminary Design  (§5.2.2.1) | X | P |  |  |  |  |  |  |
| Detailed Design  (§5.2.2.2) | X | P |  |  |  |  |  |  |
| Test Authorization  (§5.2.2.3) | X | P | X |  | X |  |  |  |
| Flight authorization  (§5.2.2.4) | P |  | X |  | P | . |  |  |
| Qualification  (§5.2.2.5) | P |  | X |  | P |  |  |  |
| Continued Airworthiness  (§0) | X | P | X | X | X |  |  |  |
| Production  (§5.2.2.6.1) | X | X | X | X | X |  |  |  |
| Continued Airworthiness rules  (§5.2.2.6.2) | X | P | X | X | X |  |  |  |
| Design specific requirements  (§5.3) | X | X | X |  |  |  |  |  |
| Documentation requirements  (§5.3.1) | X | X | X |  |  |  |  |  |
| Detailed Technical Specification  (§5.3.1.1) | X |  |  |  | X |  |  |  |
| Qualification Program Plan (QPP)  (§5.3.1.2) | P |  | X |  | X |  |  |  |
| Qualification documents (QD)  (§5.3.1.3) | P |  | X |  | X |  |  |  |
| Qualification Test Proposal (QTP)  (§5.3.1.3.1) | P |  | X |  |  |  |  |  |
| Qualification Test Result (QTR)  (§5.3.1.3.2) | P |  | X |  | X |  |  |  |
| Analysis report (AR)  (§5.3.1.3.3) | P |  | X |  |  |  |  |  |
| Similarity justification  (§5.3.1.3.4) | P |  | X |  |  |  |  |  |
| Acceptance Test Procedure (ATP)  (§5.3.1.3.5) | X | X |  |  |  |  |  |  |
| Maintenance Manual  (§5.3.1.3.6) | X | X |  |  |  |  |  |  |
| Declaration of Design and Performance (DDP)  (§5.3.1.3.7) | X |  |  | X | X |  |  |  |
| Delivery documentation  (§5.3.1.3.8) | X | X |  | X | X |  |  |  |
| Design Review (DR)  (§5.3.2) | X | X |  |  |  |  |  |  |
| Changes control/Configuration Management  (§5.3.3) | X | X |  |  |  |  |  |  |
| General requirements  (§5.3.3.1) | X | X |  |  |  |  |  |  |
| Modification to the contractual technical specification or to equipment specification  (§5.3.3.2) | X | X |  |  |  |  |  |  |
| Management of design changes  (§5.3.3.3) | X | X |  |  | X |  |  |  |
| Management of Production Process Changes  (§5.3.3.4) | X | X |  |  | X |  |  |  |
| Interim changes to programmed equipment  (§5.3.3.5) | X |  |  |  |  |  |  |  |
| Data exchange  (§5.3.3.6) | X | X |  |  |  |  |  |  |
| Configuration Management  (§5.3.4) | X | X |  |  | P |  |  |  |
| Identification and marking  (§5.3.5) | X | X |  | X | X |  |  |  |
| Equipment/parts identification  (§5.3.5.1) | X | P |  | X | X |  |  |  |
| Equipment containing SW/AEH  (§5.3.5.2) | X | X |  | X | X |  |  |  |
| Sub-component identification  (§5.3.5.3) | X | X |  | X | X |  |  |  |
| Special identification  (§5.3.5.4) | X | P |  | X | X |  |  |  |
| Critical Parts  (§5.3.6) | X | X |  | X |  |  |  |  |
| Definition  (§5.3.6.1) | X | X |  | X |  |  |  |  |
| Part/System/ Equipment classified by LH Technical Specification  (§5.3.6.2) | X | X |  |  |  |  |  |  |
| Management of Critical Parts  (§5.3.6.3) | X | X |  |  |  |  |  |  |
| Test Article Conformity (TAC)  (§5.3.7) | X | X |  |  | X |  |  |  |
| General  (§5.3.7.1) | X | X |  |  |  |  |  |  |
| Conformity to the Applicable Technical Data  (§5.3.8) | P | X |  | X | X |  |  |  |
| Test article representativeness and TAF  (§5.3.9) | X | X | X |  | X |  |  |  |
| Non conformity management  (§5.3.10) | X | X |  | X | X |  |  |  |
| TAC for equipment with temporary P/N  (§5.3.11) | X | X |  |  |  |  |  |  |
| Design Data Set (DDS)  (§5.3.12) | X | X | X |  | X |  |  |  |
| DDS contents  (§5.3.12.1) | X | X | X |  | X |  |  |  |
| DDS approval  (§5.3.12.2) | X | X | X |  |  |  |  |  |
| DDS filling  (§5.3.12.3) | X | X | X |  |  |  |  |  |
| Access and data visibility  (§5.4) | X | X | X |  |  |  |  |  |
| Access to the sites  (§5.4.1) | X | X | X |  | X |  |  |  |
| Documentation  (§5.4.2) | X | X | X |  | X |  |  |  |