DOC. No. : QD N000G0379E01	Issue: A		Distribution list

TITLE : NH90 Program Contractual Quality Assurance Requirements suppliers flow down document

Summary:

The present document repeats for convenience every specific request of NH90 program in order to guarantee correct flow down of NHI requirements to Sub-Suppliers.

EXPORT CONTROL:	☐ ITAR	☐ EAR	☐ EU ML	☒ N/A
Applicability/Validity:	☐ NHI	☒ LH	☐ AH/AHD	☐ FK

		LH	AH	AHD	FK	NHI
SDRC/LF Prepared by : (*name / position*) Signature : Date:	Ercole G. 09/12/2019					
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Delegated authority (ies) Authorized by : (*name / position*) Signature : Date :	De Giorgio N. 09/12/2019					

Issue	Issue Date	Affected pages	CHANGE REASONS / ORIGINATORS CHANGE PROPOSAL / N°	Companies / Departments	Signatures
A	**09/12/2019**	**ALL**	**FIRST ISSUE**	**LH**	**Ercole Kleiss De Giorgio**

Index

1 Procedure and specific documents applicable for NH90 Program

The present document already repeats for convenience every specific request of this program. However, hereunder documents remain contracted and first level applicable.

Specific documents applicable for NH90 Programs	
QD S000N0803E01	Quality Assurance Requirements for suppliers
QD S000N0804E01	Classification and procedure for structural and mechanical parts
QD S000N0805E01	Concession Procedure
QD S000N0805E03	Concession procedure – Applicability sheet for MRH90 contract
QD S000N0806E01	Anomaly reporting & handling procedure
QD S000N0812E01	Log card procedure
QD S000N0815E01	Supplier First Article Inspection procedure
QD S000N0816E01	Supplier Production Investment Review
QD S000N0817E01	Specific tools/test means validation procedure
QS S000N0818E01	Special processes validation procedure
QD S000N0819E01	Guide for writing equipment test specification
QD S000N0822E01	Safety class 1 parts management
QD S000N0838E01	Temporary Deviation procedure

MD S000N0436E01	GFE Handling Procedure for production phase
MD S000N3484E01	Government Furnished Equipment handling procedure

2 Specific Definitions

2.1 Direct Delivery

It is delivery from a Supplier to a Partner Company which is not the Buyer.

2.2 Inspection File

The Inspection File is the set of technical documentation which defines the procedures and the processes to be applied and the means to use to check:

- That the products are in compliance with Definition File;
- That they are carried out in accordance with the instructions given by the Manufacturing File.

Note: The Manufacturing File and Definition File can be integrated into a single document.

2.2.1 Item

It means the Equipment and its Spares, any type of hardware, software, report, data, assistance, service and any other outcome to be rendered by the Supplier to the Buyer within the Contract and/or Agreement.

3 From EN 9100: 2016

3.1 8.3 Design and development of products and services

3.1.1 Declaration of Design of products and services

The declaration of Design and Performance (DDP) and its subsequent updates, shall be approved by LH corresponding Design Authority. A DDP shall be provided at the first delivery and after any design modification of the Item. The Declaration of Design and Performance's content/form is to be requested to Design Department

3.2 8.4 Control of externally provided processes, products, and services

The Supplier shall inform in Advance LH of any new sub-contract(s), change of subcontractor(s).

3.3 8.5 Production and Service provision

3.3.1 First Article Inspection & PIR

- A PIR shall be carried out according to the document QD S000N0816E01;
- The FAI shall be performed according to the document QD S000N0815E01;

The Supplier shall set up a surveillance of manufacturing process and related means through an Inspection and Test Plan that shall include periodic (calendar or number of Items) complete verification to keep under control the constancy of the quality level during the whole production phase.

3.3.2 Special Processes

The Validation shall be carried out in accordance with the document QD S000N0818E01.

3.3.3 Software

Production activities related to software will be the following, according to the AQAP-160:

- Safe storage of masters;
- Replication procedures from masters, including check to the copy conformity;
- Loading procedure and verification;
- If applicable, delivery procedure;
- Implementation of configuration management rules (maintenance).

3.3.4 Evidence and traceability

- The Supplier shall able to make available, on Buyer's request, for each delivered Item:
- Evidence of Incoming inspection of every supplied Items;
- Identification of material;
- Traceability of storage conditions (when applicable);
- Evidence of reviews, inter-stage inspections, final inspections and test and the identification of the inspectors involved;
- Evidence of release documentation for delivered Items;
- Identification of each technical problem, non-conformity and evolution of the configuration/definition of the Items;
- Evidence of traceability (Item against Definition Files, means…).
- All these records shall be retained ten years from the delivery (except for "Critical Parts" see specific document) and shall not in any case be destroyed without prior permission to the Buyer.

3.3.5 Log Card

Where requested, Log Card shall be established in accordance with document QD S000N0812E01 and its applicable form defined in its Annex 2.

3.3.6 Delivery documentation

In addition to general documentation, the Acceptance Test Report will be provided.

3.3.7 Packaging identification

Except otherwise agreed, the packaging identification shall consistent with the requirements of AECMA 2000M/STANAG 4280.

3.4 9.1 Monitoring, measurement, analysis, and evaluation

GQA can never be a reason to justify any delay on contractual commitment.

3.5 10.2 Nonconformity and corrective action

The Supplier shall notify its local NQAR of non-conforming items received from sub-contractor that have been subject to GQA, according to the list provided by its NQAR (AQAP110). Within Contract limits, the reporting on defective Items shall be managed according to document QD S000N0806E01.

In case of repetitive anomalies or failures rate leading the Supplier to be unable to replace the defective Item(s) in the conditions defined in the Contract following conservative action shall be taken:

- Functional incoming tests, under Supplier responsibility, with the relevant means will be implemented at the Buyer premises, or Buyer representative may decide to attend systematically to Supplier's acceptance test until 10 supplies delivery without anomalies/failures;
- A supplier analysis and action plan shall be establish to eliminate the anomaly as quick as possible and to prevent reoccurrence;
- A quality audit of the Supplier may be held at relevant premises.

The handling of concessions and deviation permits is described in the document QD S000N0805E01 with the associated form F01, herein attached for reference only..

4 Special Investigations

When a defective Item is the subject of a special investigation, steps shall be taken by the rejecting company to ensure that the unit is properly packed sealed and the outside of the container distinctly marked: "TO BE OPENED ONLY AT PRESENCE OF BUYER'S QUALITY MANAGEMENT AND NQAR (OR WITH THEIR AUTHORISATION)".
Items supplied with "ground use only" limitations, will be subject to the following mandatory requirements:

- The Items shall be identified by a bright red band approximately 20 mm wide or as wide as practicable for the size of the Item;
- The Release Note, the CoC and The Log Card (where applicable) shall be clearly endorsed "NOT FOR FLIGHT".

Programme:	**CONCESSION/ DEVIATION PERMIT**	SDRC	Number / Issue	Page
	H Non-conformity Major / Minor — H RECORDABLE Yes / No		CO / DP	/

Originator's company	CI number:……	Quantity:	H *SAFETY CLASS* 1a 1b 2 3
	Part number		
	Description		
Plant	Drawing number	Batch N°:	Work order N°:
Department	Serial number	Anomaly Report/Concession ref	

Non-conformance description:

Cause of the non-conformity:

Corrective action to prevent non-conformance recurrence:

Originator
Name:.....
Dept.: .....
Date:.....
Signature:

Originator's Quality
Reviewed:.....
Name:.....
Dept.:.....
Date:.....
Signature:

NQAR
Name:……
Date:……
Signature:

Equipment supplier's Engineering advice:

Equipment Supplier Engineering
Name:.....
Date:.....
Signature:

SDRC Engineering advice:

.

SDRC Stress Responsible
Name:.....
Dept.:..... Date .....
Signature

SDRC authorised Engineering signatory
Name:.....
Dept.:..... Date .....
Signature:

Choice decision: H Use as is H Use with Repair

Marking method and location:

B: Reliab. C: Maintain. D: Interchang. E: Service/storage life F: Perfo./funct. G: Cost

H Impact on airworthiness regulations	Yes	No	H Reliability	Yes	No
H Impact on contractual performances	Yes	No	H Reduced "life limits"	Yes	No
H Loss of on-aircraft maintenance interch.	Yes	No	H Reduced "Time between Overhaul"	Yes	No
H Reduced future repair capability	Yes	No	H Need of additional spares	Yes	No
H Additional or special maintenance	Yes	No	H Need of special spares	Yes	No

Partner Company repairing attestation
Decision:……
Dept.....
Name .....
Date .....
Signature:……Stamp:……

SDRC airworthiness	SDRC Quality	Customer Representative
Decision:.....	Decision:.....	Decision:.....
Name:	Name:.....	Name:.....
Dept.: .....Date:.....	Dept.:.....Date:.....	Dept.:..... Date:.....
Signature:	Signature:	Signature:

DISTRIBUTION

Configuration management

H Strikethrough the inappropriate response

Quality Confirmation Name ..... Date ..... Visa