

<b>Amphenol</b> <b>Amphenol ConneXus OÜ</b>	Quality instructions <b>Suppliers Quality Policy</b> <b>(non-automotive)</b>	Code: QPI 10.3-1-1 -5I
		Date.: 31.01.2021
Checked : Maria Jefremova	Approved: Toni Tuppurainen	Page/Pages: 1/6

Vers.	Date	Change	Compiler
1	25.09.18	Totally reviewed, Code changed.	M. Jefremova
2	28.02.19	Initial Supplier Approval part (6.0) added	M. Jefremova
3	29.03.19	Requirement to certificate mark added. Added standards , that have to be used. Code of document „General Terms of Purchase Amphenol ConneXus” changed and added ”V_PC 10_4 Suppliers Non-disclosure Agreement”.	Sv. Tatarlõ
4	14.08.2019	Document was modified for non-automotive projects only.	Sv.Tatarlõ
5	31.01.2021	Definition of Cpk introduced, part 14 updated.	Sv.Tatarlõ

<b>Amphenol</b> Amphenol ConneXus OÜ	Quality instructions <b>Suppliers Quality Policy</b> (non-automotive)	Code: QPI 10.3-1-1 -5I
		Date.: 31.01.2021
Checked : Maria Jefremova	Approved: Toni Tuppurainen	Page/Pages: 2/6

## GOAL OF THIS PROCEDURE AND AREA OF ITS APPLICATION

### Scope

This policy conveys our expectations of supplier's role in our business for non- automotive customers

### Purpose

This Supplier Quality Policy (non-automotive) is to communicate various Amphenol Connexus (ACS) requirements and expectations to suppliers for the purpose of qualifying, measuring performance and implementing continual improvement efforts between ACS and our suppliers to support our goal to be best in our business.

### Definitions:

ACS – Amphenol Connexus

PPM -Parts Per million - is a measurement used by many customers to measure quality performance - defect rate, calculated as follows:

Defective products qty/ delivered qty\* 1000000

*Cpk - process capability index*

### 1.0 Commitment

We are committed to achieving complete customer satisfaction with the products and services we supply to our customers.

We design and manufacture quality cable assemblies, which satisfy customer expectations; comply with applicable regulatory codes, standards and specifications; and are offered for sale at equitable prices with minimal lead times.

Suppliers play an integral role in Amphenol's ability to meet the requirements of its customers. We strive to do business with suppliers who are committed to Continuous Improvement. Dependable suppliers are considered key members of our team. We are committed to working with suppliers to ensure our requirements are well defined, clearly understood, and met without error, on time, every time.

Please review this policy carefully and contact your ACS PO contact or [quality@amphenol.ee](mailto:quality@amphenol.ee) if you have any questions or need additional clarification regarding this program. Supplier's requirements of Amphenol should be clearly stated and successfully resolved before issuance of purchase order. Acceptance of a purchase order indicates that the supplier is fully prepared to meet Amphenol's Delivery and Quality Conformance requirements.

### 2.0 Defect objective

For all suppliers of non-automotive products, the quality objective is "500 PPM".

### 3.0 Business language

Business language is English, unless another mutual agreement has been made.

### 4.0 Selection of subcontractors

The supplier commits to ensure its subcontractors' compliance with this directive on quality and environmental management.

<b>Amphenol</b> Amphenol ConneXus OÜ	Quality instructions <b>Suppliers Quality Policy</b> (non-automotive)	Code: QPI 10.3-1-1 -5I
		Date.: 31.01.2021
Checked : Maria Jefremova	Approved: Toni Tuppurainen	Page/Pages: 3/6

## 5.0 Initial Approval of Supplier

Supplier shall comply with the ACS Requirements listed below:

- Supplier Confirmation of compliance with “Social Responsibility self - audit form” requirements
- Supplier Confirmation of compliance of this document requirements
- Supplier is ready and agree to provide Conflict Mineral Report - CMRT , downloaded from <http://www.conflictreesourcing.org>, to Quality Department of Amphenol Connexus
- Supplier Confirmation of compliance with “Connexus guidance on restricted materials” requirements

## 6.0 Supplier auditing

ACS is authorized to look into and evaluate the quality capability and performance of its suppliers and subcontractors on-site. This assessment is usually done in the form of process and product audits, in exceptional cases even in the form of a system audit.

The supplier shall grant both ACS and the customer of ACS the right to check on-site if the supplied products, processes and/or services meet the agreed requirements.

During these audits ACS is authorized to look into related documents and records of the supplier.

The supplier commits to implement corrective actions defined within the agreed deadlines.

## 7.0 Suppliers name change

Suppliers that change their name must notify the change to ACS by an official letter or email.

Record of the changes shall be documented using V\_QP 10.3-1\_1 "New Supplier form (non-automotive)" and any supporting documentation such as e-mail communications are maintained in the supplier's file where necessary.

## 8.0 Supplier's Control and Use of Specifications

ACS specifications are the property of ACS and should be treated as such. Non-Disclosure Agreement will be sent to Supplier if necessary.

## 9.0 Supplier Lead Times

If a supplier become aware that the Lead Time will not be met as agreed, warning report must be send to ACS PO contact as soon as possible.

## 10.0 Approval of products and processes

The supplier has to inform the end sourcing of ACS of the following situations:

- Planned product changes
- Specification/drawing changes (e.g. revision)
- Planned changes to tools, technologies and materials
- Planned changes to the packaging or logistics processes
- Other changes that may affect product quality

The information shall be submitted timely and in the agreed format to allow the assessment of the impact and to take necessary steps prior to implementation.

When the supplier recognizes that the sampling deadline cannot be met, the responsible purchaser and PO contact of ACS has to be informed immediately in order to agree the necessary measures.

<b>Amphenol</b> Amphenol ConneXus OÜ	Quality instructions <b>Suppliers Quality Policy</b> (non-automotive)	Code: QPI 10.3-1-1 -5I
		Date.: 31.01.2021
Checked : Maria Jefremova	Approved: Toni Tuppurainen	Page/Pages: 4/6

*Minimum process capability (Cpk) for two-sided specifications is 1.33.*

**11.0 Standards, which shall be used for acceptance:**

- IPC/WHMA-A-620, class 3 – for cable assemblies
- IPC-A-610, class 2 for electronic assemblies
- Standards, mentioned on the drawing

**12.0 Measurement Confidentiality**

All measurements and measurement summaries will be held in strictest confidence between the supplier and ACS.

**13.0 Traceability of the products**

All deliveries from supplier must be product-specifically and unequivocally traceable by order number, article number, serial number, manufacturer, date of manufacture, batch number, version number, etc.

Supplier shall ensure documented information is retained in the format (electronic, hardcopy, archive) that enables traceability till raw material.

**14.0 Self-announcement by the supplier**

*The supplier shall obtain ACS concession or deviation permit prior to further processing whenever the product or manufacturing process is different from that which is currently approved.*

*The supplier shall obtain ACS authorization prior to further processing for “use as is” and rework dispositions of nonconforming product. If sub-components are reused in the manufacturing process, that sub-component reuse shall be clearly communicated to ACS in the concession or deviation permit.*

*The supplier shall maintain a record of the expiration date or quantity authorized under concession. The supplier shall also ensure compliance with the original or superseding specifications and requirements when the authorization expires. Material shipped under concession shall be properly identified on each shipping container (this applies equally to purchased product). The supplier shall approve any requests from suppliers before submission to ACS.*

As long as it does not disrupt the production process, the returned parts are not considered in the PPM-calculation.

Both parties hereto agree to inform each other without delay, in the manner of an early warning system, of any potential sources of defects or faults that are discovered, the removal of which could lead to greater reliability with regard to quality.

**15.0 Quality complaint report and escalation procedures**

The supplier is responsible for the quality of delivered parts to ACS. Supplier has to inform the PO contact at ACS immediately in case any directed part has been found non-conforming. All parts identified as non-conforming or as suspect state will be rejected.

ACS informs the supplier immediately in writing of defects once they are discovered in the course of normal business operations. The supplier shall be liable to ACS for all resulting damages from the failure to comply with the given regulations and other arrangements for quality management.

The supplier shall take immediate action to ensure production processes and problem-solving. ACS may require the following immediate actions:

- Additional 100% checks of agreed features by the supplier at the supplier's premises and outside of the standard process.

<b>Amphenol</b> Amphenol ConneXus OÜ	Quality instructions <b>Suppliers Quality Policy</b> (non-automotive)	Code: QPI 10.3-1-1 -51
		Date.: 31.01.2021
Checked : Maria Jefremova	Approved: Toni Tuppurainen	Page/Pages: 5/6

- Sending of evidence (e.g. inspection records, analytical reports) on compliance with the required specifications.
- 100% verification of inventory in stock and at the assembly line of ACS and if necessary also at the customer of ACS by the supplier.
- Rework or replacement of the stock at ACS.
- 8D-process including 8D-reports on implementation and documentation of problem solving measures.
- Identification of failure free parts and packaging shall be labelled with appropriate label „100% checked after complaint NCN...“ for at least 3 consecutive deliveries.

If the supplier does not respond appropriately to the claim, ACS initiates necessary measures at the expense of the supplier in order to establish customer protection and to maintain production. If the supplier is not able to carry out the necessary measures such as testing, sorting and reworking himself, he has to contract a service provider at his own expense and in agreement with ACS. Acceptance by ACS is required.

The supplier has to decide immediately on the disposition of the NOK-parts and inform ACS correspondingly. Otherwise, the parts will be returned at the expense of the supplier to their place of origin.

Furthermore, the following points should be considered in problem handling:

If it comes to the 8D-problem solving process, the supplier shall

1. **Inform ACS within 24 hours** after notification of the problem via 8D-report as follows
  - Immediate action to ensure customer protection towards ACS and its customers
  - Responsible contact person and team responsible for the problem solution
  - Comprehensive problem description
  - Urgent measures to ensure zero-defect deliveries.
2. **Submit the 8D-report with following additional information within 7 days**
  - Root cause of the problem
  - Implemented corrective actions
  - Timing for long-term actions
3. **Submit full 8D-report no later than 14 days with the following additions**
  - Implemented preventive actions
  - Evidence of the effectiveness of the corrective actions taken
  - In individual cases, other deadlines can be agreed with Supplier Quality Engineer at ACS

### 16.0 Supplier charge backs for quality related expenses

ACS provides a declaration of materials, components and/or assemblies for the charges which may include the hours of rework, investigation, reporting, transport and accounting.

Invoiced cost will be traceable in the Nonconforming Material Notification (NCN). Administration fee can be escalated in case of regular quality problems. Reworking/sorting cost must be agreed within 24 hours after notification of the problem.

Administration fee	150 € / NCN
Reworking/sorting cost	50 € / hour

<b>Amphenol</b> Amphenol ConneXus OÜ	Quality instructions <b>Suppliers Quality Policy</b> (non-automotive)	Code: QPI 10.3-1-1 -5I
		Date.: 31.01.2021
Checked : Maria Jefremova	Approved: Toni Tuppurainen	Page/Pages: 6/6

### **17.0 Supplier evaluation**

ACS evaluates the capability of a supplier during serial production. The supplier will be informed of the result. If deviations are detected ACS requires corrective actions.

The aspects that are evaluated:

- ✓ Defect rate (PPM)
- ✓ Delivery accuracy
- ✓ Reaction time to claims response
- ✓ Documentation from chapter 5.0 of this document was approved at Supplier side timely

### **18.0 Improvement of supplier capability**

ACS prefers to work with excellently performing suppliers. This applies both to suppliers with whom ACS already does regular business with and to new suppliers. If the assessment result is not satisfactory, the supplier has to define and implement corrective actions. Where appropriate, the necessary measures shall be agreed with ACS. If ACS provides agreed services to support the supplier, the supplier bears the related costs.

### **19.0 Supplier Disqualification Process**

The process will be initiated only after discussions concerning a supplier's problems have failed to produce satisfactory results. The supplier is considered a part of our team and disqualification is a last resort when all other alternatives have failed.

### **20.0 Reasons for Disqualification**

Lacking commitment to ACS performance standards, i.e.; repeated failure to respond to, or show progress towards resolving on- time-delivery or quality conformance problems.