






**Goodrich Lighting Systems GmbH,
 &
 Airsigna GmbH + Co. KG,
 Members of UTC Aerospace Systems Company**

**Allgemeine Qualitätssicherungsanforderungen für Lieferanten
 und Partner**

**General Quality Assurance Requirements for Suppliers and
 Partners**

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Änderungsverzeichnis / Revision Log

Ausgabe / Issue	Datum / Date	Betroffene Seiten / Pages affected	Beschreibung / Description	Abt. / Dept.	Erstellt/ Prepared
1	31.03.2015	all	New document; Replacement of SQAR 1, 2, 3, & 4.	QM	Trumm

1 Zweck

Der Zweck dieses Dokumentes ist, Qualitätsanforderungen für Lieferanten von Lighting Systems mit Sitz in Lippstadt und Bengaluru sowie für Airsigna GmbH & Co. KG zu definieren.

2 Anwendungsbereich

Dieses Dokument ist anwendbar für alle Lieferanten von Lighting Systems Lippstadt und Bengaluru sowie Airsigna GmbH

3 Begriffe, Abkürzungen und Referenzen

SQAR	Allgemeine Qualitätssicherungsanforderungen für Lieferanten und Partner
ASQR	Qualitätsanforderungen für Lieferanten von Luftfahrtbauteilen
GLS	Goodrich Lighting Systems
GRESS	Airbus General Requirements for Equipment and System Suppliers
UTAS	UTC Aerospace Systems
QD	Bombardier Anforderungen

4 Beschreibung der Anforderungen

Die Qualitätssicherungsanforderungen für Lieferanten und Partner sind in den UTAS Dokumenten ASQR-01 und deren mitgeltenden Dokumenten definiert.

Die ASQR Dokumente und Formblätter sind auf unserer Homepage zu finden.

Zusätzliche Anforderungen an Lieferanten und Partner für Geräte und Baugruppen werden über das unten aufgeführte Formblatt geregelt.

Die in der ASQR festgelegten Anforderungen sind vom Lieferanten / Partner zu erfüllen.

1 Purpose

The purpose of this document is to define the quality requirements for suppliers of all sites of Lighting Systems located in Lippstadt and Bengaluru as well as for Airsigna GmbH & Co. KG.

2 Applicability

This document is applicable for all suppliers of Lighting Systems located in Lippstadt and Bengaluru as well as for Airsigna GmbH.

3 Terms, Abbreviations and References

General Quality Assurance Requirements for Suppliers and Partners
Aerospace Supplier Quality Requirements
Goodrich Lighting Systems
Airbus General Requirements for Equipment and System Suppliers
UTC Aerospace Systems
Bombardier Quality Document

4 Description of the Requirements

The Supplier and Partner Quality Assurance Requirements are defined in the UTAS documents ASQR-01 and further applicable documents.

The ASQR documents and forms are available through our homepage.

Additional Requirements for Suppliers and Partners of equipment and assemblies are defined through the forms described below.

The Suppliers / Partners have to fulfill the requirements stated in the ASQR.

5 Verfügbarkeit des Dokuments

Die gültige Ausgabe dieses SQAR-Dokuments und den mitgeltenden ASQR's sind verfügbar auf der Homepage von UTC Aerospace Systems.

<http://utcaerospacesystems.com/Company/Pages/documents.aspx>

5 Document Availability

The current revision of this document and the applicable ASQR's are available on the Homepage of UTC Aerospace Systems.

<http://utcaerospacesystems.com/Company/Pages/documents.aspx>

6 Verantwortlichkeiten

Das im Anhang befindliche Formblatt wird seitens Einkauf und Supplier Quality in Zusammenarbeit mit dem Lieferanten erstellt und im Anschluss unterzeichnet.

Der Lieferant ist verantwortlich Änderungen in Bezug auf die Anforderungen vor Freigabe dem Kunden (GLS/ Airsigna) SQE mitzuteilen.

7 Dokumentation

Diese Verfahrensanweisung ist ein geregeltes Dokument entsprechend den Vorgaben UTAS-PRO- 0001 „Documents and Data Control“.

8 Änderungen

Für den Änderungsdienst dieses Dokumentes ist Supplier Quality zuständig.

9 Verteiler

Die Information über neue Ausgaben dieses Dokumentes werden an alle Bereichsverantwortlichen von Goodrich Lighting Systems/ Airsigna verteilt. Die Bereichsverantwortlichen sind für die Information & Schulung der zugehörigen Mitarbeiter im notwendigen Umfang zuständig.

Die Verteilung zum Lieferanten wird durch die Bereitstellung des Dokuments auf der UTC Aerospace Systems Homepage sichergestellt.

6 Responsibility

Engineering, Purchasing and Supplier Quality together with the supplier fill in the attached form sheet which will be signed by supplier and GLS /Airsigna Representative.

The supplier is responsible for changes concerning the requirements and has to inform the customer SQE (GLS / Airsigna) before approval.

7 Documentation

This procedure is a controlled document in accordance to UTAS-PRO-0001 „Documents and Data Control“.

8 Revision Management

Supplier Quality is responsible for the revision of this document.

9 Distribution

The information about new issues of this document is distributed to all persons responsible for departments of Goodrich Lighting System / Airsigna . The department leaders are responsible for the information & training of the associated employees in the necessary scope.

The distribution to suppliers is ensured by uploading the current revision of this document on the Homepage of UTC Aerospace Systems.

SQAR: Quality Assurance Requirements for Suppliers and Partners	
Supplier/Partner	Buyer
Customer	Programme
UTAS Part-No.	Description

Quality Management System according to EN 9100/AS9100 <input type="checkbox"/> EN 9110/AS 9110 <input type="checkbox"/> EN9120/AS9120 <input type="checkbox"/>			
ISO 9001 <input type="checkbox"/> Other: <input type="checkbox"/>			
Aviation Approvals: EASA Part 21 Subpart G <input type="checkbox"/> FAR 21/PMA <input type="checkbox"/> STC <input type="checkbox"/> ETSO/TSO <input type="checkbox"/> EASA Part 145 <input type="checkbox"/> FAR 145 <input type="checkbox"/>			
Other: <input type="checkbox"/>			
ASQR-01 Supplier Quality System Requirements	<input type="checkbox"/>	GLS / Airsigna Supplier Quality Assurance Requirements (SQAR 1-4) known and accepted (see website)	<input type="checkbox"/>
ASQR-02 Supplier Quality System Requirements for Maintenance Organizations	<input type="checkbox"/>	General Terms and Conditions, Non-Disclosure Agreement (NDA) in place?	<input type="checkbox"/>
ASQR-07.5 Control of Software	<input type="checkbox"/>	Supplier contract signed and production capacity planning included? Production inshift(s)	<input type="checkbox"/>
ASQR-09.1 Flight Safety Parts	<input type="checkbox"/>	Does Supplier have a process in place for "Early Supplier Involvement" of new products?	<input type="checkbox"/>
ASQR-09.2 Production Parts Approval Process (PPAP)	<input type="checkbox"/>	Is there a process applied with regard to Lead Times?	<input type="checkbox"/>
ASQR-15.1 Handling, Storage, Packaging, Preservation and Delivery (FOD)	<input type="checkbox"/>	Is GLS QM Questionnaire completed and submitted by Supplier?	<input type="checkbox"/>
UTCQR-06.1 Managing Supplier Quality	<input type="checkbox"/>	Is GLS EH&S Questionnaire completed and submitted by Supplier?	<input type="checkbox"/>
ASQR 20.1 Supplier Sampling Requirements	<input type="checkbox"/>	Can supplier deliver directly to India and USA?	<input type="checkbox"/>
UTAS-PRO-0022 Special Process Requirements	<input type="checkbox"/>	Calibration Service and Test Laboratories ISO 17025 ISO 10011.....	<input type="checkbox"/>
UTAS-ENG-PRO-0003, Counterfeit Parts Prevention Control Plan	<input type="checkbox"/>	If any special test equipment for Inspection at Goodrich is required subcontractor is requested to send an offer for this equipment	<input type="checkbox"/>

First Article Inspection Report (first delivery or after changes of part, process, company etc.), based on EN 9102 / AS 9102.	<input type="checkbox"/>	Production Organization Agreement according to EASA Part 21.133	<input type="checkbox"/>	
EASA Form 1 or FAA 8130 (with each delivery)	<input type="checkbox"/>	Certificate of Compliance (with each delivery)	<input type="checkbox"/>	
Project related Material Review Board Plan	<input type="checkbox"/>	Quality Management Manual	<input type="checkbox"/>	
Source Control Drawing	<input type="checkbox"/>	Project related Configuration Management Plan	<input type="checkbox"/>	
Special Packaging:	<input type="checkbox"/>	Other:	<input type="checkbox"/>	
Qualification Test Plan (QTP)	<input type="checkbox"/>	Qualification Test Report (QTR)	<input type="checkbox"/>	
Acceptance Test Procedure (ATP)	<input type="checkbox"/>	Acceptance Test Report (ATR) (with each delivery)	<input type="checkbox"/>	
Declaration of Design & Performance (DDP)	<input type="checkbox"/>	Project related Quality Assurance Plan (QAP)	<input type="checkbox"/>	
GLS Customer Requirements			YES	NO
Airbus GRESS (General Requirements for Equipment and System Suppliers)			<input type="checkbox"/>	<input type="checkbox"/>
Boeing D6-82479 Boeing QM System Requirements for Supplier			<input type="checkbox"/>	<input type="checkbox"/>
<i>Bombardier QD 4.6 Requirement for Suppliers</i>			<input type="checkbox"/>	<input type="checkbox"/>
<i>Others:</i>			<input type="checkbox"/>	<input type="checkbox"/>
<p>The supplier has to fulfil the Airbus GRESS requirements. This contains especially the following points.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Supplier Process Development Planning <input type="checkbox"/> Project Management Process for Maturity <input type="checkbox"/> Project Management Process for Support <input type="checkbox"/> Project Monitoring and Control <input type="checkbox"/> Strategy for Obsolescence Management <input type="checkbox"/> Configuration Management <input type="checkbox"/> Resource Management <input type="checkbox"/> Information Management <input type="checkbox"/> Electronic Data interchange <input type="checkbox"/> Continuous Improvement <input type="checkbox"/> Risk Management <p>For further information see the current Airbus GRESS documentation.</p>				

Does the supplier use special processes for the production of the products such as:

- Chemical Processing Coatings Composite materials Conventional Machining as a Special Process
 Elastomer Seals Electronics Fluid Distribution Systems
 Heat Treating Materials Testing Laboratories Measurement and Inspection
 Non-conventional Machining and Surface Enhancement Non Destructive Testing
 Non Metallic Materials Manufacturing Non Metallic Materials Testing Sealants
 Welding

Are these processes certified in compliance to NADCAP, if no, is this certification planned?

**SPECIAL PROCESS REQUIREMENTS FOR INTERNAL OPERATIONS
AND SUPPLIER FLOW DOWN UTAS-PRO-0022**

Details see website <http://www.pri-network.org/nadcap/>

- Attachments:** Quality Questionnaire Agreement to EASA Part 21.133
 Q.A. Agreement GLS ND Agreement. GLS Aircraft Manufacturer Requirements
 Other:

Remarks: Above mentioned requirements have to be met by the supplier in addition to the requirements mentioned in the Purchase Orders of Lighting Systems, location Lippstadt and Bangalore, as well as for Airsigna GmbH & Co. KG.

Date:	Supplier Organisation Representative :
Date:	GLS/Airsigna Representative