

This Appendix I with the Supplier Quality Assurance Requirements for the E-LIGHTER program defines Fokker Aerostructures (Buyer) additional Program Specific Quality Requirements **for contracts where AQAP 2131 is relevant because conformance with the requirements can be demonstrated satisfactorily on receipt of the final product.**

This Appendix I forms an integral part of the Contract / Purchase Order (PO) concluded between Supplier and Buyer.

The contents of this Appendix I is in addition to or replacing one or more for the standard Fokker Quality Requirements as provided in Annex B "Supplier Quality Assurance Requirements (standard)". All terms defined in the Contract / Purchase Order shall be applicable to this Appendix I, unless explicitly defined otherwise in this Appendix I.

Supplier shall have systems and methods to assure full compliance to this Appendix I. When products or services applicable to the Contract / PO are procured by the Supplier from sub-tier suppliers, the supplier shall flow the Appendix I requirements as necessary to assure full compliance is achieved.

In case of of differences or inconsistencies with texts in the Main Contract, the stipulations in the Main Contract will prevail.

The latest issue to this document is the version that is available on the Fokker Aerostructures website:
<http://www.fokker.com/frfa-Supplier-Portal>

APPROVAL

Involvement	Name	Function	Signature and approval date
Prepared by:	Diana de Boer	Quality Liaison Engineer	
Accountable	Wim Sloetjes	Program Manager	
Consulted	Hans Zwiggelaar	Quality Procurement Engineer	
Approval:	Eelco Houkes	Manager Quality Procurement	

CHANGE LOG

Date/Issue	Change Reason
11.Jul.2013/01	New document, replacing all former Exhibit B's of the E-lighter Program
07.Aug.2013/02	Document number changed from DEF-3040 into DEF-3013
16.Sep.2013/03	Changed QN 03 and 10

Table of Content	
Quality Note	Description
01	GENERAL
02	QUALITY SYSTEM
03	ACCESS
04	QUALITY AUDIT
05	ORDER OF PRECEDENCE
06	DOCUMENTATION _ REVISION AND CONFIGURATION CONTROL
07	PRODUCT REALIZATION
08	PRODUCT AND SERVICE PROVISION
09	REQUIRED DOCUMENTS
10	INSPECTION REPORTS FOR EACH SHIPMENT
11	PHYSICAL/CHEMICAL TEST REPORTS
12	CORRECTIVE ACTION
13	GOVERNMENT SOURCE SURVEILLANCE
14	MATERIAL SAFETY DATA SHEET (MSDS)
15	SHELF LIFE MATERIALS
16	RESPONSIBILITIES OF SUPPLIER
17	RESTRICTIONS IN THE USE OF HAZARDOUS SUBSTANCES
18	REACH REQUIREMENTS
19	DISCREPANCIES BETWEEN BUYERS DRAWINGS AND MANUFACTURERS PARTNUMBER
20	MANUFACTURER'S PART NUMBERS
21	PRESERVATION, PACKAGING
22	TOOLING/EQUIPMENT DOCUMENTATION, CONTROL, ACCOUNTABILITY
23	BUYER'S PERMISSION

<p>01</p>	<p>GENERAL</p> <p>This Appendix I defines Buyer's additional Program Specific Quality Requirements and forms an integral part of the Contract / Purchase Order (PO) concluded between Supplier and Buyer.</p> <p>The contents of this Appendix I is in addition to or replacing one or more for the standard Fokker Quality Requirements as provided in Annex B "Supplier Quality Assurance Requirements (standard)". All terms defined in the contract / Purchase Order shall be applicable to this Appendix I, unless explicitly defined otherwise in this Appendix I.</p> <p>Supplier shall have systems and methods to assure full compliance to this Appendix I. When products or services applicable to the Contract / PO are procured by the Supplier from sub-tier suppliers, the supplier shall flow the Appendix I requirements as necessary to assure full compliance is achieved.</p> <p>Deviating from above mentioned requirements is only allowed with Buyers written permission.</p>
<p>02</p>	<p>QUALITY SYSTEM derived from Contract Article 8</p> <p>It differs from the in Annex B "required level of certification for *(1) military programs as shown in Annex B table 1.</p> <p>The E-Lighter® program Supplier is required to have a Quality-management system according to the ISO 9001:2008 including the requirements for Quality Assurance according to AQAP 2131 (NATO Quality Assurance Requirements for final inspection (AQAP 2131 Edition 2).</p> <p>The Supplier shall flow down the applicable contractual requirements to Sub-suppliers by referencing the stated contractual requirement.</p> <p>The publication "AQAP 2009 NATO Guidance on the use of AQAP 2000 series" provides guidance on the structure, interpretation of the NATO additional requirements and the use of the AQAP 2000 series. Supplier can use this guidance to select the most appropriate AQAP publication to invoke in his contracts to all members of his supply chain that contributes the E-Lighter® program.</p> <p>All requirements of this contract may be subject to GQA. You will be notified of any GQA activity to be performed.</p>
<p>03</p>	<p>ACCESS derived from Contract Article 8 and AQAP 2131- 2.1</p> <p>Buyer, their Customer (representatives), and their customer's government/regulatory agencies shall have the right of entry into a supplier's facility or that of their subcontractors. Entry shall provide for access to quality system documentation and quality records as well as the ability to conduct audits and verify product and processes.</p> <p>Supplier shall make arrangements that allow the GQAR to make investigations, necessary to determine compliance with requirements mentioned in this contract.</p> <p>The investigations may include; audits, enquiries, questions, discussions and explanations, monitoring, witnessing, inspections, checks, inspection of complete products, parts or appliances produced for Buyer.</p> <p>The arrangements should enable the Supplier to give positive assistance to the GQAR and co-operate in performing the investigation, which means that the GQAR has been given full and free access to the facilities (and those of its sub-tier suppliers) and any information relevant to the product and its production processes.</p>
<p>04</p>	<p>QUALITY AUDIT derived from AQAP 2131 – 2.1</p> <p>On top of the requirements of Annex B Note 3.2 "Quality Systems"</p> <p>The Supplier shall authorize reviews and audits by the Buyer's Quality departments and Buyer's Customer. When proprietary information is involved, the extend of these reviews, audits and/or inspections will be mutually agreed between Buyer and Supplier. The Buyer reserves the right to send an Fokker Quality Representative for a permanent or prolonged stay at the Suppliers facilities.</p> <p>The Supplier will be required to provide adequate accommodation from which the representative can conduct his business.</p>
<p>05</p>	<p>ORDER OF PRECEDENCE</p> <p>The order of precedence in this contract / PO is ;</p> <ul style="list-style-type: none"> • Contract / PO Requirements

	<ul style="list-style-type: none"> • Drawing Requirements • General Specifications (AQAP, STANAG, etc)
06	<p>DOCUMENTATION REVISION AND CONFIGURATION CONTROL.</p> <p>Suppliers must comply with all applicable specifications and revisions current at order placement.</p>
07	<p>PRODUCT REALIZATION</p> <p>Customer-Related Processes</p> <p>a. Review of Requirements Related to the Product: Verbal agreements or instructions shall under no circumstances be construed as approval or authorization to proceed.</p> <p>b. Customer Communication: Changes that may affect quality must be documented and communicated to Buyer's Quality Assurance and/or Purchasing Representative prior to effectivity of the change.</p> <p>c. All reports, correspondence, drawings, notices, marking and other communications between the supplier and the customer must be written in the English language.</p>
08	<p>PRODUCT AND SERVICE PROVISION derived from AQAP 2131 – 2.5.2</p> <p>Measurement, Analysis and Improvement: The measurement and calibration system applied to this contract shall be in accordance with the requirement of ISO 10012 or equivalent international or national measurement standards; where no such standards exist, the basis used for calibration or verification shall be recorded.</p> <p>When an item of measuring equipment is found to fail re-calibration or is not in calibration, and when there are affected products, the Buyer is to be informed and presented with details of affected products, including products already delivered.</p>
09	<p>REQUIRED DOCUMENTS derived from AQAP 2131- 2.5.3</p> <p>On top of the requirements of Annex B Part 3.1 "Required documents" As a minimum the following information must be on the COC</p> <ol style="list-style-type: none"> 1. Original manufacturer's and/or distributor's name and address 2. Buyer's Purchase Order number 3. Buyer's Part number, revision if applicable, product name and quantity 4. Drawing or specification number and revision, to which the part is manufactured 5. Serial number(s) or date code(s) or lot/batch/heat number(s) (as applicable) 6. If applicable Shelf life / life time data (date of manufacturing) 7. Authorized signature, Name, title and date (legible) 8. Statement, declaring that the delivered products are in compliance with the requirements of the purchase order. 9. Release date of certificate 10. Deviation of the product related to requirements on the purchase order, if applicable and authorized by Buyer. <p>- Only if requested for per purchase order, drawing, specification or Quality Note in this Appendix, products have to be delivered with material test certificates, test reports and dimensional measuring reports.</p> <p>Full traceability of the supply chain shall be guaranteed and be proven by the paperwork.</p> <p>Distributors shall make every attempt to purchase material direct from the manufacturer. When such is not possible, the distributor will provide documentation that identifies all distributors and the manufacturer with each shipment.</p> <p><u>Shipment documentation:</u> Each shipment by the Supplier shall be accompanied with the documents in accordance with the above.</p>



<p>10</p>	<p>INSPECTION REPORTS FOR EACH SHIPMENT derived from AQAP 2131 – 2.5.1</p> <p>After FAI has been performed Buyers Quality Assurance will determine which characteristics must be measured for each part during series production. After proven production stability sampling can be introduced in close consultation with Buyers Quality Assurance.</p> <p>For each determined characteristic, inspection data documentation showing required and actual inspection results, traceable to each part measured, must be included with each shipment.</p>
<p>11</p>	<p>PHYSICAL/CHEMICAL TEST REPORTS derived from AQAP 2131 – 2.5.1</p> <p>On top of the requirements of Annex B Part 3.1 “Required documents” A Physical/Chemical test report for Raw Material is required and shall contain the following: - Name/number of the specification with which the material is in compliance. - The melt/heat lot number or other traceable designation (i.e. purchase order number, invoice number, etc.). - The reports shall indicate the percentage of each element that makes up the chemical composition and the physical properties of the raw material and a statement of conformance to the applicable specification.</p> <p>On Fokker’s request the applicable reports shall be available to Fokker within 48 hours after becoming available to the Supplier.</p>
<p>12</p>	<p>CORRECTIVE ACTION derived from AQAP 2110 – 8.3</p> <p>When requested to provide corrective action, prepare a report documenting the occurrence, findings, and assessment of the affected product and submit to the Buyer. Provide objective evidence of relentless root cause analysis and implementation of corrective action that eliminates risk of reoccurrence.</p>
<p>13</p>	<p>GOVERNMENT SOURCE SURVEILLANCE derived from AQAP 2131- 2.1</p> <p>During performance on this contract, manufacturing and associated processes, products and inspection and /or test data are subject to review, verification, examination, test and/or analysis by authorized Government representatives. Government inspection or release of product prior to shipment is not required unless you are otherwise notified.</p>
<p>14</p>	<p>MATERIAL SAFETY DATA SHEET (MSDS)</p> <p>Whenever the material supplied in fulfillment of this Purchase Order is supplied to Buyer for the first time, a current, detailed Material Safety Data Sheet (MSDS) shall accompany the shipment, given that the material is either toxic or hazardous or both as defined by any applicable law, code statute or regulation. Whenever an MSDS is revised, a post revision copy shall be furnished with the next shipment.</p> <p><u>Shipment documentation:</u> Whenever an MSDS needs to accompany a material shipment to Buyer, an additional copy of the MSDS shall be sent, under separate cover, to the cognizant Buyer.</p>
<p>15</p>	<p>SHELF LIFE MATERIALS</p> <p>Used shelf life materials shall be “factory new” unless Buyer’s written permission. In addition to the requirements of Annex B note 6 “Product characteristics”</p> <p>Articles with shelf life limitations shall be delivered with at least 75% (3/4) of the allowed shelf life remaining unless prior written consent of the Buyer is obtained.</p>
<p>16</p>	<p>RESPONSIBILITIES OF SUPPLIER</p> <p>Supplier shall report to Buyer all cases where products, parts or appliances have been released and subsequently identified to have deviations from the applicable design data.</p>



17	<p>RESTRICTIONS IN THE USE OF HAZARDOUS SUBSTANCES derived from Contract PvE</p> <p>The E-Lighter system parts shall comply with the MoD restrictions in the use of hazardous substances in equipment and consumables as described in:</p> <p style="text-align: center;">Appendix M “Customer Environmental Requirements” of the contract or E-lighter- Appendix M on the Fokker Aerostructures website in case of a purchase order: http://www.fokker.com/frfa-Supplier-Portal</p> <p><i>Note: the Supplier shall explicitly state in its quotation that it will conform to these restrictions.</i></p>
18	<p>REACH REQUIREMENTS – guidance on Annex B note 7.</p> <p>The supplier shall provide information of parts containing one or more substances, identified in the candidate list, with a concentration higher than 0,1% mass/mass.</p> <ul style="list-style-type: none"> - Supplier shall establish via proper calculations whether each of these substances contained in the "Items" provided to Fokker, exceed or not the 0.1% mass/mass threshold. - Supplier shall give Fokker the list of all the items containing one or more substances listed in the candidate list, together with the technical description of the concerned substances (name, CAS Number , EINECS Number), details about the materials (reference, manufacturing site, etc...) and shall mention if this substance exceed or not 0,1% mass/mass. - The REACH-report is part of the Delivery Documentation.
19	<p>DISCREPANCIES BETWEEN BUYERS DRAWINGS AND MANUFACTURERS PARTNUMBER</p> <p>Manufacturers part numbers on Buyers drawing are for reference only. In case of any discrepancy between the manufacturers part number and Buyers drawing, Buyers drawing will prevail. It is Suppliers responsibility to check if the referred manufacturer part number is in accordance with Buyers drawing. Supplier shall report in writing to Buyer of all such discrepancies prior to delivery.</p>
20	<p>MANUFACTURER’S PART NUMBERS</p> <p>If an item on this Purchase Order is controlled by a drawing that references a "Suggested Source of Supply" and/or "Manufacturer Part Number", this shall not to be construed as a guarantee that the suggested supplier and/or manufacture's part number meets the requirements of the drawing. It is the Suppliers responsibility to assure that the "Suggested Source of Supply " and/or "Manufacture Part Number" meets all drawings required on this Purchase Order.</p>
21	<p>PRESERVATION, PACKAGING derived from ISO 9001 – 2008 – 7.5.5</p> <p style="text-align: center;">See Appendix C “Goods Delivery Specification” of the contract or E-lighter - Appendix E on the Fokker Aerostructures website in case of a purchase order: http://www.fokker.com/frfa-Supplier-Portal</p>
22	<p>TOOLING/EQUIPMENT DOCUMENTATION, CONTROL, ACCOUNTABILITY</p> <p style="text-align: center;">See Appendix G “Tooling” of the contract or E-lighter - Appendix G on the Fokker Aerostructures website in case of a purchase order: http://www.fokker.com/frfa-Supplier-Portal</p>
23	<p>BUYER’S PERMISSION</p> <p>Deviating from above mentioned requirements is only allowed with Buyer’s written permission.</p>