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Approved by	Thiede, Fridtjof		

Wärtsilä SAM Electronics GmbH Supplier Requirements

(valid in addition to Wärtsilä Supplier Requirements)



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1. Abbreviations

AQAP-2110: 2016	NATO Standard AQAP-2110 NATO Quality Assurance Requirements for Design, Development and Production
GQA	Governmental Quality Assurance (Güteprüfung)
WSAM	Wärtsilä SAM Electronics GmbH
MES	Marine Electrical Systems
NCDR	Nonconformity Deviation Report



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2. General

The purpose of this document is to inform the product relevant suppliers of WSAM of the expectations of WSAM as a customer. It is relevant to all deliveries and applies to all supplier contracts which are product relevant.

All suppliers or contractors are called “suppliers” in this document going forward.

Type of suppliers

For the following suppliers the document is applicable for:

Supplier Types	Definition
1 – Production	A supplier that manufactures products, tests or performs controlled processes, in accordance to WSAM engineering specifications and/ or drawings according to project specific requirements or its own engineering specifications and drawings (including software).
2 – Products	A supplier who designs, manufactures, assembles and tests its own products using its own engineering specifications and drawings (including software).
3 – Distributors	A supplier that distributes products in accordance to WSAM engineering specifications and/ or drawings according to project specific requirements.
4 – Maintenance Organisation	A supplier who repairs, maintains or completes. a) In service vessel b) In service vessel components
5 – Commercial off the shelf (COTS)	A supplier, who sells, as is, new commercial goods and catalogue items of the shelf.
6 – Logistics provider	A logistics provider is a WSAM supplier that performs a contracted function of WSAM, controlling the flow of resources (people, products, services, processes, etc.)
7 – Buyer furnished / provided equipment	A customer of a vessel who purchases (provides) its own products to be installed on its vessel, and delivers it directly to WSAM
Supplier Cat 7 - Contractors	A supplier who provides human resources and organises the service packages (including cable pulling, installation of cable trays, etc.) and engineering packages on behalf of WSAM on the vessels. This kind of supplier can provide both human resources white or blue collar



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3. Supplier Requirements

All Suppliers of Marine Electrical Systems (WSAM) shall

- implement a Quality Management System
 - ➔ the ISO 9001 certificate or other proof (or equivalent) to be provided to Supplier Development WSAM
- use customer-designated or approved external providers, including process sources (e.g. special processes)
 - ➔ a list of sub suppliers shall be provided and approved by customer
- notify the customers organisation of nonconforming processes, products or services and obtain approval for their disposition
 - ➔ any Nonconformity shall be reported to customer using a NCDR (Nonconformity Deviation Report – copy can be requested)
- prevent the use of counterfeit parts (if applicable)
 - ➔ customer expects supplier implementation of appropriate measures to prevent counterfeit parts to be delivered to customer or used for works
 - ➔ customer expects supplier to familiarise with DIN EN 9100:2018 chapter 8.1.4 and implement measures accordingly
- notify the organisation of changes in processes, products or services, including changes of their external providers or location of manufacturers and obtain the customer organisations approval.
 - ➔ All changes need to be addressed and approved by customer
- flow down to external providers applicable requirements including customer requirements
 - ➔ all sub suppliers of our suppliers shall know customer requirements
- Provide test specimens for design approval, inspection/verification, investigation or auditing
 - ➔ Supplier shall provide documents for customers approval
- Retain documented information, including retention periods and disposition requirements.
 - ➔ All suppliers shall store their contract relevant and related documentation according to applicable law and case by case with the requirements set in customer contracts.



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In case of termination of the frame contract or the purchase orders under the frame contract, the Supplier has the obligation to make available product-related documentation on request of WSAM or WSAM's customer. In case of termination of this Agreement and/or if the Supplier desires to wholly or in part sell or otherwise transfer to a third party any Intellectual Property Rights that are necessary for the utilisation and/or manufacturing of the Supply, WSAM shall have the right of first refusal to receive either a license to such Intellectual Property Right, or to purchase the title to such Intellectual Property Right against compensation which shall not exceed the fair market value for such assets or the price the Supplier would charge from its most favoured customers, whichever is less.

Suppliers shall allow the right of access by the organisation, their customer and regulatory authorities to the applicable areas of facilities and to applicable documented information, at any level of the supply chain.

Also the suppliers shall ensure that persons are aware of their contribution to product or service conformity, their contribution to product safety and the importance of ethical behaviour.

All requirements of this contract may be subject to GQA. You will be notified of any GQA. AQAP-2110 latest version applies.