

**EC PRODUCTION QUALITY
MANAGEMENT CERTIFICATE****This is to certify:**

That the Quality Management System of

Manufacturer

**General Electric Company
One Neumann Way, Cincinnati, Ohio 45215 , USA**for production, final inspection and testing of
Manifold Piping for Gas Turbine Engine Assemblieshas been assessed with respect to
the conformity assessment procedure as described in Annex III (Module D1) of Council Directive
97/23/EC on Pressure Equipment, as amended, and found to comply

Further details are given overleaf

**Høvik, 2016-02-11
for DNV GL**This Certificate is valid until
2019-02-11Notified Body No.: **0575**Digitally Signed By: Marveng, Marianne Spæren
Location: DNV GL Høvik, Norway
Signing Date: 12.02.2016**Marveng, Marianne Spæren
Certification Manager**DNV GL local office:
DNV GL Houston**Rasmussen, Hans Dyrdal
Technical Reviewer**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. Except for any liability caused by DNV GL's gross negligence or wilful misconduct, DNV GL's maximum cumulative liability arising out of or related to the use of or reliance on this document shall be limited to USD 300 000.
The digitally signed and electronically distributed document is the original and valid certificate. Ref.: www.dnv.com/digitalsignatures

Job Id: **PRJC-220642-2010-PRC-USA**
 Certificate No: **109438-2012-CE-HOU-DNV**
 Revision No: **1**

Jurisdiction

Application of Council Directive 97/23/EC of 29 May 1997 on Pressure Equipment, adopted as regulation of 1999-06-09 no. 721 "Forskrift for Trykkr kjent Utstyr" by the Norwegian Directorate of Civil Protection and Emergency Planning and by the Petroleum Safety Authority Norway.

Certificate history

Revision	Description	Issue Date
-	Original certificate	2012-02-07
1	<ul style="list-style-type: none"> Name of one manufacturer changed Design temperature changed to -54�/649�C Recertification 	2016-02-11

Products covered by this Certificate

Product Group	Type of Material	Applied Product Standards
Manifold Piping	Non-ferritic & austenitic stainless steel	ASME B31.3:2014/Manufacturer specification

Applications/Limitations

- The product covered are intended for industrial environments only
- This certificate only relates to pressure safety. Other Directives, covering other phenomena and also having requirements related to CE marking may also apply.
- This certificate is limited to materials which have been covered under Particular Material Appraisal (PMA) by General Electric Company, compliant with PED Annex I, section 4.2.
- Welding performed on category II equipment must be performed by welders qualified according to PED Annex I, section 3.1.2
- Material manufacturers listed in this certificate who do have a quality management system certificate issued by a certification body "established within the community" according to PED Annex I, 4.3, must be under annual surveillance by General Electric and periodic audit by DNV GL Business Assurance USA, Inc.

Sites covered by this Certificate

Product Name	Production Site Name	Address
Product Owner, Vendor Supply Chain Quality, Purchasing	General Electric Company	One Neumann Way, Cincinnati, Ohio - USA
Purchasing, forming, welding, final assessment of manifold piping components & assemblies	Unison-Dayton	2455 Dayton Xenia Road, Dayton, Ohio-USA
Forming, welding of piping components, hydrostatic testing	Montana Precision Products	11980 Rick Jones Way Butte, Montana - USA
Purchasing, forming, welding, final assessment of manifold piping components & assemblies.	Unison Engine Components	Ul. Nowowiejska 50A 58-200 Dzierzoniow, Polska

Sub-Suppliers covered by this Certificate

Product Name	Production Site Name	Address
Tubing/Duct - welded and seamless	Western Pneumatic	35 6th St South, Kirkland, WA

Job Id: **PRJC-220642-2010-PRC-USA**
Certificate No: **109438-2012-CE-HOU-DNV**
Revision No: **1**

Design Data

Maximum Allowable Pressure (PS)	Maximum/Minimum Allowable Temperature (TS)	Fluid	Fluid Group
97 bar g	-54°/649°C	Air/Gas Fuel/Liquid Fuel/ Steam	1/2

Performed Audits

DNV GL has carried out the Assessment of the Manufacturers Quality System to verify that the relevant requirements relating to the above listed product(s) have been implemented

Assessment has been carried out on the production sites by DNV GL Business Assurance USA, Inc., as described in Assessment Reports dated 2015-05-08, 2015-06-03 & 2015-05-12.

Terms and conditions

The certificate is subject to the following terms and conditions:

- In case of damages caused by defective products, directive 85/374/EEC, as amended, will apply
- The certificate is only valid for the products and/or manufacturing premises listed above.
- The Manufacturer shall fulfil the obligations arising out of the quality system as approved and uphold it so that it remains adequate and efficient.
- The Manufacturer shall inform the local DNV GL Office of any intended updating of the quality system and DNV GL will assess the changes and decide if the certificate remains valid.
- The Manufacturer shall inform the local DNV GL Office of any addition/modification of products and/or design for products and DNV GL will decide if a reassessment of the quality system is required.
- Periodical audits will be held, in order to verify that the Manufacturer maintains and applies the quality system. DNV GL reserves the right, on a spot basis or based on suspicion, to pay unannounced visits.
- The local DNV GL Office must be informed of any sub-suppliers for main pressure retaining parts.

The following may render this Certificate invalid:

- Changes in the quality system.
- Periodical audits not held within the allowed time window.

Conformity declaration and marking of product

When meeting with the terms and conditions above, and based on a EC Design Examination Certificate or EC Type Examination Certificate valid for the same product(s), the Manufacturer may draw up an EC Declaration of Conformity and legally affix the CE mark followed by the Notified Body identification number of DNV GL Notified Body No.: 0575.