

EU TYPE EXAMINATION CERTIFICATE - PRODUCTION TYPE

This is to certify that LRQA Nederland B.V., a Notified Body under the terms of the Pressure Equipment Directive 2014/68/EU, did (in accordance with Module B of the Directive) undertake a type examination on the stated pressure equipment to ensure conformity with the requirements of the Directive which apply. The pressure equipment identified below was shown to comply.

This certificate is issued to:

APPLICANT: Emerson Process Management Valve Automation, Inc.
19200 Northwest Freeway, Houston, TX 77065 USA

Additional manufacturing Locations:

- 1) Emerson Process Management (Tianjin) Valves CO., LTD.
NO. 15 Xingwang Road, Wuqing Development Area, Tianjin, P.R. China
- 2) Emerson Process Management India PVT.LTD.
Plot No C1, Talegaon Industrial Area, Talegaon MIDC, Phase 2,
Mindewadi, Taluka Mawal Pune, MH 410506 India
- 3) Emerson Process Management Hungary Limited,
Székesfehérvár, Holland fasor 6, 8000 Hungary

PRODUCT DESCRIPTION: GH, GHC, FGH and FGHC Series Pneumatic Actuators

- GH2, GH3, GH4, GH5, GH7, GH8, GH10
- GHC2, GHC3, GHC4, GHC5, GHC7, GHC8, GHC10
- FGH2, FGH3, FGH4, FGH5, FGH7, FGH8, FGH10
- FGHC2, FGHC3, FGHC4, FGHC5, FGHC7, FGHC8, FGHC10

PRODUCT TYPE: Pressure Vessel

DESIGN STANDARD: ASME Code, Section VIII Div. 1 : 2021

The attached Schedule details the content of the Technical Documentation and Specified Standards and shall form part of this certificate.

"This Certificate is not valid for pressure equipment, the design, ratings or operational parameters of which have been varied from the specimen tested. The manufacturer shall notify the Notified Body of any modification or changes to the pressure equipment to maintain a valid certificate."

Certificate No.: 0343/PED/ROT/20020088/C
Original Approval: 08 September 2015
Current Issue: 16 January 2025
Certificate Expiry: 15 January 2035
Notified Body No. 0343

Shyam Gopalakrishnan on behalf of LRQA Nederland B.V.

LRQA Nederland B.V. (Reg. no. 24247948) is a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam. A subsidiary of LRQA Group Limited.

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CERTIFICATE SCHEDULE

0343/PED/ROT/20020088/C

Equipment data:**Product Description:****Pressure Vessel****Product Type:****GH, GHC, FGH and FGHC Series Pneumatic Actuators**

- GH2, GH3, GH4, GH5, GH7, GH8, GH10
- GHC2, GHC3, GHC4, GHC5, GHC7, GHC8, GHC10
- FGH2, FGH3, FGH4, FGH5, FGH7, FGH8, FGH10
- FGHC2, FGHC3, FGHC4, FGHC5, FGHC7, FGHC8, FGHC10

Maximum Design Pressure:**As per the TCF****Capacity / Size:****12" (305mm) to 44" (1118mm) diameter**

The undermentioned documents have been reviewed for compliance with the Pressure Equipment Directive 2014/68/EU and the following Design Standard(s):

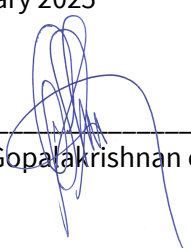
ASME Code, Section VIII Div. 1 :2021

Technical File Contents

Title	Document Number	Date
As detailed in the Design Appraisal Document PRJ11100430608-020-2, issue 0, dated 26 April 2024		

LRQA Reports

Title	Document Number	Date
Design Appraisal Document	PRJ11100430608-020-2, issue 0	26 April 2024
Inspection Certificate	NAO0102524/1	04 September 2015
Visit Report	PRJ11100430608 visit report no 1	12 June 2024

Schedule Issue:**03****Date of Schedule Issue:****16 January 2025****Notified Body No. 0343**
Shyam Gopalakrishnan on behalf of LRQA Nederland B.V.