

EC TYPE EXAMINATION CERTIFICATE

This is to certify that Lloyd's Register Verification, a Notified Body under the terms of:
The Pressure Equipment Directive 97/23/EC;
The Pressure Equipment Regulations 1999, UK Statutory Instrument 1999 No. 2001, SI 2002 No. 1267
and SI 2015:399 did (in accordance with Module B of the Directive) undertake an EC Type Examination on
the stated pressure equipment to ensure its conformity with the requirements of the Directive which apply
to it. The equipment identified below was shown to comply.

This certificate is issued to:

APPLICANT: Emerson Process Management
19200, NW Frwy, Houston TX 77065

AUTHORISED REPRESENTATIVE: Bettis UK Limited
3 Furze Court, Wickham Road Fareham
Hampshire PO16 7SH
United Kingdom

PRODUCT DESCRIPTION: GH and GHC Series Pneumatic Actuators
- GH2, GH3, GH4, GH5, GH7, GH8, GH10
- GHC2, GHC3, GHC4, GHC5, GHC7, GHC8, GHC10

PRODUCT TYPE: Pressure Vessel

DESIGN STANDARD: ASME Section VIII Division 1: Edition 2013

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 LRV of any modification or changes to the equipment in order to maintain a valid certificate."

"This certificate is valid for ten years from the date of issue."

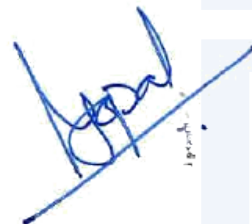
Certificate No: 0038/PED/20020088/C

Original Approval: 08 September 2015

Current Certificate: 08 September 2015

Certificate Expiry: 07 September 2025

LRV Notified Body Number 0038



Gopal Nair on behalf of Lloyd's Register Verification

Lloyd's Register Verification Limited, 71 Fenchurch Street London EC3M 4BS UK

**EC TYPE EXAMINATION (MODULE B)
EMERSON PROCESS MANAGEMENT
GH & GHC SERIES PNEUMATIC ACTUATORS
CERTIFICATE NO: 0038/PED/20020088/C SCHEDULE**

EQUIPMENT DATA

Type:

Maximum Working Pressure:

Pressure Vessel

ACTUATOR	MOP
	psi
GH2x12-SR0	168
GH2x12-SR1	163
GH2x12-SR2	158
GH2x12-SR3	154
GH2x12-SR4	150
GH3x14-SR0	200
GH3x14-SR1	194
GH3x14-SR2	187
GH3x14-SR3	181
GH3x14-SR4	176
GH3x16-SR0	154
GH3x16-SR1	146
GH3x16-SR2	141
GH3x16-SR3	137
GH3x16-SR4	133
GH4x20-SR0	160
GH4x20-SR1	152
GH4x20-SR2	145
GH4x20-SR3	140
GH4x20-SR4	136
GH5x24-SR0	168
GH5x24-SR1	168
GH5x24-SR2	168
GH5x24-SR3	165
GH5x24-SR4	161
GH7x28-SR0	196
GH7x28-SR1	196
GH7x28-SR2	192
GH7x28-SR3	186
GH7x28-SR4	181
GH7x32-SR0	157
GH7x32-SR1	152
GH7x32-SR2	146
GH7x32-SR3	142
GH7x32-SR4	138
GH8x32-SR0	200
GH8x32-SR1	200
GH8x32-SR2	200
GH8x32-SR3	194
GH8x36-SR0	169
GH8x36-SR1	163
GH8x36-SR2	157
GH8x36-SR3	152
GH10x40-SR1	202
GH10x40-SR2	194
GH10x40-SR3	188
GH10x40-SR4	182
GH10x44-SR1	166
GH10x44-SR2	160
GH10x44-SR3	154
GH10x44-SR4	150

Capacity (based on size): 12" through 40"
Maximum Operating Pressure 13.93 bar(g)

The undermentioned documents have been reviewed for compliance with the Pressure Equipment Directive 97/23/EC and following Design Code(s):

ASME Sec VIII Division 1 Edition 2013

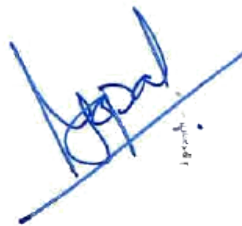
TECHNICAL FILE CONTENTS

Title	Document Number	Revision
Series GH (GH2-GH10) and GHC (GHC2-GHC10)	DF 126	D
1.0 Introduction		
2.0 Drawing Register		
3.0 Technical Documentation		
4.0 Bills of Material		
5.0 Essential Safety Requirements Checklist:		
6.0 Risk Assessment		
7.0 Particular Material Appraisals		
8.0 Declaration of Conformity		
9.0 Installation, Operation & Maintenance Manuals		
10.0 Welding and Joining		

LRV REPORTS

Title	Document Number	Date
Design Appraisal Document	NAO0102524/002/SMR Issue 1	28 August 2015
LR Type approval Certificate (for reference)	07/60002(E2)	6 Feb 2013
Inspection Certificate	NAO0102524/1	04 Sep 2015

Schedule Issue: 03
 Date of Schedule Issue: 08 Sep 2015
 LRV Notified Body Number 0038



 Gopal Nair on behalf of Lloyd's Register Verification