

## Type Approval Certificate Extension

This is to certify that Certificate No. 95/30022(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Emerson Process Management, Valve Automation Asveldweg 11 7556 BT HENGELO The Netherlands
<b>PLACE OF PRODUCTION</b>	Emerson Process Management, Valve Automation Lot 13112, Mukim Labu, Kawasan Perindustrian Nilai, 71807 Nilai, Negeri Sembilan MALAYSIA
<b>DESCRIPTION</b>	Pneumatic Rotary Actuators for On/Off service
<b>TYPE</b>	Double Acting: ED 12, ED 25, ED 40, ED 65, ED 100, ED 200, ED 350, ED 600, ED 950, ED 1600 PD 2500 and PD 4000, double acting  Single Acting: ES 12, ES 25, ES 40, ES 65, ES 200, ES 350, ES 600, ES 950, ES 1600 PS 2500 and PS 4000, single acting, spring return
<b>APPLICATION</b>	Marine application or use in environmental category ENV1 ENV 2 or ENV 3 as defined in LR Type Approval System, Test Specification no.1, 2002.
<b>STANDARD</b>	EN ISO 5211: 2001 VDI/VDE 3845: 2004 Pressure Equipment Directive ATEX Directive (NEN-EN- 13463-1: 2001)
<b>Certificate No.</b>	95/30022(E3)
<b>Issue Date</b>	8 November 2011
<b>Expiry Date</b>	19 March 2016
<b>Sheet</b>	1 of 2



A.W. van der Velden  
Type Approval Department  
Lloyd's Register EMEA

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*"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify LR of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. ROT.TA.1191690 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

*All other details remain as the previous Certificate No. 95/30022 to which this extension should be attached.*

*"When Rules and Standards mentioned in this certificate are changed within the validity of this certificate, than this certificate becomes no longer valid."*

Certificate No.	95/30022(E3)
Issue Date	8 November 2011
Expiry Date	19 March 2016
Sheet	2 of 2

  
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## DESIGN APPRAISAL DOCUMENT

Date 8 November 2011	Quote this reference on all future communications ROT.TA. 1191690/AWV
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### LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.

Issued to: Emerson Process Management, Valve Automation, Hengelo, The Netherlands

For: Pneumatic Rotary Actuators for On/Off Service

TYPE APPROVAL CERTIFICATE No. 95/30022(E3)

The undernoted documents have been reviewed for compliance with the requirements of Lloyd's Register's Type Approval System, 2002 and this Design Appraisal Document is a supplement to the Certificate.

#### APPROVAL DOCUMENTATION

See previous approval documentation

#### TEST REPORTS

See previous test reports

#### Supplementary Type Approval Terms and Conditions

*Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.*

*Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.*

*Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.*

*Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.*



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Senior Surveyor  
Type Approval Department