

## Mutual Recognition Type Approval Certificates

Below is the list of products where Mutual Recognition Type Approval is available as per the relevant requirements of the European Union Recognised Organisation Mutual Recognition (EU RO MR) procedure pursuant to Article 10 (1) of EU Regulation 391/2009. Products currently approved by Lloyd's Register are shown in **bold text**. For further details of the EU RO Mutual Recognition scheme see the dedicated **EU RO Mutual Recognition web site**.

AC Semiconductor Controllers

Accumulator Battery

**Adjustable Steel Chocks**

Air Compressors

**Air Pipe Automatic Closing Device**

Battery Chargers

Boiler Remote Level Indicator

Cable Ties

Cable Trays & Ducts (Glass Reinforced Plastic / GRP)

Cable Trays & Ducts (Metallic)

Circuit Breakers

Circuit Breakers With Electronic Devices

Class III Pipe Fittings

**Computers & Programmable Logic Controllers**

Connecting Systems for Cable Repair

Contactors

Contactors with Electronic Devices

Control and Protective Switching Devices

**Display Monitors, Video Screens Terminals**

Electric Cables - Heating Cables

Electric Driven Motors < 20kW

**Electrical Actuators for Valves**

Electrical / Electronic Relays

Electronic Power Units for Valve Control

Electro-Pneumatic Level Transmitters (EPLT)

Expansion Joints

Flameproof Luminaire (Lighting Fixture)

Flow Gauges/Transmitters

Fuses

Insulation Panels for Provision Rooms & Chambers

Level Gauges / Transmitters

LV Enclosures & Boxes

LV Transformers

Mechanical Joints

Pilot Devices

Plastic Piping Systems (Components)

Pneumatic Actuators for Valves

Pressure Gauges - Transmitters

**Resin Chocks**

**Sensors**

Soft Starters

Solenoid Valve Assembly

Spark Arrestors

Stationery Lighting Fixtures / Flood Light Projectors

Switches

Tachometers

Temperature Gauges and Transmitters

Thermal Insulation of Organic Foams for Piping

Valves for Bilge Systems

Valves for Cargo systems

Valves for Freshwater Systems

Valves for Fuel Oil systems

Valves for Lubricating Oil and Hydraulic Oil Systems

Valves for Sanitary Systems

Valves for Seawater Systems

[Link to LR Type Approval](#)

## Mutual Recognition Type Approval Certificates – Adjustable Steel Chocks

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Manufacturer	Place of production	Product	Type designation	Application	Certificate No.	Expiry date
Biezepol MetaalbewerkinBie zepol Metaalbewerking B.V. Industrieweg 21 2995 BE HEERJANS DAM The Netherlands	The Netherlands	MecLev® Adjustable Steel Chock (S 355 JO)	ML-1216 ML-3642 ML-1620 ML-4248 ML-2024 ML-4856 ML-2430 ML-5664 ML-3036 ML-6472	Marine use	15/30008MR	09 July 2020

## Mutual Recognition Type Approval Certificates – Air Pipe Automatic Closing Device

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Manufacturer	Place of production	Product	Type designation	Application	Certificate No.	Expiry date
Winel BV Dr Philipsweg 55 9403 AD Assen The Netherlands	The Netherlands	Aluminium Tank Check Valve	Size DN40/50/65/80/100/125/150/175/200/250/300/ 350/400 and 450mm	Marine use	14/00072(E2)	18 September 2019
Winel BV Dr Philipsweg 55 9403 AD Assen The Netherlands	Vietnam	Tank Vent Check Valve	Type CMO Aluminium or hot dipped galvanised steel Size DN 40 - 400 mm	Marine use	18/00019	06 March 2023

## Mutual Recognition Type Approval Certificates – Computers and Programmable Logic Controllers

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Manufacturer	Place of production	Product	Type designation	Application	Certificate No.	Expiry date
Microdata Due S.r.l via Gretidel Vara N°9, 19020 Follo - (La Spezia), Italy	Italy	I/O Control Board System	MD2208-MD9842-COB Stand Alone	Marine use	17/00044	30 March 2022

## Mutual Recognition Type Approval Certificates – Display Monitors, Video Screens Terminals

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Manufacturer	Place of production	Product	Type designation	Application	Certificate No.	Expiry date
Mariner Systems (UK) Ltd. Oaklands Park, Workingham, Berkshire, RG41 2FD UK	Busan, South Korea	A-Line Monitor Series (22/24/27-inch)	Model numbers: MSD22A-xxx, MSD24A-xxx and MSD27A-xxx	Marine use	17/00014	31 January 2022

## Mutual Recognition Type Approval Certificates – Electrical Actuators for Valves

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Manufacturer	Place of production	Product	Type designation	Application	Certificate No.	Expiry date
Rotork Controls Ltd. Brassmill Lane Bath, England BA1 3JQ United Kingdom	United Kingdom	IQT3 Range of Electric Actuator	IQT, IQTM, IQTF AND IQTFM	Marine use	18/00005	14 January 2023

## Mutual Recognition Type Approval Certificates – Resin Chocks

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Manufacturer	Place of production	Product	Type designation	Application	Certificate No.	Expiry date
Advanced Materials Group Company Ltd. Unit I, 24/F, Sheild Industrial Centre 84-92, Chai Wan Kok Street, Tsuen Wan, N.T., Hong Kong	Hong Kong	Resin Chock	Polypad Super Chock	Marine use	15/00103	14 December 2020

## Mutual Recognition Type Approval Certificates – Sensors

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Manufacturer	Place of production	Product	Type designation	Application	Certificate No.	Expiry date
KMC #21 Gayang-ro Beon-gil Changwon Gyeongnam South Korea	South Korea	Temperature Sensor	Pt100	Marine use	17/40060	22 October 2022
Kistler Instrumente AG Eulachstrasse 22 8408 Winterthur Kanton Zürich Switzerland	Switzerland	Piezoelectric Pressure Sensor	6635 x Q yy (process connection M10x1) 7635 x Q yy (Process connection M14x1,25)	Marine use not applicable for Mobile Offshore Drilling Units (MODU) or Fishing Vessels	18/00013MR	29 January 2023