Certificate No: LR2147151TA
Issue Date: 04/02/2021
Expiry Date: 03/02/2026

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Biezepol Metaalbewerking BV**
Address	21 Industrieweg, Heerjansdam, 2995 BE, Netherlands
Type	Engine Mountings
Description	Adjustable Steel Chocks, MECLEV® ML (S 355JO), MECLEV® ML-LAS (34CrNiMo6)
Trade Name	MECLEV® and MECLEV® LOW - Alloyed Steel (LAS) - see Appendix for approved types of steel chocks
Application	For use as adjustable steel chock on ships, classed or intended to be classed by Lloyd's Register, for marine equipment, i.e. for installation of propulsion engines, auxiliary engines, generator installations, gear boxes and other machinery components.
Specified Standard	Manufacturer's Specification(s), Lloyd's Register Rules and Regulations for the Classification of Ships, July 2020
Ratings	See Appendix

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Matthijs Breel

Lead Specialist Propulsion Systems and
Deputy to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Other Conditions

Ratings, as stated, are dependent upon configuration of components.

The MECLEV ML/ ML-LAS Element is not to be subjected to load in transverse direction.

The MECLEV ML/ML-LAS Elements are to be installed in accordance with the "MECLEV Installation Instructions", MECLEV Information book, Version 1.4. Special attention is to be given to the maximum adjustment height allowed for standard elements.

The holding down arrangement calculations to be in accordance with the "Application Design Instructions", MECLEV Information book, Version 1.4.

For each application with MECLEV ML/ML-LAS Elements, being reduced in height, particulars and details of amended MECLEV Element are to be submitted to the relevant Classification Society. Attention should be given to maximum allowable adjustment height for the amended MECLEV element.

For each application with MECLEV ML/ML-LAS Element, where dimensions of washer (disc) or bolt are amended to accommodate a bolt size not specified in MECLEV information book, Version 1.4, particulars and details to be submitted to relevant Classification Society.

Particulars and chock arrangement details are to be submitted for approval to the Society for each application.

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 Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document RTS-TA-PRJ11100233876/MB and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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