Certificate No: LR2022214WA
Issue Date: 21/07/2020
Expiry Date: 20/07/2023

Recognised proving establishment for anchoring and mooring equipment

Manufacturer **Hiroshima Metal and Machinery Co., Ltd.**

Address 1-2-43, Hiro Shiratake, Kure City, Hiroshima, 737-0144, Japan

Type Anchoring And Mooring Equipment Testing

Equipment Type Approval of the following Testing Establishment:

Manufacturer of the machine: SHIMADZU SEISAKUSHO
Serial Number Capacity (KN): T-73NG14
Approved for testing of : Anchors, Fittings
Maximum Capacity: 3000KN

The following conditions apply:

- All calibrations should be witnessed by a Lloyd's Register Surveyor. Copies of the calibration reports should be submitted with the periodical report.
- Machines should be calibrated on an annual basis or after repair or if relocated.
- The calibration is to be carried out in accordance with ISO 7500/1 or equivalent.
- The relative errors are not to exceed the following:

  Accuracy ± 1.0%
  Repeatability 1.0%
  Reversibility 1.5%
  Zero ± 0.1%
  Relative resolution 0.5%

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Lili Hou

Lead Specialist 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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This approval is subject to compliance with the Lloyd's Register Rules for the Manufacture, Testing and Certification of Materials.

This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.

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