Certificate No: LR26228295QAES
Issue Date: 31/05/2026
Expiry Date: 30/05/2029

Quality Assurance Engineering Scheme Certificate

Manufacturer Taiko Kikai Industries Co., Ltd.

Address 209-1, Oaza Shimotabuse, Tabuse-Cho, Kumage-gun, Yamaguchi, 742-1598, Japan

Scheme Type **Quality Assurance Scheme for Machinery (QAM)**

Approval Number **QAM085/A9**

Product Type	Centrifugal Pumps
Product Name	Centrifugal Pump
Product Type	Gear Pumps
Product Name	Gear Pump
Product Type	Hydrophore Tank Unit
Product Name	Hydrophore Tank Unit
Product Type	Piston Pump
Product Name	Piston Pump
Product Type	Screw Spindle Pumps
Product Name	Screw Pump

This is to certify that the above named manufacturer has been approved in accordance with the requirements set out in the Quality Assurance Scheme for Machinery (QAM) within the Lloyd's Register Rules and Regulations for the Classification of Ships.

The quality system and procedures at these works covering production methods, inspection and testing, quality control and general standards of workmanship have been examined and are approved for the manufacture of the undernoted product(s) at the stated place(s) of production.

Such items will be eligible for fitting in ships or other installations classed or intended for classification subject to satisfactory installation under the usual conditions of survey and testing.
This approval is conditional upon the product(s) manufactured and certified under this Scheme being in

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Hiroki Tonda

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accordance with the relevant requirements of the Rules and Regulations for the Classification of Ships and the organisation and procedures being audited by the Surveyors at agreed intervals.

For details of the scope of approval see subsequent pages of this certificate.

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.

The Quality Assurance Scheme for Machinery is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations for the Classification of Ships are complied with.

Scope of products covered by the scheme:

1. Centrifugal Pump

TMC / TMV / TMS / EMC / ESC / EMD / ESD / FMC / 2MF / 2BF / 2MS / 4MS / 2MT / 3MT / 4MT / HC – J / EHC – J / CVC / EVS / EMS / VS / VS-S / EHC / EHS / HC / 2HC / EHCV / HD / EVC / CFP / C1T / C2T

2. Gear Pump

NHG / NHGH / HHC / HHB / VHB / HG / VG / LGB / HHR / SL / SLW / BHG / WL / CGL / CWL / CUL / CJH / OL / F / FN / LBS

3. Hydrophore Tank Unit

UH – 0.5 – [1 R/L][2 R/L][1 R/LH][2 R/LH] / UH – 1.0 – [1 R/L][2 R/L][1 R/LH][2 R/LH] / UH – 1.5 – [1 R/L][2 R/L] / UH – 2.0 – [2 R/L]/ VPT – 100N / VPT – 150N / VPT – 200N / VPT – 300N

4. Piston Pump

PD / LD / HPK / STP

5. Screw Pump

HNP / CSL / CSE / MST - T / MST – HT / MSTE-HA / MSV / MSH / MSH – X / MSE / MSB / MSM / MSD

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