Certificate No: LR2532307TA
Issue Date: 04/06/2025
Expiry Date: 03/06/2030

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	**ICR Integrity Limited**
Address	Claymore Avenue, Bridge of Don, Aberdeen, AB23 8GW, United Kingdom
Type	Mechanical Pipe Joints
Description	Quickflange Fixed is a slip-on flange that fastens to the pipe by means of a swaging process. The connection between flange hub and pipe is considered a grooved swage type compression coupling made of metallic materials. Designed as a mechanical joint according to ASME B31.3, Process Piping.
Trade Name	Quickflange Fixed
Application	Marine/Offshore/Industrial
Specified Standard	ASME B31.3 – Code for Pressure Piping EMMUA 234 - 90/10 copper nickel alloy piping for offshore applications LR Rules and Regulations for the Classification of Ships
Ratings	Design Pressure : ANSI Class 150 to 1500 Nominal Size : 3/4” to 14” NB Temperature Range : As per Class Rating but limited to: Maximum: 205 degC Minimum: As per material type , see Appendix

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Emad Jodeh

Lead Mechanical & Wellheads Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Other Conditions

1. Materials exposed to sour service fluids are to comply with the requirements of NACE standard MR 0175 / ISO 15156.

2. For hazardous and flammable applications, the connection should be supported with risk assessment and used gaskets should be fire resistant.

3. The design has been assessed for self-weight,internal pressure and associated hydrostatic end-loads. Fatigue, pressure pulsation, external and thermal loading are not considered.

4. The installation of mechanical joints is to be in accordance with the manufacturer's assembly instructions.

5. The equipment/flange must be operated according to the procedure stated in 'Quickflange – Flange Handling Procedure.

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 LR2532307TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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