Certificate No: LR2505216TA
Issue Date: 28/06/2024
Expiry Date: 27/06/2029

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	**IMM Hydraulics S.p.A.**
Address	Via Italia, 49-51,Zona Industriale C.da Saletti, Atessa (CH), CHIETI, 66041, Italy
Place of Production	IMM Hydraulics S.p.A. Via Italia, 49-51,Zona Industriale C.da Saletti, Atessa (CH), CHIETI, 66041, Italy
Place of Production	IMM Hydraulics S.p.A. Via Venezia snc, Atessa (CH), Chieti, 66041, Italy
Type	Flare Flanges
Description	Flare flange pipe couplings with loose flanges.
Trade Name	90° Flare
Application	Marine, Offshore and Industrial piping systems.
Specified Standard	Lloyd's Register's Rules & Regulations for the Classification of Ships, Part 5, Chapter 12; IACS Unified Requirement (UR) No. P2, Rules for piping design, construction and testing; ISO 19921:2005.

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Mattia Macri

Engineering Piping– 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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Ratings

Diameter (inch): ½ to 16
Max. pressure (bar): 16
(Refer to GS-Hydro technical brochure for actual max. pressure for specified diameter)
Pipe material: Carbon/stainless/duplex steel
CuNi

Other Conditions

1. Couplings are to be selected and installed in accordance with the manufacturer's instructions and recommendations, and be suitable for the intended fluid, temperature & pressure;
2. For use on ships classed by Lloyd's Register the couplings:
2.1. Are suitable for use in Class III piping systems;
2.2. May not be used for flammable liquid systems within machinery spaces, or adjacent to the ship side;
2.3. May be used in essential and non- essential systems, as specified in the Rules, where components are required to be wet fire tested.

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.

Previous Version: 11/00045(E3)

The Design Appraisal Document LR2505216DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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