Certificate No: LR2533617TA
Issue Date: 25/11/2024
Expiry Date: 24/11/2029

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	**Destec Engineering Ltd**
Address	Five Mile Lane, Washingborough, Lincoln, LN4 1AF, United Kingdom
Type	Bolted Clamp Connectors
Description	4-Bolt Clamp Pipe Connector 'G' Range
Trade Name	DESTEC 'G' Range Flanges
Application	Marine and Industrial Piping Systems.
Specified Standard	ASME VIII, Division 1, Appendix 24 ASME VIII, Division 2, Appendix 4-17 ASME B31.3 1993, Clause 302.3.2 API Specification 6FB-1992
Ratings	Ratings calculated in accordance with Destec software, "Stress Analysis to ASME VIII, Division 1, Appendix 24", Version 2.221. Refer the product catalogue for actual flange size and permitted pressure ratings for each specific pipe and flange fittings.

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Dirk Schroeder

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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Other Conditions

1. Clamp Pipe Connectors are to be selected, installed and tested in accordance with the manufacturer's instructions & recommendations.
2. Material impact test and wed-non-destructive tests are to be carried out in accordance with the LR Rules for Materials.
3. Due care should be taken not to over stress the fittings when tightening the bolts.
4. The joint Fitting are to be marked with the following information:

- Manufacturer's name or trademark.
- Type designation.
- Size.

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: LR2002697TA

The Design Appraisal Document TSO/24-022374 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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