

HAM-LET (ISRAEL-CANADA) LTD.

NAZARETH ILLIT

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Tier: 2 - PDA Issued

Product: Tube Fittings
Model: Let-Lok and One-Lok
Endorsements:

Intended Service:

Installation on board Ships and Offshore Unites in stainless steel piping systems, except those excluded under below Service Restrictions.

Description:

Stainless Steel Tube fittings, swage type compression coupling, various configurations, one (One-Lok) or two (Let-Lok) ferrules which form a full-faced seal on the tapered surface of the body.

Rating:

For pressure rating vs size see attached table.
Minimum design temperature - 29 C deg.

Service Restriction:

Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Coupling types with tapered threads are not to be used for toxic and corrosive fluid services. Further, their use is limited to restrictions as per 4-6-2/5.5.5 of Steel Vessel Rules.

The application and installation of the fittings for temperature less than -29 C deg is to be in accordance with the Manufacturer's specifications and instructions and is to be specifically approved in connection with the relevant piping systems.

For service temperatures above 93 C deg the allowed working pressure for stainless steel fittings must be reduced according to the working temperature as per Manufacturer's recommendation.

The scope of Type Approval is to comply with MSC.1/Circ.1221 dated 11 December 2006.

Comments:

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. Each particular application, including deck/bulkhead penetrations of the press fitting system is to be specifically approved in connection with the relevant system and installation. Selection of the pipe unions for the corresponding service and the right installation are to be in accordance with Manufacturer's instructions.

Notes/Drawing/Documentation:

Drawing No. Declaration of Conformity, Declaration of Conformity, Revision: 0, Pages: 1

Drawing No. Dwg of 760LBSS ferrule, Dwg of 760LBSS ferrule, Revision: -, Pages: 1

Drawing No. Dwg of 760LFSS ferrule, Dwg of 760LFSS ferrule, Revision: -, Pages: 1

Drawing No. Let-Lok tube fittings datasheet, Let-Lok tube fittings datasheet, Revision: -, Pages: 1

Drawing No. Pipeline catalog, Pipeline catalog, Revision: -, Pages: 1

Drawing No. SAE37Flare tube fittings datasheet, SAE37Flare tube fittings datasheet, Revision: -, Pages: 1

Terms of Validity:

This Product Design Assessment (PDA) Certificate remains valid until 03/Apr/2029 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

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This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

STANDARDS

ABS Rules:

2024 Rules for Conditions of Classification, 1A-1-4/7.7 & 1-1 Appendix 3 and 4, which covers the following:

2024 Rules for Building and Classing Marine Vessels 4-6-2/5.5.5 and 5.9

2024 Rules for Conditions of Classification - Mobile Offshore Units, 1B-1-4/9.7 & 1-1 Appendix 2 and 3, which covers the following:

2024 Rules for Building and Classing Mobile Offshore Units 4-2-1/11.13

2024 Rules for Conditions of Classification - High-Speed Crafts 2021 1C-1-4/11.9, 1-1 Appendix 2 & 3, which covers the following:

2024 Rules for Conditions of Classification - High-Speed Crafts 4-4-2/13.7

2024 Steel Vessels for Service on Rivers and Intracoastal, 1-1-4/7.7 & 1-1 Appendix 3 & 4 and 4-1-1/3.3

National:

NA

International:

NA

Government:

NA

EUMED:

NA

OTHERS:

NA