



CERTIFICATE NUMBER 18-GE1792938-PDA

EFFECTIVE DATE 05-Nov-2018

EXPIRATION DATE 04-Nov-2023

ABS TECHNICAL OFFICE GENOA ENGINEERING

CERTIFICATE OF

Product Design Assessment

This is to certify that a representative of this Bureau did, at the request of

ILTA INOX S.p.A.

located at

Strada Statale 45 Bis, Robecco D'oglio

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product Piping System and Fittings

Model STECKDRAIN

This Product Design Assessment (PDA) Certificate remains valid until 04 Nov 2023 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.

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.

American Bureau of Shipping

Cristina Generale, Senior Engineer

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

ILTA INOX S.P.A.
STRADA STATALE 45 BIS
ROBECCO D'OGGIO (CR)
Italy 26010
Telephone: 0314781815
Fax:
Email: sales@ilta.arvedi.it
Web: www.arvedi.it/ilta

Tier: 3 - Type Approved, unit certification not required

Product: Steel Pipe Fittings
Model: STECKDRAIN
Intended Service:
Gravity and vacuum sanitary drain systems.

Description:

Carbon or stainless (AISI 304/316) steel socket and spigot pipes and slip-on joints; nominal diameters (mm): 40-50-70-80-100-125-150-200

Rating:

Open ended drain piping -- maximum vacuum 70%

Service Restriction:

1. 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.
2. Equipment not to be used in pressurized closed piping systems. Equipment installation allowed only within one (1) watertight compartment without any connection to overboard discharges.
3. Detailed drawings of pipe penetrations are to be submitted for approval to an ABS technical office for each intended installation.
4. Fixed pipe supports are to be provided on board in accordance with manufacturer's instructions.
5. 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.

Notes/Drawing/Documentation:

Catalogue steckdrain
Fire test at RINA dated 09 March 2010
Pressure and temperature test at CHIBRO dated 23 March 2006
Hydrostatic test at CHIBRO dated 11 November 1999

Terms of Validity:

This Product Design Assessment (PDA) Certificate 18-GE1792938-PDA, dated 05/Nov/2018 remains valid until 04/Nov/2023 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

STANDARDS

ABS Rules:

ABS Rules for Conditions of Classification (2018) 1-1-4/7.7, 1-1-A3 and A4, which covers the following:
2018 Rules for Building and Classing Steel Vessels 4-6-2/5.9

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2018 Rules for Building and Classing Offshore Support Vessels 4-6-2/5.9
2018 Rules for Building and Classing Steel Vessels Under 90 Meters in Length 4-4-2/13.7

ABS Rules for Conditions of Classification – High-Speed Craft (2018) 1-1-4/11.9, 1-1-A2 and A3,
2018 Rules for Building and Classing High-Speed Craft 4-4-2/13.7

National:
DIN 1123-2 ED. 2007

International:
NA

Government:
NA

EUMED:
NA

OTHERS:
NA