



CERTIFICATE NUMBER

DATE

07-HS221664-1-PDA

04 November 2011

ABS TECHNICAL OFFICE

Houston SED - Ship Equipment

CERTIFICATE OF DESIGN ASSESSMENT

This is to Certify that a representative of this Bureau did, at the request of
LOSING FILTERTECHNIK-SEPAR - FORT LAUDERDALE

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: **Filter, Separator**

MODEL: **SWK-2000/10 (M & UM)**

This Product Design Assessment (PDA) Certificate 07-HS221664-1-PDA, dated 04/Nov/2011 remains valid until 03/Nov/2016 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.

AMERICAN BUREAU OF SHIPPING

Tim Kimble

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 the terms and conditions as contained in ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

LOSING FILTERTECHNIK-SEPAR

201 S.W. 20 STREET
FORT LAUDERDALE
FL 33315
United States
Telephone: 954-523-9396
Fax: 954-522-0456
Email: info@separfilter.com
Web: separfilter.com

Product: Filter, Separator

Model: SWK-2000/10 (M & UM)

Intended Service:

Marine & Offshore Application - Water Separator Fuel Filter for Diesel Engines.

Description:

Bowl, Housing and Lid are manufactured from High Quality Aluminum Alloy Casting.

Ratings:

SWK-2000/10 Maximum Flow Rate: 158 GPH (600 LPH). M = Metal Bowl, UM = Duplex Metal Bowl . For details see attached "pdf"

Service Restrictions:

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

Comments:

- 1) The Filter Units are to be installed by duly qualified personnel in accordance with Manufacturer's established and recommended procedure.
- 2) Filters are to be arranged and located far from source of ignition, so that, in the event of leakage, oil will not spray onto surfaces with Temperature in excess of 220°C (428°F); Drip Pans to be filled underneath the filter to collect leakage.
- 3) Where they are required to be opened for cleaning during operation, they are to be fitted with means of depressurizing before being opened and venting before being put into operation.

Notes / Drawings / Documentation:

Supporting Documentation:
See Attachment for Specification and Product Identifying Data.

Term of Validity:

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STANDARDS

ABS Rules:

2011 Steel Vessels Rules 1-1-4/7.7, 1-1-Appendix 3, 4-6-5/3.3.4; 2008 MODU Rules 4-1-1

National:

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FL 33315
United States
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Email: info@separfilter.com
Web: separfilter.com

NA

International:

NA

Government Authority:

NA

EUMED:

NA

Others:

None