



CERTIFICATE NUMBER 22-2272585-PDA
EFFECTIVE DATE 02-Aug-2022
EXPIRY DATE 01-Aug-2027
ABS TECHNICAL OFFICE Houston ESD - Piping

CERTIFICATE OF Product Design Assessment

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

ADVANCE PRODUCTS & SYSTEMS, LLC.

located at

108 ASSET AVE., , SCOTT, LA, United States, 70583

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: Shielding, oil from source of ignition
Model: Style, T, Style TP, Style TC, & Style TC-D Teflon Spray Shields
Endorsements:
Tier: 2 - PDA Issued

This Product Design Assessment (PDA) Certificate remains valid until 01/Aug/2027 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

John Vincent B. Ulep
John Vincent Bog-Acon Ulep, Engineer/Consultant

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)

ADVANCE PRODUCTS & SYSTEMS

108 ASSET AVE.

SCOTT LA

United States 70583

Telephone: 337-233-6116

Fax: 337-232-3860

Email: sales@apsonline.com

Web: www.apsonline.com

Tier: 2 - PDA Issued

Product: Shielding, oil from source of ignition
Model: Style, T, Style TP, Style TC, & Style TC-D Teflon Spray Shields
Endorsements:

Intended Service:

Marine & Offshore Application - For preventing splash of flammable fluid from pipe line including flanges and joints for ships and offshore application.

Description:

Wrap around/tie down type Flange Covers with a replaceable "pH Patch" leak indicator, secured by hook & loop fasteners and a pair of tie down cords. Fabricated from PTFE (Teflon) coated woven fiberglass cloth.

Rating:

Sizes: ½" to 48" (Custom Shields available upon request);

Maximum Temperature Resistant: 450°F

Maximum Pressure Resistant:

Style T/TP: 1,650 psi

Style TC/TC-D: 1,000 psi

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.

Comments:

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes/Drawing/Documentation:

Drawing No. APS Declaration of Conformity 062222, Conformity Letter, Revision: 0, Pages: 1

Drawing No. Correspondence, PDA Application, Revision: -, Pages: -

Supporting Data:

APS Brochure Safety Spray Shields dated 1/21/16

APS Specifications Style "TP" Premium PTFE Spray Shield, Rev 071317

APS Specifications Style "TC-D" Clear PTFE W/Drain Nipple Shield, Rev 071317

APS Specifications Style "TC" Clear PTFE Spray Shield, Rev 071317

APS Specifications Style "T" PTFE Spray Shield, Rev 071317

Terms of Validity:

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STANDARDS

ABS Rules:

Rules for Conditions of Classification, Part 1, 2022 Marine Vessel Rules: 1-1-4/7.7, 1-1-A3, 1-1-A4;
2022 Rules for Building and Classing Marine Vessel Rules: 4-6-5/3.3.6, 3.3.7, & 3.7.2, 4-6-4/13.3.3, 4-2-1/11.9
Rules for Conditions of Classification, Part 1, 2022 Offshore Units and Structures: 1-1-4/9.7, 1-1-A2, 1-1-A3
2022 Rules for Building and Classing Mobile Offshore Unit Rules: Part 4-2-3/3.3.3, 4-2-5/7.9

National:

NA

International:

SOLAS Consolidated Edition 2020, Chapter II-2, Part B, Regulation 4/2.2.5.3

Government:

NA

EUMED:

NA

OTHERS:

NA