



CERTIFICATE NUMBER	21-2090848-PDA
EFFECTIVE DATE	16-Mar-2021
EXPIRY DATE	15-Mar-2026
ABS TECHNICAL OFFICE	London Engineering Department

## CERTIFICATE OF Product Design Assessment

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

### **CMP PRODUCTS LTD.**

located at

**36 NELSON WAY, NELSON PARK EAST, CRAMLINGTON, United  
Kingdom, NE23 1WH**

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:** Cable, Glands and Accessories  
**Model:** Cable Glands: A2, A2RC; BW, BWL; C2K-GP, CXT, CW, CW CIEL, CX; E1U, E1W, E1W CIEL, E1X, E2U, E2W, E2W CIEL, E2X; SS2K-GP, SS2KPB-GP; A324, A348, A367, A368, A327, A350, A323, A347...  
**Endorsements:**  
**Tier:** 3 - Type Approved, unit certification not required

This Product Design Assessment (PDA) Certificate remains valid until 15/Mar/2026 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

  
Steve A.A.P Brincat, 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)

**CMP PRODUCTS LTD.**

36 NELSON WAY

NELSON PARK EAST

CRAMLINGTON

United Kingdom NE23 1WH

Telephone: +44 191 265 7411

Fax: +44 1670 715 646

Email: customerservices@cmp-products.com

Web: www.cmp-products.com

**Tier: 3 - Type Approved, unit certification not required**

---

**Product:** Cable, Glands and Accessories

**Model:** Cable Glands: A2, A2RC; BW, BWL; C2K-GP, CXT, CW, CW CIEL, CX; E1U, E1W, E1W CIEL, E1X, E2U, E2W, E2W CIEL, E2X; SS2K-GP, SS2KPB-GP; A324, A348, A367, A368, A327, A350, A323, A347; B324, B348, B367, B368, B327, B350, B323, B347; TSM, TSX, TSZ, TSP, and TSPV0; A2100FF, A2e100FF, A2F100FF; Stopping Plugs :717, 717e, 717E

**Endorsements:**

**Intended Service:**

For use on ABS Classed Vessels and Offshore Installations in accordance with the listed ABS Rules and International Standards.

**Description:**

Non-Certified-Safe Cable Glands for the use with various types of cable in safe areas on Ships and Offshore Units.

**Rating:**

A2, A2RC; C2K-GP, CXT, CW, CW CIEL, CX; E1U, E1W, E1W CIEL, E1X, E2U, E2W, E2W CIEL, E2X; SS2K-GP, SS2KPB-GP; A324, A348, A367, A368, A327, A350, A323, A347; B324, B348, B367, B368, B327, B350, B323, B347; Cable gland Sizes:16, 20S, 20, 25S, 25, 32, 40, 50S, 50, 63S, 63, 75S, 75, 90, 100, 115, 130 and A2100FF, A2e100FF, A2F100FF, Gland Sizes: 20S, 20SP, 20, 20P, 25a, 25aP, 25, 25P, 32a, 32, 32b

IP Rating: IP66

Temperature Range: -60°C to +130°C

BW, BWL; Gland Sizes:16, 20S, 20, 25S, 25, 32, 40, 50S, 50, 63S, 63, 75S, 75, 90, 100, 115, 130

Operating Temperature:-20°C to +65°C

TSM, TSX, TSZ; Gland Sizes: 12, 16, 20, 25, 32, 40, 50, 63 (S = Single Seal and D = Dual Seal)

IP Rating: IP66, IP67, IP68 (30m for 16 hours), IP69, and IP69K

Operating Temperature: -60°C to +105°C

TSP, TSPV0; Gland Sizes: 12, 16, 20, 25, 32, 40, 50, 63 (63 TSP only) (S = Single Seal and D = Dual Seal)

IP Rating: IP66, IP67, IP68 (30m for 16 hours), IP69, and IP69K

Operating Temperature: -60°C to +100°C (TSP), -40°C to +100°C (TSPV0)

717, 717e, 717E

IP Rating:IP66, IP67, IP68 (30m for 16 hours, when fitted with sealing washer. 1.1m for 5 days, without sealing washer), IP69K

Operating Temperature:-60°C to +105°C

**Service Restriction:**

1. Unit Certification is not required for this product.
2. 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.
3. Product is not to be used on hazardous area.

**Comments:**

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

**CMP PRODUCTS LTD.**

36 NELSON WAY

NELSON PARK EAST

CRAMLINGTON

United Kingdom NE23 1WH

Telephone: +44 191 265 7411

Fax: +44 1670 715 646

Email: customerservices@cmp-products.com

Web: www.cmp-products.com

**Tier: 3 - Type Approved, unit certification not required**

---

**Notes/Drawing/Documentation:**

Drawing No. CML 20CA12915, CMP\_BS-IEC 62444\_CML\_20CA12915 (TruSeal & 717), Revision: 0, Pages: 1  
Drawing No. R12915A\_00, CML TruSeal Report, CML B.V, The Netherlands, Date: July 2020, Revision: 0, Pages: 30

Drawing No. R70172363A, SIRA Industrial Glands Report, Sira Certification, United Kingdom, Date April 2018, Revision: 0, Pages: 33

Drawing No. SIRA 18PC089X, CMP\_BS6121\_IEC 62444\_SIRA\_Certificate 18PC089X (A2100FF A2F100FF A2e100FF), Revision: 0, Pages: 1

Drawing No. 10Y9148U, CMP\_EN62444\_IEC62444 Sira\_Certificate, Revision: 3, Pages: 3

Drawing No. R21992A\_00, Sira Assessment Report R21192A/00, Sira Certification, United Kingdom, Date : May 2010, Revision: 00, Pages: 12

Drawing No. R25736A\_00, Sira Assessment Report R25736A, Sira Certification, United Kingdom, Date : Aug 2011, Revision:00, Pages: 15

Drawing No. R28132A\_00, Sira Assessment Report R28132A, Sira Certification, United Kingdom, Date : July 2013, Revision: 00, Pages: 6

Drawing No. R70006933A, Assessment Report, Sira Certification, United Kingdom, Date : July 2014, Revision: -, Pages: 4

**Terms of Validity:**

This Product Design Assessment (PDA) Certificate remains valid until 15/Mar/2026 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.

**STANDARDS**

**ABS Rules:**

- Marine Vessels Rules (2021): 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-8-3/1.7, 4-8-3/1.11;
- Facilities on Offshore Installations (2021): 1-1-4/9.7, 1-1-A2, 1-1-A3;
- Mobile Offshore Units (2021): 1-1-4/9.7, 1-1-A3, 1-1-A4, 6-1-1/9, 6-1-1/13; 4-3-1/11, 4-3-1/15;
- Steel Vessels for Service on Rivers and Intracoastal Waterways (2021): 1-1-4/7.7, 1-1-A3, 1-1-A4; 4-5-1/13, 4-5-1/17;
- High Speed Crafts (2021): 1-1-4/11.9, 1-1-A2, 1-1-A3; 4-6-1/11, 4-6-1/15;
- Steel Barge Rules (2021): 1-1-4/7.9, 1-1-A3, 1-1-A4;

**National:**

NA

**International:**

IEC 62444 Ed1.0: 2010

EN 62444: 2013

**Government:**

NA

**CMP PRODUCTS LTD.**

36 NELSON WAY

NELSON PARK EAST

CRAMLINGTON

United Kingdom NE23 1WH

Telephone: +44 191 265 7411

Fax: +44 1670 715 646

Email: [customerservices@cmp-products.com](mailto:customerservices@cmp-products.com)

Web: [www.cmp-products.com](http://www.cmp-products.com)

**Tier: 3 - Type Approved, unit certification not required**

---

**EUMED:**

NA

**OTHERS:**

NA