



Confirmation of Product Type Approval

Company Name: CMP PRODUCTS LTD.

Address: 36 NELSON WAYNELSON PARK EAST NE23 1WH United Kingdom

Product: Cable, Glands and Accessories

Model(s): Cyclone II; Cyclone III; Sapphire; Conqueror; Sovereign; Patriot, Sabre, Falcon, Valiant and Zenith.

Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	21-2090845-PDA	16-MAR-2021	15-MAR-2026
Manufacturing Assessment (MA)	22-5469189	21-SEP-2022	20-SEP-2027
Product Quality Assurance (PQA)	NA	NA	NA

Tier

3 - Type Approved, unit certification not required

Intended Service

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

Description

Cable cleats for ensuring the security, retention and support of cables.

Cyclone II (SDSTR 2 Loop cleat)

Standard duty 2 strap cable cleat range with stainless steel base. Designed to restrain cables securely during moderate short circuit forces. Capable of securing various cable formations, such as single cable (multicore) or single cable in parallel formation, trefoil formation, & quad formation.

Cyclone III (HDSTR 3 Loop Cleat)

The Cyclone III range of stainless steel cable cleats are designed for high short circuit forces. Suitable for a wide range of applications including miscellaneous formations.

Conqueror (RTSS Cleat)

Composite cable cleats designed to restrain a large cable range & tested for exceptionally high short circuit conditions

Sapphire (SDHSS Cleat)

Heavy-duty stainless steel cable cleat for the retention of single or multicore cables.

Sovereign (HDSS Cleat)

Composite cable cleats designed and tested for high short circuit conditions.

Patriot (SDSS Cleat)

Standard duty Stainless Steel cable cleat for the retention of single cables in trefoil formation.

Falcon (2BC Plastic cleat)

This two bolt single cable cleat ensures the retention and securing of single cables.

Sabre (1BC Plastic cleat)

One bolt single cable cleat, for use with single cable. Suitable for both indoor and outdoor applications. Available in nylon & LUL approved polymer.

Valiant (1BCAL cleat)

Aluminum cable cleat designed to ensure the retention and securing of single cables.

Zenith (2BCAL cleat)

Metallic cable cleat which has been designed to ensure the retention and securing of single cables.

Ratings

-Cyclone II & Cyclone III; Conqueror; Sapphire; Sovereign; Patriot : 316L Stainless Steel & LSF Liners, operating temperature -50 C to +60 C degrees

-Sabre/Falcon: Nylon, V0 Nylon & LUL approved polymer, operating temperature -50 C to +60 C degrees.

-Valiant/Zenith: High pressure die cast aluminum, operating temperature -60 C to +150 C degrees.

Service Restrictions

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 areas.

Comments

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

Notes, Drawings and Documentation

Drawing No.Patriot Change Explanation, Pages: 5

Drawing No.2242666.01, DEKRA Test Report - Patriot Cleat, DEKRA Certification B.V. The Netherlands, Date 21.04.2020

Drawing No.CMP-05-020 - 18361990, Patriot Product Design Change Letter, Pages: 1

Drawing No.MP 2-3-2021, DEKRA Cable Cleat Testing IEC 61914,Pages: 2

Drawing No. 2147982.100, Resistance to electromechanical force (short circuit test) of cable cleats for RTAL/SDSS/SDSTR/HDSTR, Revision: 01, Pages: 56

Drawing No. 2154889.100, Resistance to electromechanical force (short circuit test) of cable cleats for SDSS, SDSTR, HDSTR, Revision: 01, Pages: 69

Drawing No. 2156529.01-INC, resistance to electromechanical force (short-circuit test) of cable cleats for HDSS/RTSS/RTAL/SDSS-A, Revision: -, Pages: 68

Drawing No. 2159449.100, Resistance to electromechanical force (short circuit test) of cable cleats for SDSTR, Revision: 01, Pages: 22

Drawing No. 2160369.100, Resistance to electromechanical force (short circuit test) of cable cleats for RTSS, Revision: 01, Pages: 28

Drawing No. 2162730.01-INC, resistance to electromechanical force (short-circuit test) of cable cleats for HDSS, Revision: -, Pages: 16

Drawing No. 2165081.01-INC, resistance to electromechanical force (short-circuit test) of cable cleats for SD/LDAL/HDSS/RTAL/2BC, Revision: -, Pages: 80

Drawing No. 2165081.02-INC, resistance to electromechanical force (short-circuit test) of cable cleats for 2BC, Revision: -, Pages: 24

Drawing No. 2172636.01-INC, resistance to electromechanical force (short-circuit test) of cable cleats for HDSS/SDSS/RTSS, Revision: -, Pages: 104

Drawing No. 2175522.01-INC, resistance to electromechanical force (short-circuit test) of cable cleats RTSS/SDSTR/SDSS/HDSS, Revision: -, Pages: 87

Drawing No. 2181682.03-INC, Resistance to electromechanical force (short circuit test) of cable cleats for sapphire, Revision: -, Pages: 2

Drawing No. 2190901.04-INC, Resistance to electromechanical force (short circuit test) of cable cleats, Revision: -, Pages: 2

Drawing No. 2190901.05-INC, Resistance to electromechanical force (short circuit test) of cable cleats for valiant & Sabre, Revision: -, Pages: 2

Drawing No. Cleats datasheet, Cleats datasheet, Revision: -, Pages: 4

Drawing No. Conqueror, Conqueror IEC 61914:2009 clauses 9.2 - impact, 9.3 - lateral retention & 9.4 axial retention, Revision: 2, Pages: 6

Drawing No. Conqueror test report, Conqueror test report, Revision: -, Pages: 5

Drawing No. Cyclone II, Cyclone II IEC 61914:2009 clauses 9.2 - impact, 9.3 - lateral retention & 9.4 axial retention, Revision: 1, Pages: 6

Drawing No. Cyclone II test report, Cyclone II test report, Revision: -, Pages: 5

Drawing No. Cyclone III, Cyclone III IEC 61914:2009 clauses 9.2 - impact, 9.3 - lateral retention & 9.4 axial retention, Revision: 1, Pages: 6

Drawing No. Cyclone III test report, Cyclone III test report, Revision: -, Pages: 5

Drawing No. D10533-1, 192hr. Neutral Salt Spray Testing of Cleats in Accordance with ISO 9227/IEC 61914, Revision: -, Pages: 7

Drawing No. Falcon, Falcon IEC 61914:2009 clauses 9.2 - impact, 9.3 - lateral retention & 9.4 axial retention, Revision: 2, Pages: 6

Drawing No. Falcon test report, Falcon test report, Revision: -, Pages: 4

Drawing No. 345390, IEC 60695-11-5:204-12 compliance, Revision: 1, Pages: 7

Drawing No. 345394, IEC 60695-11-5:204-12 compliance 2, Revision: 1, Pages: 7

Drawing No. ICL/H14/4050, fire hazard testing IEC 60695-11-5:2005, Revision: -, Pages: 6

Drawing No. ICL/H14/4189, fire hazard testing IEC 60695-11-5:2005, Revision: -, Pages: 6

Drawing No. Patriot, Patriot IEC 61914:2009 clauses 9.2 - impact, 9.3 - lateral retention & 9.4 axial retention, Revision: 2, Pages: 6

Drawing No. Patriot test report, Patriot test report, Revision: -, Pages: 5

Drawing No. Sabre, Sabre IEC 61914:2009 clauses 9.2 - impact, 9.3 - lateral retention & 9.4 axial retention, Revision: 1, Pages: 6

Drawing No. Sabre test report, Sabre test report, Revision: -, Pages: 3

Drawing No. Sapphire, Sapphire IEC 61914:2009 clauses 9.2 - impact, 9.3 - lateral retention & 9.4 axial retention, Revision: 1, Pages: 6

Drawing No. Sapphire test report, Sapphire test report, Revision: -, Pages: 4

Drawing No. Sovereign, Sovereign IEC 61914:2009 clauses 9.2 - impact, 9.3 - lateral retention & 9.4 axial retention, Revision: 1, Pages: 6

Drawing No. Sovereign test report, Sovereign test report, Revision: -, Pages: 5

Drawing No. TREFOIL, STRAP CLEAT DATA SHEETS, Cyclone I - STR Cleat 2 Loop Data Sheets, Revision: -, Pages: 14

Drawing No. UV report - D6355-1, Accelerated Weathering Testing on Cable Cleats Performed in Accordance with IEC 61914 2009, Revision: -, Pages: 7

Drawing No. UV report - F3079, Accelerated Weathering Testing on Cable Cleats Performed in Accordance with IEC 61914 2009, Revision: -, Pages: 7

Drawing No. Valiant, Valiant IEC 61914:2009 clauses 9.2 - impact, 9.3 - lateral retention & 9.4 axial retention, Revision: 1, Pages: 6

Drawing No. Valiant test report, Valiant test report, Revision: -, Pages: 4

Drawing No. Zenith, Zenith IEC 61914:2009 clauses 9.2 - impact, 9.3 - lateral retention & 9.4 axial retention, Revision: 2, Pages: 6

Drawing No. Zenith test report, Zenith test report, Revision: -, Pages: 5

Term 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.

ABS Rules

- Marine Vessels Rules (2021): 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-8-3/1.7;
- 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;
- Steel Vessels for Service on Rivers and Intracoastal Waterways (2021): 1-1-4/7.7, 1-1-A3, 1-1-A4;
- High Speed Crafts (2021): 1-1-4/11.9, 1-1-A2, 1-1-A3;
- Steel Barge Rules (2021): 1-1-4/7.9, 1-1-A3, 1-1-A4;

International Standards
IEC 61914 Ed. 2.0:2015

EU-MED Standards
NA

National Standards
NA

Government Standards
NA

Other Standards
NA



A handwritten signature in blue ink, appearing to read 'James J. White'.

Corporate ABS Programs
American Bureau of Shipping
Print Date and Time: 28-Mar-2023 8:28

ABS has used due diligence in the preparation of this certificate, and it represents the information on the product in the ABS Records as of the date and time the certificate is printed.

If the Rules and/or standards used in the PDA evaluation are revised or if there is a design modification (whichever occurs first), a PDA revalidation may be necessary.

The continued validity of the MA is dependent on completion of satisfactory audits as required by the ABS Rules. The validity of both PDA and MA entitles the product to receive a **Confirmation of Product Type Approval**.

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 prior to the effective date of the ABS Rules and standards applied at the time of PDA issuance. ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. The manufacturer is responsible to maintain compliance with all specifications applicable to the product design assessment. Unless specifically indicated in the description of the product, certification under type approval does not waive requirements for witnessed inspection or additional survey for product use on a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.