



CERTIFICATE NUMBER
EFFECTIVE DATE
EXPIRY DATE
ABS TECHNICAL OFFICE

26-0664712-PDA
16-Sep-2026
15-Sep-2031
Singapore Engineering Services

CERTIFICATE OF Product Design Assessment

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

CCG CABLE TERMINATIONS PTY LTD

located at

**33-37 FORGE ROAD, SPARTAN IND, , KEMPTON PARK, South
Africa, 1620**

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, Cleat and Strap
Model: CC-S, CC-T and CC-Q types
Endorsements:
Tier: 3 - Type Approved, unit certification not required

This Product Design Assessment (PDA) Certificate remains valid until 15/Sep/2031 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

guanying
Guanying Wu, 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)

CCG CABLE TERMINATIONS PTY LTD

33-37 FORGE ROAD, SPARTAN IND

KEMPTON PARK

South Africa 1620

Telephone: +27 11 281 6925

Fax: +27 11 394 2202

Email: quality@ccgcablegland.co.za

Web: www.ccgcablegland.co.za

Tier: 3 - Type Approved, unit certification not required

Product: Cable, Cleat and Strap
Model: CC-S, CC-T and CC-Q types
Endorsements:

Intended Service:
Securing of electrical cables in marine and offshore electrical installations

Description:
CC-Q(Quad), CC-T(Trefoil), CC-S(Single) cleats manufactured from 316L stainless steel with M12 or M10 closing arrangement and integral LSF polymeric liner and base pads.

Rating:
Material: Composite (Stainless Steel 316L + Low Smoke Halogen Free Plastic)
Max and Min Temperature: -50-+105
Resistance to Impact: Heavy
With Lateral Retention:
Vertical - Average 350N to 441N
Horizontal - Average 100N to 441N
With Axial Retention:
Four Mandrels: 100N
Three Mandrels: 588N
One Mandrel: 50N to 245N
Resistance to Electromechanical Forces: Withstanding one short circuit, I(Peak) =125kA to 152kA, Intervals = 0.3 m
Resistance to Corrosion: Resistance steel containing at least 16% Chromium
Flame Propagation: Application time 30s
Cable Diameter: 13mm to 130mm
Dimensions (L1/L2): 57.7 to 253mm / 58 to 352.8mm

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.

Comments:
1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. CC-T and CC-S are for trefoil and single cable application.

Notes/Drawing/Documentation:
Drawing No. CC-Q 1, CC-Q Quad cleat, Revision: 0, Pages:
Drawing No. CC-T 1, CC-T Trefoil cleat, Revision: 0, Pages:
Drawing No. CC-S 1, CC-S Single cleat, Revision: 0, Pages:

Terms of Validity:
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Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

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STANDARDS

ABS Rules:

2026 Rules for Conditions of Classification - Ship 1A-1-4/7.7, 1A-1-A3 and A4, which covers the following:

2026 Rules for Building and Classing Marine Vessels: 4-8-4/21.9.1, 4-8-4/21.9.4

2026 Rules for Conditions of Classification - Offshore 1B-1-4/9.7, 1B-1-A2 and A3, which covers the following:

2026 Rules for Building and Classing Offshore Units: 4-3-3/5.9.1, 6-1-1/9, 6-1-1/13

National:

NA

International:

IEC 61914: 2021

Government:

NA

EUMED:

NA

OTHERS:

NA