# Confirmation of Product Type Approval

**Company Name:** JIANGSU HONEST CABLE CO., LTD.

**Address:** HEYE XI RU, JIANGYANG INDUSTRY DISTRICTYANGZHOU, JIANGSU 225008 China

**Product:** Cable, Power

**Model(s):** CBPJP85/SC (VFD), CBPJP86/SC (VFD), CBPJP85/NC (VFD), CBPJP86/NC (VFD)

**Endorsements:**

| Certificate Type | Certificate Number | Issue Date | Expiry Date |
|---|---|---|---|
| Product Design Assessment (PDA) | 22-2275497-PDA | 22-JUL-2022 | 21-JUL-2027 |
| Manufacturing Assessment (MA) | 18-NJ3540848 | 12-SEP-2018 | 11-SEP-2023 |
| Product Quality Assurance (PQA) | NA | NA | NA |

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

**Intended Service**
Power, Lighting and Control System for Shipboard and Offshore Building. Not intended for use as propulsion cable.

**Description**
CBPJP85/SC (VFD) - XLPE insulation copper tape shielded copper wire braided cross-linked polyolefin outer sheathed shipboard cable, Type SC.

CBPJP86/SC (VFD) - XLPE insulation copper tape shielded copper wire braided thermoplastic polyolefin outer sheathed shipboard cable, Type SC.

CBPJP85/NC (VFD) - XLPE insulation copper tape shielded copper wire braided cross-linked polyolefin outer sheathed fire-resisting shipboard cable, Type NC.

CBPJP86/NC (VFD) - XLPE insulation copper tape shielded copper wire braided thermoplastic polyolefin outer sheathed fire-resisting shipboard cable, Type NC.

**Ratings**
Type /SC - Halogen-free low-smoke bunched flame retardant cable, comply with IEC60332-3, Cat. A, IEC60754, IEC61034

Type /NC - Halogen-free Low-smoke Low-toxicity fire-resistant cable, comply with IEC60331, IEC60332-3, Cat. A, IEC60754, IEC61034

No. of Cores: Nominal Cross Section mm2:

1,3,4 4,6,10,16,25,35,50,70,95,120,150,185,240


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3+3 3*4+3*1.0, 3*6+3*1.0, 3*10+3*1.5, 3*16+3*2.5, 3*25+3*4,

3+3 3*35+3*6, 3*50+3*10, 3*70+3*10, 3*95+3*16, 3*120+3*25,

3+3 3*150+3*25, 3*185+3*35, 3*240+3*35

0.6/1kV, 1.8/3kV, Maximum Conductor Temperature: 90 Degree/C

**Service Restrictions**
1. Unit Certification is not required for this product. However, unit certification is required for electric propulsion cables.

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. Electrical cables are to be tested by the manufacturers in accordance with the standards of compliance.

4. Records of tests are to be maintained and are to be submitted upon request by ABS. For propulsion cables, see 4-8-5/5.17.11 of Marine Vessel Rules.

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

2. The following cable markings are to be provided in accordance with IEC 60092-353: Indication of origin (manufacturer s name or trade mark) and rated voltage (Uo/ U) and construction (number of cores pairs triples or quads and cross sectional area of the conductor).

3. All propulsion cables, other than internal wiring in control gears and switchboards, are to be subjected to dielectric and insulation tests in the presence of the Surveyor.

**Notes, Drawings and Documentation**
Drawing No. NA-01, Declaration of Conformity for Renewal, Revision: 0, Pages: 1

Drawing No. NA-02, CBPJP86SC type test report, Revision: 0, Pages: 1

**Term of Validity**
This Product Design Assessment (PDA) Certificate remains valid until 21/Jul/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.

**ABS Rules**
1-1-4/7.7, 1-1-A3 and 1-1-A4, 4-8-3/9, 4-8-3/9.17 and 4-1-1/Table 3 item 20 of Marine Vessel Rules (2022)

1-1-4/9.7, 1-1-A2, 1-1-A3, 4-3-4/7.1 of Mobile Offshore Units Rules (2022)

**International Standards**

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IEC 60092-350 (2020)

IEC 60092-353 (2016)

IEC 60092-360 (2021)

IEC 60228 (2004)

IEC 60332-3-22 Category A (2018)

IEC 60331-1 (2018)

IEC 60331-2 (2018)

**EU-MED Standards**
NA

**National Standards**
NA

**Government Standards**
NA

**Other Standards**
NA

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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.


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