Certificate No: LR26431499TA
Issue Date: 02/11/2026
Expiry Date: 02/11/2031

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Anhui Tiankang(Group) Shares Co., Ltd**
Address	No.20 South Renhe Road, Tianchang, 239300, China
Place of Production	Anhui Tiankang(Group) Shares Co., Ltd No.58 Tiankang Road, Tianchang City, Anhui Province, China
Place of Production	Anhui Tiankang(Group) Shares Co., Ltd Tiankang Industrial Park, Between of Jingqi Road and Jingba Road, Anhui Chuzhou High-tech Industrial Development Zone, Tianchang City, China
Type	Electrical Power Cables
Description	XLPE and EPR insulated Shipboard power cables
Trade Name	CJPF, CEPF, CEPJ, CEF, CJ, CJPJ, CJPF
Application	Marine applications for fixed wiring on ship installations
Specified Standard	Manufacture's specification,IEC60092-350: 2020; IEC60092-353: 2024; IEC60092-354: 2020; IEC60092-360: 2021; IEC60331-1:2018; IEC60332-1-2: 2025; IEC60332-3-22: 2018; IEC60754-1~2:2019; IEC61034-1~2:2019

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Hrishikesh Rajeev

Electrical & Control Engineer to Lloyd's Register Marine and Offshore India LLP
A member of the Lloyd's Register group

Units 1702-1704, 17th Floor (Level-13), Building Q2, Aurum Q Parc; Gen 4/1 TTC, Thane-Belapur Road, Ghansoli, Navi Mumbai, 400710, India

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Ratings

Rated Voltage: 3.6/6 kV, 6/10kV, and 8.7/15kV
Types:
CJPF/SC, CJPF86/SC, CJPF96/SC
No. of Cores: 1
Conductor size(mm²): 25, 35, 50, 70, 95, 120, 150, 185, 240
No. of Cores: 3
Conductor size(mm²): 25, 35, 50, 70, 95, 120, 150, 185
Rated Voltage: 0.6/1kV
Types:
CEPF/SC; CEPF86/SC; CEPF96/SC; CEPF80/SC; CEPF90/SC; CEPJ/SC; CEPJ85/SC;
CEPJ95/SC; CEPJ80/SC; CEPJ90/SC; CEPF/NC; CEPF86/NC; CEPF96/NC; CEPF80/NC;
CEPF90/NC; CEPJ/NC;CEPJ85/NC; CEPJ95/NC; CEPJ80/NC; CEPJ90/NC ; CEF/SA;
CEF/NA; CJ86/SC;CJ96/SC; CJ85/SC; CJ95/SC; CJPJ/SC; CJPJ85/SC; CJPJ95/SC;
CJPJ80/SC;CJPJ90/SC ; CJPF/SC; CJPF86/SC;CJPF96/SC; CJPF80/SC; CJPF90/SC ;
CJ86/NC; CJ96/NC; CJ85/NC; CJ95/NC ; CJPJ/NC; CJPJ85/NC; CJPJ95/NC; CJPJ80/NC;
CJPJ90/NC ; CJPF/NC; CJPF86/NC; CJPF96/NC; CJPF80/NC; CJPF90/NC CJPF96/NC;
CJPF80/NC; CJPF90/NC
No. of Cores: 1
Conductor size(mm²): 1, 1.5, 2,5, 4, 6, 10, 16, 25, 35, 50, 70, 95,120, 150, 185, 240
No. of Cores: 2
Conductor size(mm²): 1, 1.5, 2,5, 4, 6, 10, 16, 25, 35, 50, 70,95, 120
No. of Cores: 3
Conductor size(mm²): 1, 1.5, 2,5, 4, 6, 10, 16, 25, 35, 50, 70, 95,120, 150, 185
No. of Cores: 1
Conductor size(mm²): 1, 1.5, 2,5, 4, 6, 10, 16, 25, 35, 50, 70, 95,120, 150, 185, 240
No. of Cores: 4, 5, 7, 10, 12, 14, 16, 19, 24, 27, 30, 33, 37

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Conductor size(mm²): 1, 1.5, 2,5

The maximum rated conductor temperature: 90°C.
Code for cable series
C: Shipboard power cable
CH: Shipboard communication cable
Code for insulation
J: XLPE; E: EPR
Code for sheath
F: Polychloroprene rubber;
PJ: Cross-linked Polyolefin
PF: Thermoplastic Polyolefin;
V:Polyvinyl chloride
Code for flammability
S: Flame retardant for single and bunched cables
N: Flame retardant and fire resistant cables
C: Halogen-free, low-smoke
SA: Flame retardant type tested to IEC60332-1-2:2018, IEC60332-3-22:2018
Code for armour and outer sheath
8: Copper wire braid
9: Galvanized steel wire braid
5: Cross-linked Polyolefin outersheath
6: Thermal plastic Polyolefin outersheath
0: No outer sheath

Other Conditions

1. Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR.

2. If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply.

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Type Approval Certificate

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR21397411TA

The Design Appraisal Document TSO-26-062607-E-01-LR26431499TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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