Certificate No: LR26431456TA
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	Control and Instrumentation Cables
Description	Shipboard control and communication cables
Trade Name	CKEPF, CKEPJ, CKEF, CKJ, CKJPF, CKJPJ, CKJ, CHJ, CHJPF, CHJPFP, CHJPJ, CHJPJP, CHJV, CHJVP
Application	Marine applications for fixed wiring on ship installations
Specified Standard	Manufacture's specification IEC60092-350: 2020; IEC60092-376: 2025;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

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Ratings

RatedVoltage(V): 150/250
Types:
CKEPF/SC;CKEPF86/SC; CKEPF96/SC; CKEPF80/SC; CKEPF90/SC
CKEPJ/SC;CKEPJ85/SC; CKEPJ95/SC; CKEPJ80/SC; CKEPJ90/SC
CKEPF/NC;CKEPF86/NC; CKEPF96/NC; CKEPF80/NC; CKEPF90/NC
CKEPJ/NC;CKEPJ85/NC; CKEPJ95/NC; CKEPJ80/NC; CKEPJ90/NC
CKEF/SA;CKEF/NA
Conductor size(mm²): 0.5, 0.75, 1, 1.5, 2,5
No. of Cores: 2, 3, 4, 7, 10, 14, 19, 24, 27, 30,37, 44, 48
Types:
CKJ86/SC;CKJ96/SC
CKJ85/SC;CKJ95/SC
CKJPF/SC;CKJPF86/SC; CKJPF96/SC; CKJPF80/SC; CKJPF90/SC
CKJPJ/SC; CKJPJ85/SC;CKJPJ95/SC; CKJPJ80/SC; CKJPJ90/SC
CKJ86/NC;CKJ96/NC
CKJ85/NC;CKJ95/NC
CKJPF/NC;CKJPF86/NC; CKJPF96/NC; CKJPF80/NC; CKJPF90/NC
CKJPJ/NC;CKJPJ85/NC; CKJPJ95/NC; CKJPJ80/NC; CKJPJ90/NC
Conductor size(mm²): 0.5, 0.75, 1, 1.5, 2,5
No. of Cores: 2, 3, 4, 5, 7, 10, 12, 14, 16, 19,24, 27, 30, 33, 37, 40, 44, 48
Types:
CHJ86/SC;CHJ96/SC
CHJ85/SC;CHJ95/SC
CHJPF/SC;CHJPF86/SC; CHJPF96/SC; CHJPF80/SC; CHJPF90/SC
CHJPFP/SC;CHJPFP86/SC; CHJPFP96/SC; CHJPFP80/SC; CHJPFP90/SC
CHJPJ/SC;CHJPJ85/SC; CHJPJ95/SC; CHJPJ80/SC; CHJPJ90/SC
CHJPJP/SC;CHJPJP85/SC; CHJPJP95/SC; CHJPJP80/SC; CHJPJP90/SC
Conductor size(mm²): 0.5, 0.75, 1, 1.5, 2,5
No. of Cores: 1P, 1T, 1Q, 2P, 3P, 4P, 5P, 7P, 10P,12P, 14P, 16P, 19P, 24P, 30P, 37P
Types:
CHJ86/NC; CHJ96/NC
CHJ85/NC; CHJ95/NC
CHJPF/NC; CHJPF86/NC; CHJPF96/NC; CHJPF80/NC; CHJPF90/NC
CHJPFP/NC; CHJPFP86/NC; CHJPFP96/NC; CHJPFP80/NC; CHJPFP90/NC

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CHJPJ/NC; CHJPJ85/NC; CHJPJ95/NC; CHJPJ80/NC; CHJPJ90/NC
CHJPJP/NC; CHJPJP85/NC;CHJPJP95/NC; CHJPJP80/NC; CHJPJP90/NC
CHJV/SA, CHJV82/SA, CHJV92/SA, CHJV80/SA, CHJV90/SA
CHJVP/SA, CHJVP82/SA, CHJVP92/SA, CHJVP80/SA, CHJVP90/SA
CHJV/NA, CHJV82/NA, CHJV92/NA, CHJV80/NA, CHJV90/NA
CHJVP/NA, CHJVP82/NA, CHJVP92/NA, CHJVP80/NA, CHJVP90/NA
Conductor size(mm²): 0.5, 0.75, 1, 1.5, 2,5
No. of Cores: 1P, 1T, 1Q, 2P, 3P, 4P, 5P, 7P, 10P,12P, 14P, 16P, 19P, 24P, 30P, 37P
The maximum rated conductor temperature: 90°C.
Code for cable series
CK: Shipboard control 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
DA: Flame retardant type tested to IEC60332-1-2:2018
SA: Flame retardant type tested to IEC60332-1-2:2018, IEC60332-3-22:2018
Code for shield
P: wire or twisted pair with individual screen
Code for armour and outer sheath
8: Copper wire braid
9: Galvanized steel wire braid
5: Cross-linked Polyolefin outersheath
6: Thermal plastic Polyolefin outer sheath
0: No outer sheath
2: Polyvinyl chloride sheath

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Type Approval Certificate

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.

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: LR21396971TA

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

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