



**HONGTAI CABLE TECHNOLOGY CO.,LTD.**

**PRODUCT BROCHURE**



## >>> Brief Introduction

Hongtai Cable Technology Co.,Ltd. is a large joint-stock, hi-tech enterprise established in 1988.

We are specialized in wires & cables,including designment,production and sales.

There are more than 500 staffs in our factory including over 50 technical personnell,5 senior engineers.With complete advanced cable producing equipments over 150 sets,complete testing equipments,a national level fire-resistant & flame retardant cable laboretory.Our technology has reached advanced levels at honme and abroad.

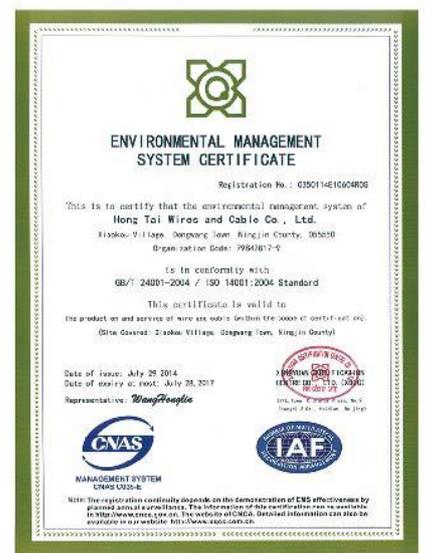
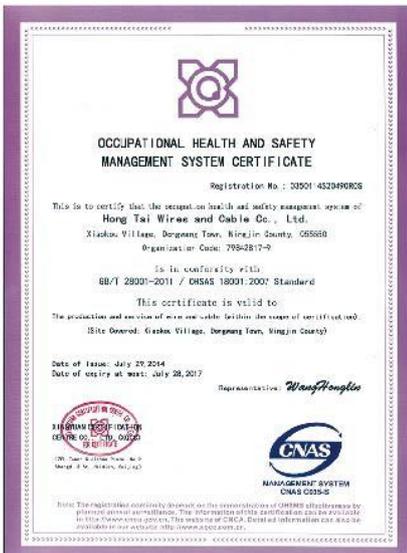
Our main products include:Power Cable for voltage up to 35KV,Overhead insulated cable,ABC Cable,Building Cable and flexible cord,Control Cable,Rubber Cable,Bare Conductor (ACSR, AAC, AAAC, BCC),Welding Cable,Galvanized Steel Wire(Stay wire),flame retardant mining cable,Aluminum Alloy Wire Cable,PVC insulated Pwer Cable.

We ave own IM/EX right,our products have been exported to EuropeWe have own IM/EX right,our products have been exported to Europe,Australing,Middle-east,South-east Asia,Africa,American,South American etc.,being subjected to consistent good opinion of customers.

As a people-oriented company,we always adhere to "customers first,quality first" business philosophy and promote the comprehensive quality management system.We have obtained IOS Certification,SGS certificate,CE certificate,and the IEC international certificate.We would like to join hands with elites from all sectors of society in the road of common development.



## >>> Certification





## 0.6/1KV XLPE/PVC INSULATED POWER CABLE

### Brief of XLPE insulated Power Cable

XLPE insulated power cable has a number of advantages over paper insulated and PVC insulated cable. XLPE cable has high electric strength, mechanical strength, high—ageing resisting, environmental stress resisting anti—chemical corrosion, and simple construction, using convenient and higher operating of long term temperature. It can be laid with no drop restriction.

Various of flame-retardant and non-flame retardant XLPE cable can be manufactured with three technology (peroxide, silance and irradiation crossing-linking). The flame-retardant cable covers all kinds of low-smoke, low-halogen, low-smoke halogen free, and non-smoke non-halogenated and three classes of A、B、C.

Our XLPE cable can be manufactured according to company' S specification which is equivalent to IEC 60502, IEC60332, IEC60754. Some indexes are superior to above international standard.

Some of special XLPE cable can be manufactured according to the other standard required by customs. XLPE cable having higher long-term working temperature and greater current rating, at the same environment XLPE cable may be reduced size(nominal cross—section)1 or 2 -ss in comparison with paper and PVC cable.

This is not only improve the quality and properties of products, but also reduce cable' S production costs.

| Type          | Name   | Usage  |
|---------------|--|--|
| VV<br>VLV     | PVC insulated PVC sheathed power cable                         | Can be laid at indoor, tunnel and tube .Cable cannot under take mechanism outside force                        |
| VY<br>VLY     | PVC insulated and PE sheathed power cable                      | Can be laid at indoor, tunnel tube and serious polluted places. Cable cannot undertake mechanism outside force |
| VLV<br>VLV22  | PVC insulated steel belt armored and PVC sheathed power cable  | Can be laid at indoor, tunnel tube and mining well. Cable cannot undertake mechanism outside force             |
| VV32<br>VLV32 | PVC insulated fine steel wire armored PVC sheathed power cable | Can be laid at indoor, underground and mining well .Cable can undertake mechanism outside force                |
| VV42<br>VLV42 | PVC insulated thick steel wire armored PE sheathed power cable | Can be laid at indoor, underground, mining well .Cable can undertake mechanism outside force                   |

### Scope of XLPE/PVC Cable

| Type  | No.of Core             | Nominal Cross-section of conductor mm <sup>2</sup> |
|---|------------------------|--|
| Cu(Al)/XLPE/PVC(PE)<br>Cu(Al)/XLPE/ATA/PVC(PE)<br>Cu(Al)/XLPE/AWA/PVC(PE) | 1                      | 1.5-1000   |
| Cu(Al)/XLPE/STA/PVC(PE)<br>Cu(Al)/XLPE/SWA/PVC(PE)                        | 2、3、4、5<br>3+1、4+1、3+2 | 1.5-400<br>2.5-400                                 |

### Cross-section area of neutral conductor

in 3+1 cores and 3+2 cores should conform to specification of following table:

|                       |               |     |     |     |     |     |     |     |     |
|-----------------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Nominal cross-section | Main cores    | 2.5 | 4   | 6   | 10  | 16  | 25  | 35  | 50  |
|                       | Neutral cores | 1.5 | 2.5 | 4   | 6   | 10  | 16  | 16  | 25  |
| Nominal cross-section | Main cores    | 70  | 95  | 120 | 150 | 185 | 240 | 300 | 400 |
|                       | Neutral cores | 35  | 50  | 70  | 70  | 95  | 120 | 150 | 185 |

### Main technical Characteristics of Cable

D. C. Resistance; Conductor resistance of finished cable per kilometer at 20°C is not more than the following;

|                                       |        |        |        |        |        |        |        |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| Nominal cross-section mm <sup>2</sup> | 15     | 2.5    | 4      | 6      | 10     | 16     | 25     |
| Cu core                               | 12.1   | 7.41   | 4.61   | 3.08   | 1.83   | 1.15   | 0.727  |
| Al core                               | 18.1   | 12.1   | 7.41   | 4.61   | 3.08   | 1.91   | 1.20   |
| Nominal cross-section mm <sup>2</sup> | 35     | 50     | 70     | 95     | 120    | 150    | 185    |
| Cu core                               | 0.524  | 0.387  | 0.268  | 0.193  | 0.153  | 0.124  | 0.0991 |
| Al core                               | 0.868  | 0.641  | 0.443  | 0.320  | 0.253  | 0.206  | 0.164  |
| Nominal cross-section mm <sup>2</sup> | 240    | 300    | 400    | 500    | 630    | 800    | 1000   |
| Cu core                               | 0.0754 | 0.0601 | 0.0470 | 0.0366 | 0.0283 | 0.0221 | 0.0176 |
| Al core                               | 0.125  | 0.100  | 0.0778 | 0.0605 | 0.0469 | 0.0367 | 0.0291 |

### Voltage Test

Each drum of finished cable should withstand power frequency voltage 3.5kv for 5 minutes, the insulation is not breakdown.

### Service conditions and parameters of cable

The cable is applied to fixed installation for rated voltage

0.6/1kV of power transportation and distribution line.

Max. rated temperature of conductor. nominal operating 70°C.

Short circuit: max. for 5 sec. 160°C

Max. rated temperature of conductor. nominal operating 90°C.

Short circuit: max. for 5 sec. 250°C

The cable is not limited by drop in level when being laid, and the environment temperature shall not be lower than 0°C

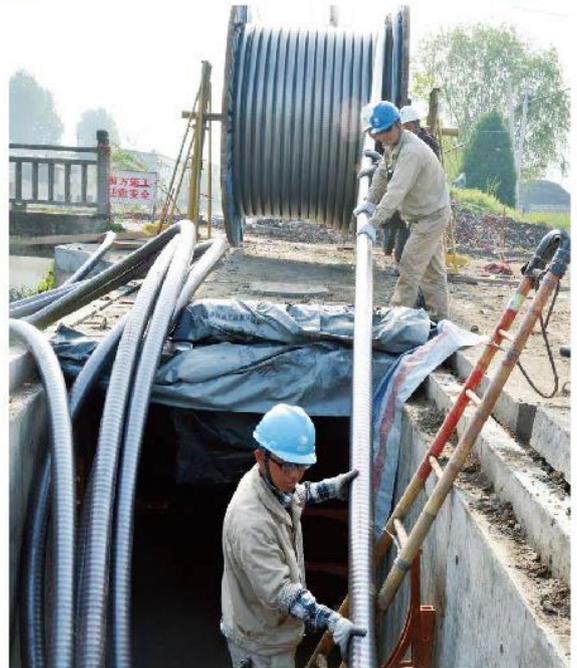
Perfect chemical stability, resistant against acids, alkalis, grease and organic solvents, and flame resistance.

Light weight, perfect bending properties, installed and maintained easily and conveniently.

# Factory tour



# Installation





# OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Registration No. 0350123S30480R3S

This is to certify that  
**Hongtai Cable Co., Ltd.**

Xiaokou village, Dongwang Town, Ningjin County  
Social Credit Code: 911305287984281793

is in conformity with  
**GB/T 45001-2020 / ISO 45001:2018 Standard**

Scope of certificate coverage

**Production and service of wires and cables within the scope  
of qualification (Site Covered: Dongwang Zhen Xiaokou village,  
Ningjin County, Xingtai City, Hebei Province).**

Date of issue: Jul. 20, 2023

Date of expiry at most: Jul. 19, 2026



中国合格  
评定国家  
管理体系  
认证中心  
CNAS-C035-M



Representative: *Wang Honglin*



NOTE: This certificate shall be maintained by regular surveillance audit.  
The validity of the certificate can be verified by scanning QR code.  
The information of the certificate can be available in <http://www.cnca.gov.cn>,  
the website of CNCA, and in our website <http://www.xqcc.com.cn>.

**XINGYUAN CERTIFICATION CENTRE CO., LTD.**

7FL, Tower C, Jiahua Plaza, No. 9 Shuangdi 3 St., Haidian, Beijing  
[www.xqcc.com.cn](http://www.xqcc.com.cn)



# QUALITY MANAGEMENT SYSTEM CERTIFICATE

Registration No. 0350123Q30806R3S

This is to certify that  
**Hongtai Cable Co., Ltd.**

Xiaokou village, Dongwang Town, Ningjin County  
Social Credit Code: 911305287984281793

is in conformity with  
**GB/T 19001-2016 / ISO 9001:2015 Standard**

Scope of certificate coverage

**Production and service of wires and cables within the scope  
of qualification (Site Covered: Dongwang Zhen Xiaokou village,  
Ningjin County, Xingtai City, Hebei Province).**

Date of issue: Jul. 20, 2023

Date of expiry at most: Jul. 19, 2026



中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C035-M



Representative: *Wang Honglin*



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[www.xqcc.com.cn](http://www.xqcc.com.cn)



# ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Registration No. 0350123E20500R3S

This is to certify that  
**Hongtai Cable Co., Ltd.**

Xiaokou village, Dongwang Town, Ningjin County  
Social Credit Code: 911305287984281793

is in conformity with  
**GB/T 24001-2016 / ISO 14001:2015 Standard**

Scope of certificate coverage

Production and service of wires and cables within the scope  
of qualification (Site Covered: Dongwang Zhen Xiaokou village,  
Ningjin County, Xingtai City, Hebei Province).

Date of issue: Jul. 20, 2023

Date of expiry at most: Jul. 19, 2026



中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C035-M



Representative: *Wang Honglin*



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[www.xqcc.com.cn](http://www.xqcc.com.cn)



## GREEN POWER CERTIFICATION CERTIFICATE

Registration number: 126224MS5302R0S

**HongTai Cable Co.,Ltd**

Unified Social Credit Code: 911305287984281793

**Registered address:** Xiaokou Village, Dongwang Town, Ningjin County

**Business address:** Xiaokou Village, Dongwang Town, Ningjin County,  
Xingtai City, Hebei Province

**After evaluation, Its organization's green power system is in line with**

**CTS JC 011-2024"Technical Specification for Green Power Certificati**

**on"Through evaluation, the scope is as follows**

Green power management activities involved in the production and service of  
wires and cables within the scope of qualification

Date of first certification: September 13th, 2024

The certificate is valid until: September 12th, 2027



1. Visit the official website of the National Certification and accreditation administration ([www.cnca.gov.cn](http://www.cnca.gov.cn)).
2. The certified organization shall be subject to regular supervision and audit, and the certificate shall continue to be valid only after being audited and qualified.

**Jinchen Standard (Tianjin) Certification Group Co., LTD**

Room 201, gate 2, building 19, Qingda Boya garden, Shuangjie Town, Beichen District, Tianjin

Tel: 022-26970272

CERTIFICATE OF REGISTRATION



# GREEN FACTORY CERTIFICATION CERTIFICATE

Registration number:126224MS5303R0S

**HongTai Cable Co.,Ltd**

Unified Social Credit Code: 911305287984281793

**Registered address:** Xiaokou Village, Dongwang Town, Ningjin County

**Business address:** Xiaokou Village, Dongwang Town, Ningjin County, Xingtai City, Hebei Province

After evaluation, Its organization's green factory system is in line with  
CTS JC 005-2023 " Technical specification for green factory  
certification" certification scope:

**AAAAA**

The green factory level involved in the production and service of wires and cables within the scope of qualification(AAAAA level)

Date of first certification: September 13th, 2024      The certificate is valid until: September 12th, 2027



1. Visit the official website of the National Certification and accreditation administration ([www.cnca.gov.cn](http://www.cnca.gov.cn)).
2. The certified organization shall be subject to regular supervision and audit, and the certificate shall continue to be valid only after being audited and qualified.

**Jinchen Standard (Tianjin) Certification Group Co., LTD**

Room 201, gate 2, building 19, Qingda Boya garden, Shuangjie Town, Beichen District, Tianjin

Tel: 022-26970272

CERTIFICATE OF REGISTRATION



**CERTIFICATION CERTIFICATE OF INTELLIGENT MANUFACTURING MANAGEMENT SYSTEM**

Registration number: 126224MS5304R0S

**HongTai Cable Co.,Ltd**

Unified Social Credit Code: 911305287984281793

Registered address: Xiaokou Village, Dongwang Town, Ningjin County

Business address: Xiaokou Village, Dongwang Town, Ningjin County, Xingtai City, Hebei Province

**Certification meets the following standards**

CTS JC 007-2023" Technical specification of intelligent manufacturing management system" Scope of certification:

**A A A A A**

Intelligent manufacturing maturity evaluation involved in the production and service of wires and cables within the scope of qualification(AAAAA level)

Date of first certification: September 13th, 2024

The certificate is valid until: September 12th, 2027



1. Visit the official website of the National Certification and accreditation administration ([www.cnca.gov.cn](http://www.cnca.gov.cn)).
2. The certified organization shall be subject to regular supervision and audit, and the certificate shall continue to be valid only after being audited and qualified.

**Jinchen Standard (Tianjin) Certification Group Co., LTD**

Room 201, gate 2, building 19, Qingda Boya garden, Shuangjie Town, Beichen District, Tianjin

Tel: 022-26970272

CERTIFICATE OF REGISTRATION



## **Hongtai Cable Technology Co.,Ltd.**

Website: <https://www.qlcables.com>

Factory Address:

Ningjin County Xingtai City Hebei Province China

Email: [sales@qlcables.com](mailto:sales@qlcables.com)/ [export@qlcables.com](mailto:export@qlcables.com)

Phone: +86 18032066271/ 15081821939