



Connecting
the World
by TAIHAN

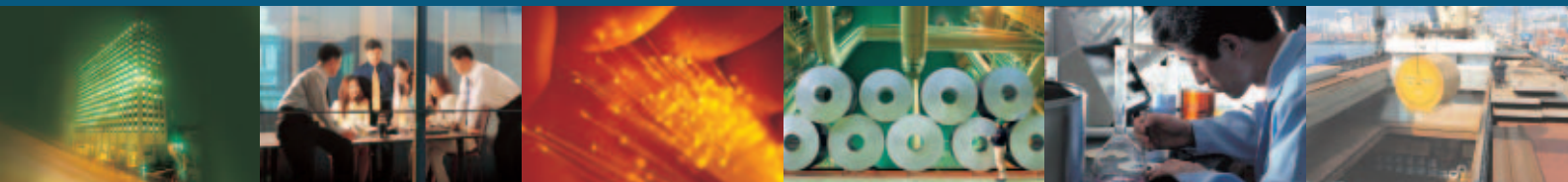
Total Solution to Cable and Stainless Steel

As a topnotch enterprise pursuing the best in terms of quality and quantity, Taihan Electric Wire Co., Ltd. (TAIHAN) has been contributing to the development of human beings and the society as a whole by utilizing management resources on an international point of view and globalized business system.

On the basis of core business such as extra high voltage cable and optical fiber cable, TAIHAN has been manufacturing best quality products in every possible field including stainless steel.

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Look no further than TAIHAN,
a world-class manufacturer
of cables & wires and stainless steel.
Providing one-stop solution for
cables & wires and stainless steel,
TAIHAN is rapidly expanding
throughout the world.
We have been producing and
supplying our quality products
on time in compliance with any
specific requirements
of the customers.



TAIHAN, the leading domestic cable manufacturer has grown to be a world-class enterprise with annual sales worth 1.3 trillion Won. Based on the most competitive extra high voltage cables and optical fiber cables, we have diversified our business lines to include stainless steel, thus contributing to the national economic development. As part of our globalization scheme, we operate subsidiary companies in China, Mongolia and South Africa, the first among Korean cable companies.

Now, TAIHAN is preparing a new vision to leap into the higher ranks of the topnotch global enterprises. The ever-changing environment calls for a global management by the conversion of attitude. We are laying a firm foundation for development in the 21st century by getting optimum results through concentrating management resources on our core business, by maximizing the company's value by ridding ourselves of inefficiency via restructuring, and by conforming to a knowledge economy based on network expansion in the digital era, strategic alliances, the asset value of know-how, etc.

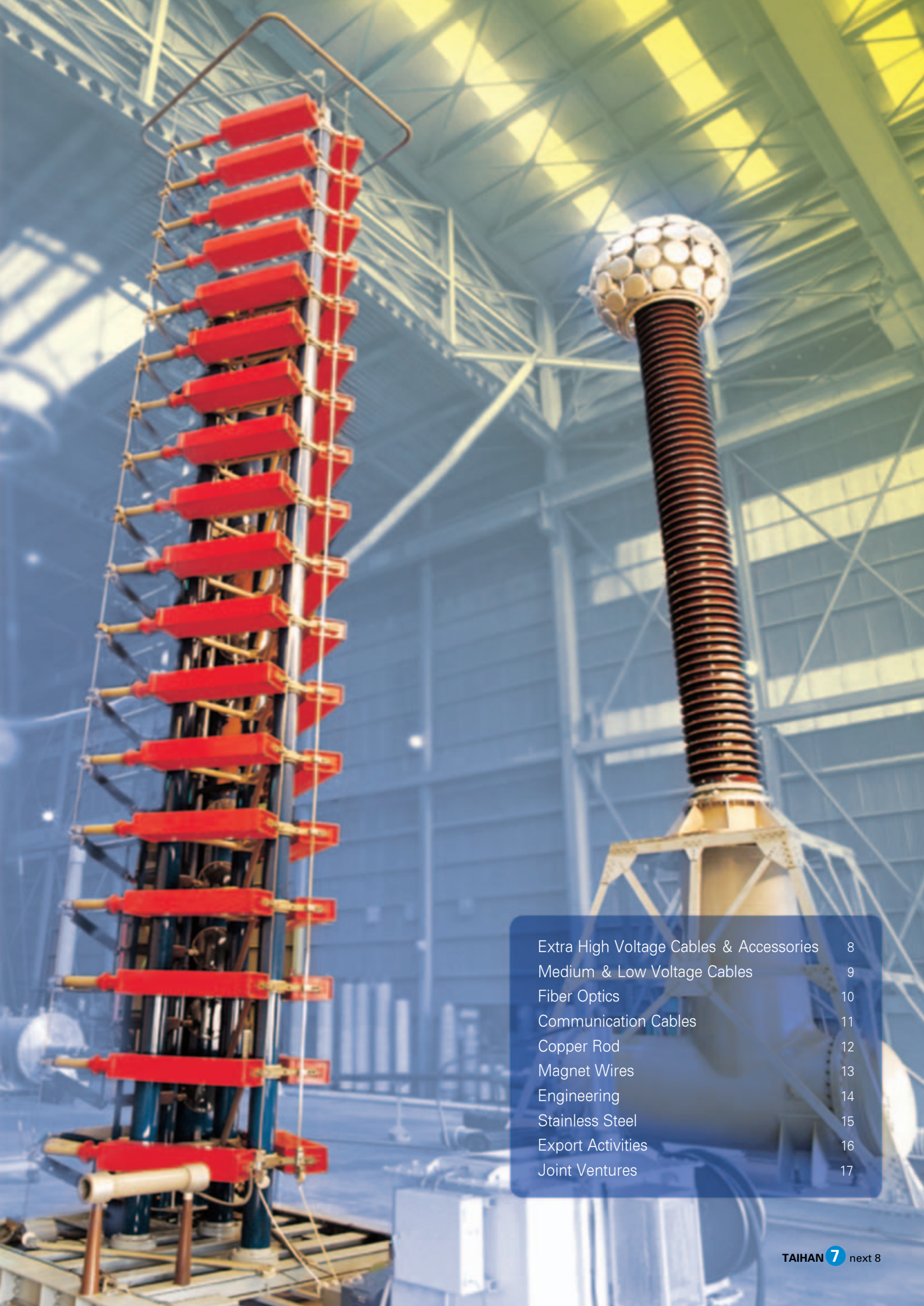
Everyone in the TAIHAN family will do his level best to foster a business culture full of passion and love in human relations, to upgrade our brand image to insure customer satisfaction at our thorough craftsmanship, and to make human society full of humanity.



“Business Fields”



TAIHAN is capable for the total solution ranging from cable supply, engineering to installation works. Through the energy transmission with maximum capacity and low loss as well as the information super highway, TAIHAN has brightened the world with energy and information at invisible places as a state-of-the art network enterprise.



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Extra High Voltage Cables & Accessories

As a forerunner in the field of extra high voltage cables in Korea, TAIHAN has made intensive investment and technical renovation to enhance the quality of extra high voltage cables.

In step with the ever increasing power consumption and the expansion of extra high voltage cable demand, TAIHAN reinforced the production capacity by having the additional 125 meters high VCV Tower, the tallest one in the world and can produce up to 500kV XLPE extra high voltage cable. Also, our 275kV and 345kV oil filled cables have been in successful operation in and abroad. Furthermore, we can produce and supply our own accessories and joints for extra high voltage cables.



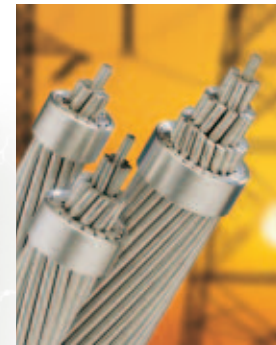
EHV Accessories



EHV XLPE Cables



EHV OF Cables



Bare Wires for EHV Overhead Transmission Line

Extra High Voltage Underground Cables

- XLPE Cable up to 500kV
- OF Cable up to 500kV

Bare Wires for EHV Overhead Transmission Line

- AAC · AAAC · ACSR(/AW)
- TACSR(/AW) · HTACSR/AW · STACIR(/AW)
- HSTACIR/AW · ACAR · OPGW

Accessories

- XLPE Cable Accessories up to 345kV
- OF Cable Accessories up to 345kV
- GIS Epoxy Spacer up to 362kV
- Condenser Cylinder for GCB



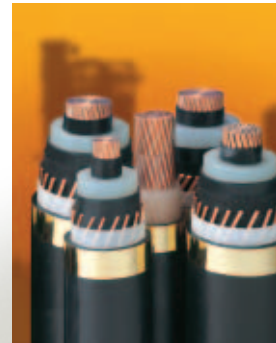
Medium & Low Voltage Cables

Our various power transmission and distribution cables serve as the main artery of the advanced industrial society, starting from the power station up to the end users.

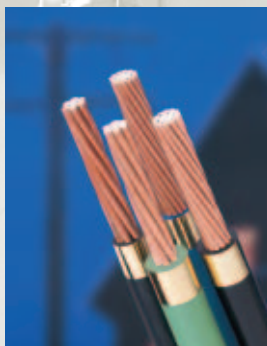
XLPE cables in general offer excellent properties such as small loss factor, simple installation and minimized maintenance. PVC insulated cables are used for electric power and lighting with the good electrical and mechanical properties. Building wires are the most frequently specified wiring solution today for commercial industrial and residential applications. TAIHAN offers a complete line of building wire to serve the demanding electrical industry.



Building Wires



XLPE Insulated Cables



PVC Insulated Cables



Control Cables



- XLPE Insulated Power Cables
- PVC Insulated Cables & Wires
- UL Building Wires
- Control Cables
- Instrumentation & Signal Cables
- Fire Protection Cables
- Halogen Free Fire-Resistant Cables
- Trolley Wires



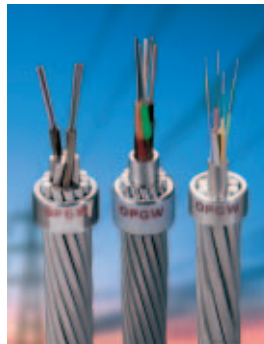
Fiber Optics

TAIHAN's technology for fiber optics is always opening a new chapter in the information super highway era by realizing the application of fiber to the home, in which thoughts are exchanged and heart connected irrespective of distance and language barrier in a unified world from the past into the future.

We can provide a fiber optics total solution by producing and supplying various types of optical fiber cables for long distance, subscribers, PCS, emergency use, indoor application and overhead transmission.



Optical Cables



OPGW



Optical Fiber



Fiber Optic Accessories

Optical Fibers

- Single Mode Optical Fiber
- Multi Mode Optical Fiber
- Dispersion Shifted Optical Fiber
- Non-zero Dispersion Shifted Optical Fiber
- Anywave® Single Mode Optical Fiber

Optical Cables

- Loose Tube Cable (for Duct, Direct Buried, Aerial)
- High Count Loose Tube Cable
- Submarine Optical Cable
- Ribbon Slot Cable
- OPGW
- ADSS Optical Cable
- Tight Buffer Optical Cable
- Simplex & Duplex/Breakout Cable
- Under Carpet Optical Cable
- Emergency Repairing Cable

Fiber Optic Accessories

- Optical Fiber Patch Cord
- Optical Fiber Adapter
- Optical Fiber Attenuator
- Mechanical Splices for Optical Fiber
- Optical Fiber Protection Sleeve
- Optical Multi Jumper Cable
- Optical Termination Cable
- Optical Distribution Frame

- Optical Distribution Panel
- Fiber Optic Terminating Boxes
- Optical Fiber Cable Closure
- Joint Box for OPGW
- Optical Fiber Cable Jointing Tool Kit
- Fiber Optic Cable Emergency Repairing Systems



Communication Cables

TAIHAN can provide a warranty for up to forty five years on its telecommunication cables. In the modern society characterized by the information super highway, the communication cables of TAIHAN have been playing a indispensable role in the various technology associated with the information era. We have been contributing to the convenience of human society by precisely processing the ever diversified and complicated information.

Our quality products have been supplied to various customers in Korea and around the world ensuring their full satisfaction with the reliability and brand of TAIHAN. Along with our simple cable supply, we have been also undertaking an integrated turnkey project for telecom network in the overseas market.



DATA Cables



Wireless Telecommunication Cables



Foam Skin Insulated Cables

DATA Cables

- UTP Cables
- FTP Cables
- STP Cables

Wireless Telecommunication Cables

- Feeder Cables
- RCX Cables
- LCX Cables

Telecommunication Cables

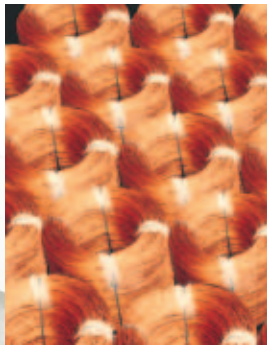
- Foam Skin Insulated Cables
- PE Insulated Cables
- PCM-Z Screened Cables
- Self-Supporting Aerial Cables
- Underwater Cables



Copper Rod

TAIHAN had produced a total 2 million metric ton of copper rod until 1998 with the biggest production capacity in Korea. By applying the ultramodern SCR system, the whole production process is controlled by the automatic system and the data feed back operation is monitored and controlled by the central computer operation to ensure the best quality of copper rod. The molten copper is cast into a bar with maximum are of 10.2 square inches to produce the even quality rod.

Especially automated system makes it possible for the rod to be drawn up to superfine wire without breakage. On the basis of our accumulated technical know-how we have been making quality control which is for more strict than the international quality standard to minimize the surface defects and copper dust. The excellent properties of our copper rod with the best surface luster is highly appreciated by our domestic and overseas customers.



Copper Rod



Casting Machine



Shaft Furnace

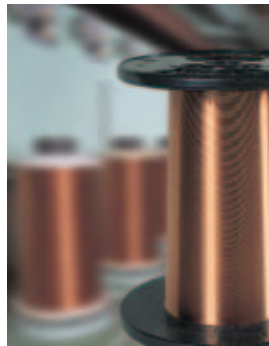
Copper Rod (mm) : 8.0, 9.5, 12.7, 16.0, 18.0, 23.0



Magnet Wires

Magnet wire is wound in a form of coil around the core inside the electrical appliances and plays a role of converting mechanical energy into electric energy and vice versa.

Magnet wire is widely used in almost all of the electrical appliances for heavy electric industry, car components and household electrical products etc. TAIHAN has been supplying various types of magnet wires to meet every requirement of customers.



Magnet Wires

- Polyurethane Enameled Wire (UEW)
- Nylon Overcoated Polyurethane Enameled Wire (UEW/N)
- Polyester Enameled Wire (PEW)
- Nylon Overcoated Polyester Enameled Wire (PEW/N)
- Polyesterimide Enameled Wire (EIW)
- Nylon Overcoated Polyesterimide Enameled Wire (EIW/N)
- Polyamideimide Overcoated Polyesterimide Enameled Wire (EI/AIW)
- Self-lubricated Polyamideimide Overcoated Polyesterimide Enameled Wire (SL-EI/AIW)
- Polyamideimide Enameled Wire (AIW)



Engineering

Engineering plays an important role in the cable industry requiring highly advanced technology. On the basis of our accumulated engineering capability, we have been successfully executing the integrated turn-key projects covering the design, production, installation, engineering and supervision in the fields of extra high voltage cables, optical fiber cables and wireless communication auxiliary facilities.

Our past achievements in the overhead, underground and submarine projects have gained us a reputation as a qualified contractor in Korea, the South East Asia and the Middle East.

TAIHAN has successfully carried out the extra high voltage cable underground projects by installing cables in the FRP trough in the underground tunnel for the first time in Korea to ensure line stability and reliability, thus being protected from other adjacent cable lines.



Underground
Transmission Line Project



Installation in the Culvert



Overhead Transmission Line Project

Services

- Extra High Voltage Power Cable Turnkey Project Contractor
- Telecommunication Outside Plant Project Contractor
- Fiber Optic Cable and System Installation Project Contractor



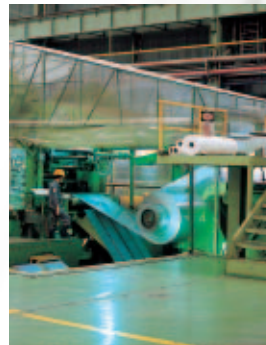
Stainless steel

TAIHAN has been contributing to the comforts of human beings and the society by supplying the stainless steel coils & sheets of excellent quality. To cope with the industrial development and diversified customers' requirements, TAIHAN has been supplying the diverse types of cold rolled stainless steel coils & sheets suitable for respective application.

TAIHAN's stainless steel coils & sheets are widely used in the petrochemical industry, the food industry, shipbuilding and vehicle industry as equipment material and in the building decoration and household utensils as durable consumer material. These products are also used in the medical industry, ocean development, anti-pollution instruments and nuclear industry etc. On the basis of our experience in producing the thin stainless steel strips, TAIHAN will continue to develop high value-added products including ultra-thin strips by expanding new production facilities and adopting new technology and automated production lines.



Annealing & Pickling Line



Skin Pass Line



KT-Mill

Available production materials

301, 304, 304L, 304J1, 305, 310S, 316, 316L, 321, 409, 409L, 410, 420J1, 420J2, 430, 434, 436L, etc.

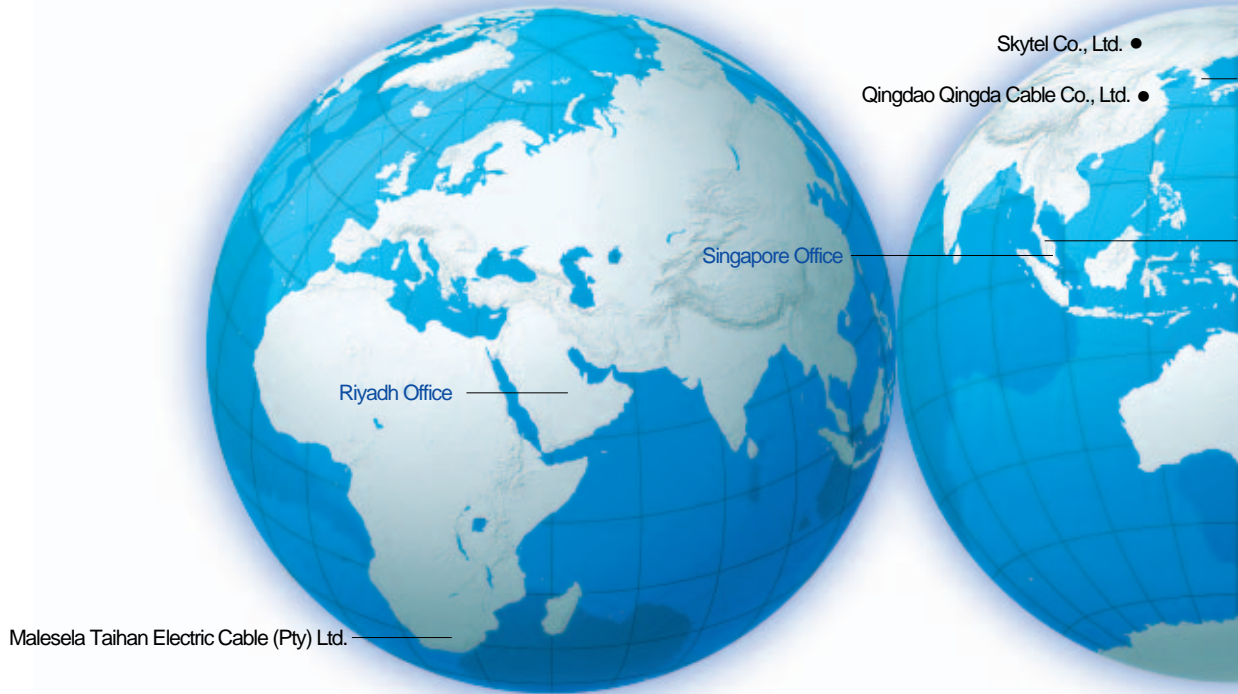


Export Activities

The main key to open the international market is superior quality and technology. The up-to-date technology is not monopolistic to the developed countries.

TAIHAN, since its establishment, has actively extended the international market and today, exports various kinds of products all over the world. Our excellent technology and quality products have gained us a reputation as the most reliable manufacturer.

TAIHAN promises to serve the customers with our quality product and technology in the international market.



Qingdao Qingda Cable Co., Ltd.



Malesela Taihan Electric Cable (Pty) Ltd.



Skytel Co., Ltd.

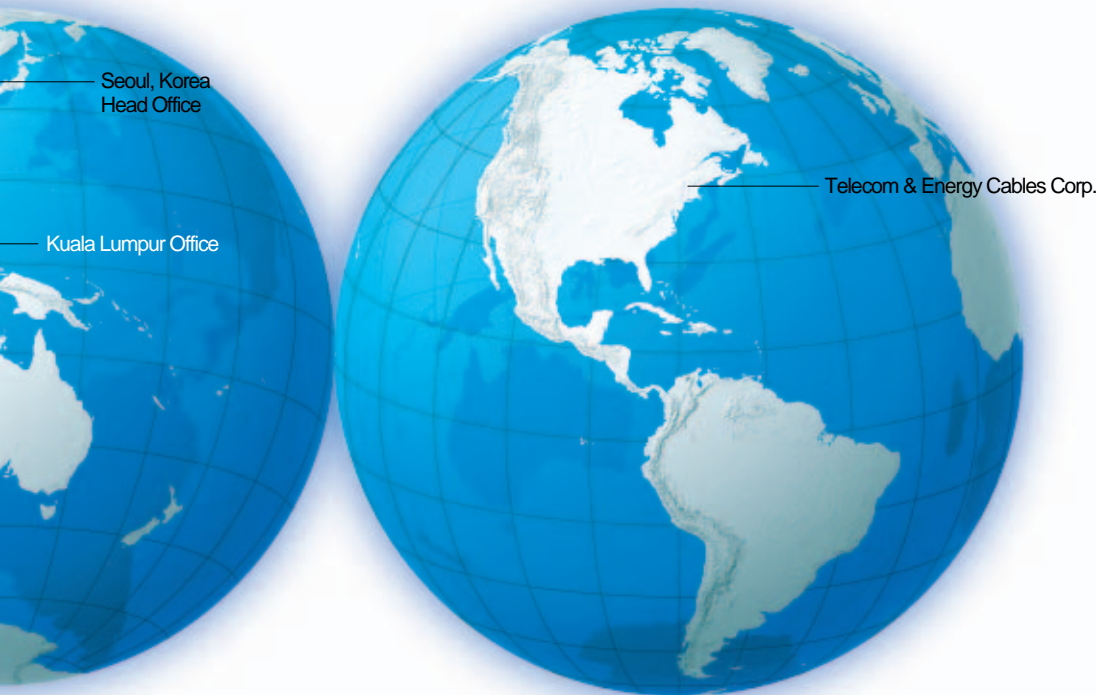


Joint Ventures

In line with the pan-national policy of globalization, TAIHAN made early efforts of establishing joint ventures in China, Mongolia and South Africa, etc. This is another cornerstone for TAIHAN to leap into the first line company.

Malesela Taihan Electric Cable (Pty) Ltd. is the pioneer in the manufacturing of non-ferrous products in South Africa and through innovation and technical expertise, will remain the leading manufacturer of optical cables, aluminum wires and electric cables. Especially TAIHAN already started the mobile phone service operation in July, 1999, Skytel Co., Ltd. in the mobile phone operation service in Mongolia as the company can now engage in the wire and wireless communication project together.

TAIHAN will sculpture the image of TAIHAN in the world as the name equivalent to technology by actively realizing the overseas business with our joint ventures.



JOINT VENTURE COMPANIES

Qingdao Qingda Cable Co., Ltd.

250, Xiwujiacun, Shandong Road, Qingdao, Shandong, China
Tel. 86-532-582-1424 / Fax. 86-532-581-3594

Skytel Co., Ltd.

4th Floor of the Montel Bldg. Chingeltel District 1st. Horoo,
Ulaanbaatar-13, Mongolia
Tel. 976-1-318488 / Fax. 976-1-31848

Malesela Taihan Electric Cable (Pty) Ltd.

Steel Rd Peacehaven Vereeniging 1930 Gauteng South Africa
Tel. 27-16-450-8200 / Fax. 27-16-423-3406

Telecom & Energy Cables Corp.

85 Denton Avenue, New Hyde Park, NY 11040, U.S.A.
Tel. 1-718-347-6030 / Fax. 1-718-347-6045

OVERSEAS BRANCHES

Kuala Lumpur Office

15th Floor, Pernas International, Jl. Sultan Ismail, 50250 Kuala Lumpur, Malaysia
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Singapore Office

629 Aljunied Road #05-19 Cititech Industrial Building Singapore, 389838
Tel. 65-842-5069 / Fax. 65-842-5076

Riyadh Office

Al Akariyah Shopping Center 2
Room No. 726, Olaya Road P.O. Box 201, Riyadh 11372, Saudi Arabia
Tel. 966-1-419-0227 / Fax. 966-1-419-0262



“Management”



With the basic value of the corporation management placed on human centered administration, TAIHAN has been providing immense possibility for its employees as an open enterprise under the motto that competitiveness depends on its capable human resources.

TAIHAN's new corporate culture centers on real efforts to put heart and soul into products with the labor-management relationship full of affection and love and to provide real value and happiness for mankind and the society.



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R & D

As a vanguard in achieving the advanced technological renovation, our R&D Center has devoted itself to the research, development and commercialization of new products and high value-added products to promptly satisfy the requirements of the customers.

The activity of our research team will continue to concentrate on the development of new products in the fields of cable related products, electric instrument and fiber optic application, etc.



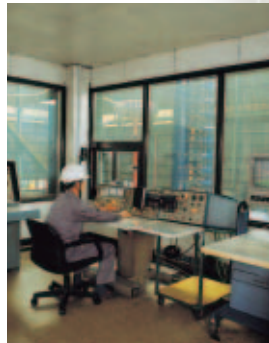


Quality Environmental Management

Covering from raw materials to finished products, we have been making strenuous efforts to enhance the reliability of products through the QM, small group activity, suggestion system and standardization activity.

So the quality of our products were authenticated by international standards such as KS, JIS, UL, CSA and we passed the type tests by LOCA of Franklin Laboratory in U.S.A. and KEMA in the Netherlands. Also, we acquired ISO 9001 certification in 1993, the first of its kind in Korea for cable products and ISO 9002 certification in 1995 for stainless steel sheet, ISO 9001 certification in 1996 for electric instrument to prove the international recognition of our high quality.

And, TAIHAN acquired ISO 14001 Environmental Management System certificate in 2001 for all its products by SGS-ICS America, a quality certification institution.



Control Room



EHV Laboratory



Corporate Culture

Management policies based on healthy labor-management relation, friendly atmosphere, well organized training system, professionalism, quality first spirit and customer satisfaction are strategies behind TAIHAN's success. Also we treat our employees as our most precious and valuable assets.



We offer them many fringed benefits including welfare, informal group activity, comfortable working environment, commuting, housing, and scholarship for children.



Corporate Information

Head Office



Insong Building, 194-15, 1-ga, Hoehyeon-dong,
Jung-gu, Seoul, Korea
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R&D Center



996, Siheung-dong, Gumchon-gu, Seoul, Korea
Tel. 82-2-890-9415 / Fax. 82-2-803-4647



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785, Gwanyang-dong, Dongan-gu, Anyang,
Gyeonggi-do, Korea
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Tel. 82-2-890-9114 / Fax . 82-2-808-6320



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HEAD OFFICE

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Hoehyeon-dong,
Jung-gu, Seoul, Korea

OVERSEAS SALES TEAM