

PROFESSIONAL CREATOR OF FINE PRODUCTS
FOCUS ON CREATING VALUE



COMPANY PROFILE

PT. HUADIAN HIGHTECH ELECTRIC MANUFACTURING

COMPANY REGISTERED ADDRESS: Gold Coast Office Tower Liberty Unit 20L, Jl. Pantai Indah Kapuk Boulevard, Desa/Kelurahan Kamal Muara, Kec. Penjaringan, Kota Adm. Jakarta Utara, Provinsi DKI Jakarta, Kode Pos: 14470

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PT. HUADIAN HIGHTECH ELECTRIC MANUFACTURING

- ◆ PERSIST WITH HONESTY
- ◆ BUILDING INDUSTRY WITH GUALTY
- ◆ FOCUSING ON LONG TERM PLANNING
- ◆ PROMOTING TECHNOLOGICAL INNOVATION

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PART ONE

COMPANY OVERVIEW

01 COMPANY INTRODUCTION

Huadian Hightech Group is a high tech enterprise specializing in the manufacturing of intelligent power distribution equipment, high end electrical components, as well as providing turnkey solutions and operational services for power engineering projects. The company is a qualified supplier for the State Grid Corporation of China and the China Southern Power Grid, two major state owned electric utility companies in China. With business operations throughout China and more than 20 countries worldwide, the Group gain customers ' trust and high praise.

PT. HUADIAN HIGHTECH ELECTRIC MANUFACTURING Company is a joint venture between Huadian Hightech Group, PT. REKAYASA KONSTRUKSI NUSANTARA limited company and FORTI INTERNATIONAL PTE.LTD. The company primarily manufactures and sells medium and low voltage complete electrical equipment, industrial automation equipment, energy saving devices, new energy vehicle charging station equipment, busbar bridge, and other products. The Company also undertakes turnkey electrical engineering projects and offer operational and maintenance services persisting in providing customers with high quality, energy efficient, and environmentally friendly electrical products and system solutions, helping them enhance energy usage efficiency, reduce consumption, decrease carbon emissions, and create positive social, economic, and environmental benefits.



Group Headquarters



Jakarta Production Base

02 CORPORATE CULTURE

COMPANY MISSION | Pursuing Excellence, Crafting Quality, Giving Back to Society.

COMPANY SPIRIT | Pioneering and enterprising, Pragmatic and efficient.

BUSINESS PHILOSOPHY | Creating value for customers, Creating opportunities for employees, Creating welfare for mankind.

DEVELOPMENT STRATEGY | Relying on the manufacturing processes of power distribution equipment and advanced technology advantages Huadian Hightech Group continuously exploring new products and business opportunities in Indonesia. With high quality products and prompt services, the Group engages in the construction and upgrading of power grids in Indonesia and neighboring countries.

03 BUSINESS SCOPE



PART TWO

PRODUCTION EQUIPMENT

01 COLD WORKING WORKSHOP

Only top notch production equipment and professional expertise lead to outstanding products.



CNC Laser Cutting Machine



CNC Bending Machine



CNC Shearing Machine



CNC Punching Machine

02 ELECTRICAL ASSEMBLY WORKSHOP

Striving for perfection, meticulous attention to detail, multiple layers of quality control, strict production processes ael these aspects are intricately woven together to provide customers with high standard products.



03 BRIDGE FULLY AUTOMATIC PRODUCTION LINE

Advanced equipment, superior quality, safety, and efficiency are the standards for our automated production lines.



PART THREE

TESTING EQUIPMENT

Dedicated Testing for Enhanced Quality.



Testing Bench



Constant Temperature and Humidity Testing Machine



High Voltage Insulation Resistance Testing Equipment



Power Frequency Withstand Voltage Testing Equipment

PART FOUR

PRODUCT CENTER

DISTRIBUTION TRANSFORMER CATEGORY



PRODUCT OVERVIEW

Distribution transformers refer to power transformers with voltage levels below 35KV. They are categorized into oil immersed transformers and dry type transformers based on different insulation media. According to the voltage regulation methods, they are further divided into no load tap changers and on load tap changers. Oil immersed transformers are suitable for industrial and mining enterprises, agriculture, petroleum, chemical industry, civil construction, and other places. Dry type transformers are applicable for high rise buildings, commercial centers, airports, subways, hospitals, and similar locations.

HIGH/LOW VOLTAGE SWITCHGEAR
EQUIPMENT CATEGORY



PRODUCT OVERVIEW

Complete sets of high and low voltage distribution devices, also known as complete switchgear or switch cabinets, are assembled with various electrical components based on specific main wiring requirements, with switchgear as the main component. These devices are used for the reception, distribution, control, measurement, protection, and adjustment of electrical energy in distribution systems. They mainly include high and low voltage switchgear and are suitable for power plants, petroleum, chemical industry, metallurgical factories, high rise buildings, and other areas in the distribution system.

PREFABRICATED
SUBSTATION CATEGORY



PRODUCT OVERVIEW

Prefabricated substations are high voltage switchgear equipment where distribution transformers and low voltage distribution devices are organically combined and installed in a moisture proof, rust proof, dust proof, rat proof, fire proof, heat insulated, fully enclosed, and movable enclosure. They are suitable for urban grid construction, mining factories, petroleum, chemical industry, and wind power stations.

DISTRIBUTION
BOX CATEGORY



PRODUCT OVERVIEW

As terminal electrical equipment in distribution systems, distribution boxes can be divided into temporary distribution boxes, meter boxes, power boxes, lighting boxes, and socket boxes based on different functions. They can be further categorized into indoor boxes, outdoor boxes, and temporary power boxes based on installation locations. They are widely used and are characterized by stable and reliable operation and high space utilization efficiency.

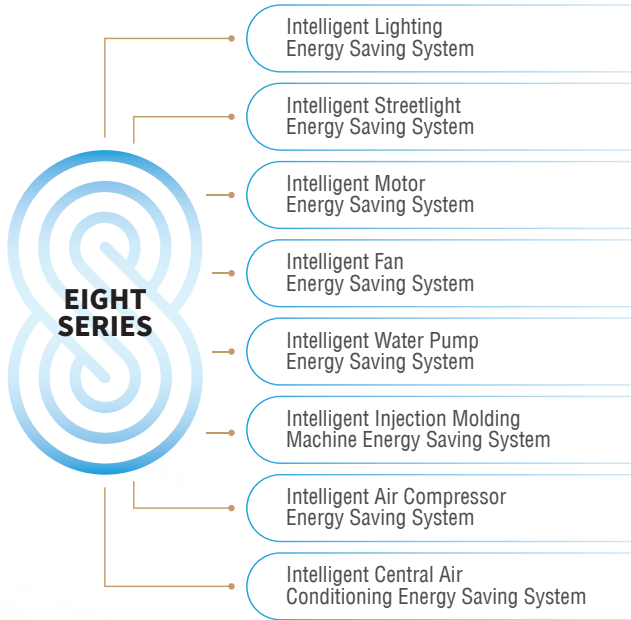
DC POWER
SUPPLY PANEL



PRODUCT OVERVIEW

DC panels are electrical operation power sources in power plants and substations. They provide power for controlling loads, power loads, and DC emergency lighting loads, serving as the foundation for power system control and protection. They are mainly used in small and medium sized power plants, hydropower stations, various substations, and other users employing DC equipment.

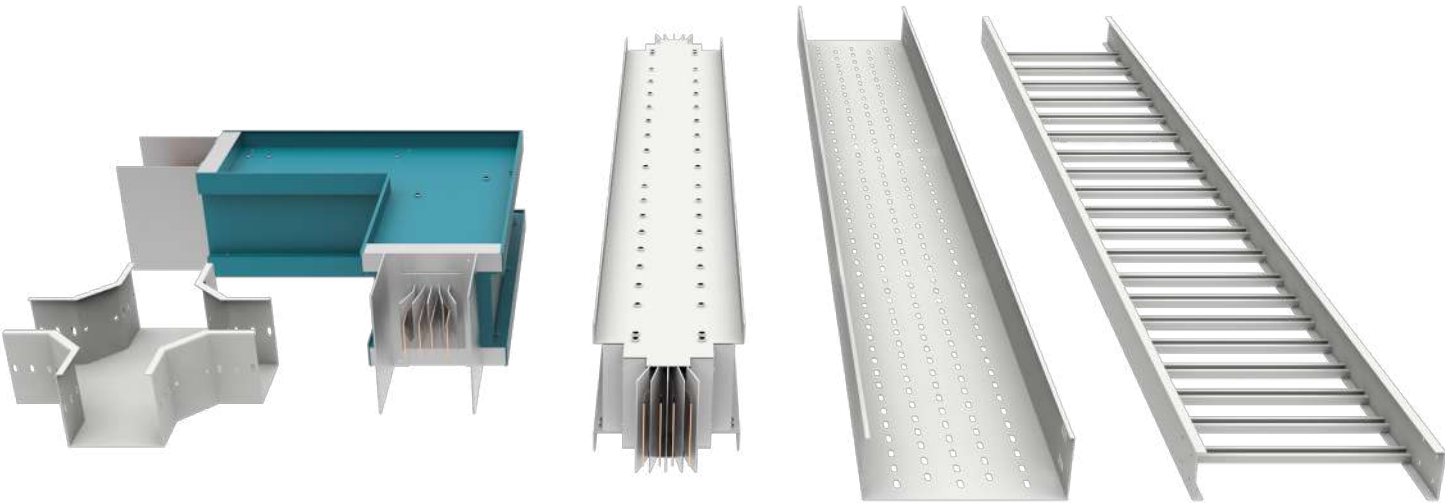
INTELLIGENT PROTECTION
AND ENERGY SAVING SYSTEM



PRODUCT OVERVIEW

Huadian High Tech has independently developed eight highly efficient terminal energy saving systems. These systems are applicable in various industries and fields such as industry, commerce, and municipal engineering. Based on these systems, the energy saving rate measured over several years in the serviced projects ranges from 15% to 65%.

BUSBAR/TRAY
CATEGORY



PRODUCT OVERVIEW

Busbar ducts are divided into three types: air insulated plug in busbar ducts, compact insulation plug in busbar ducts, and high strength plug in busbar ducts. Trays are divided into groove type, tray type, and ladder type, consisting of brackets, arms, and mounting accessories.

POWER QUALITY
MANAGEMENT CATEGORY

NEW ENERGY VEHICLE
CHARGING STATIONS



PRODUCT OVERVIEW

STBB Reactive Power Compensation Devices are mainly suitable for 3~35KV power systems. They compensate system reactive power, improve power factor, regulate voltage, reduce line losses, enhance power supply quality, and improve the efficiency of power distribution equipment. The capacity ranges from several hundred kvar to tens of thousands of kvar. SHFC High Voltage Filtering Compensation Devices consist of multiple LC filtering branches composed of filtering capacitors, filtering reactors, and non inductive resistors. They are widely used in metallurgy, mining, chemical industry, machinery, and other industries.

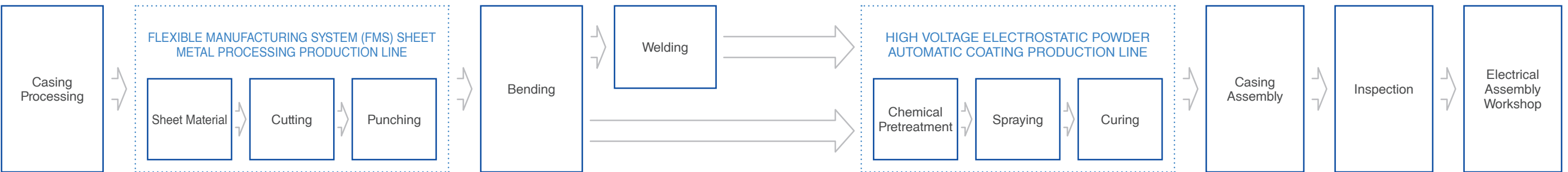
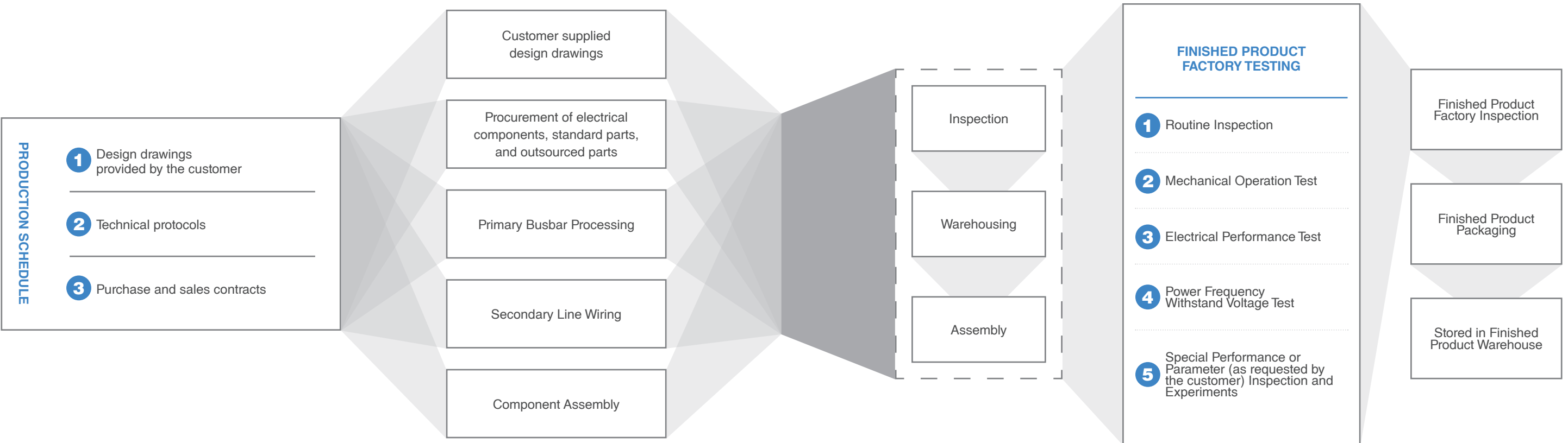


PRODUCT OVERVIEW

New energy vehicle charging stations are divided into three types: integrated DC charging stations, vertical AC charging stations, and wall mounted AC charging stations. The 120kW DC charging station is suitable for fixed routes and centrally managed places for sanitation and cleaning vehicles, taxis, buses, dump trucks, etc. The 7~22kW AC charging station is suitable for residential communities, commercial plazas, office buildings, hotels, parking lots, etc.

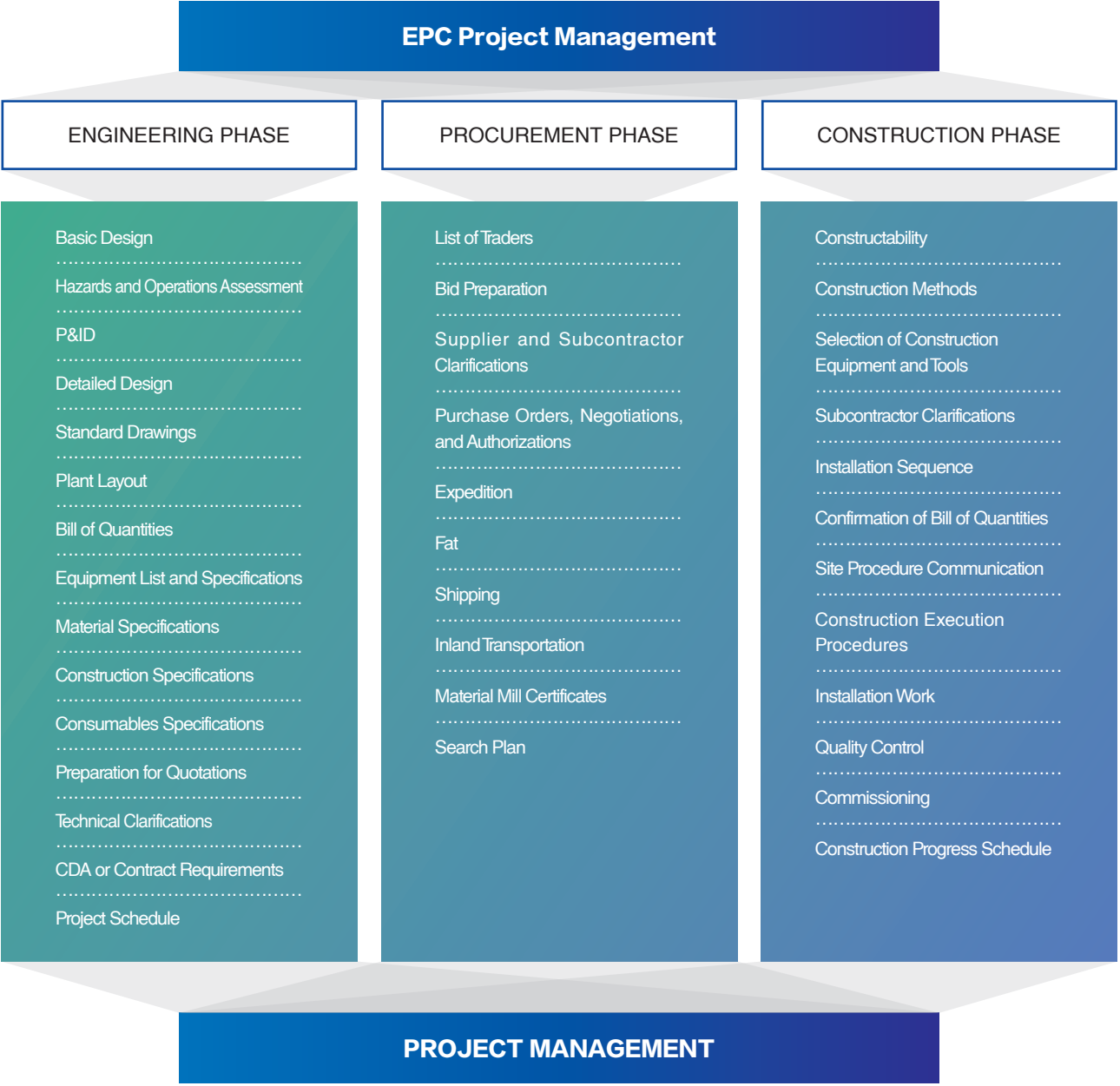
PART FIVE

PRODUCT MANUFACTURING PROCESS



PART SIX

EPC PROJECT MANAGEMENT PROCESS



The company adheres to the "Safety First, Prevention First" safety production policy. It employs various professionals such as construction engineers, engineers, individuals holding special permits for high voltage work, on site management personnel, and technical workers. The company is equipped with various electrical construction machinery and testing equipment, fully meeting the needs of safe construction for various large, medium, and small scale power projects.

OPERATION AND MAINTENANCE SERVICES



Equipment Inspection
and Checks



Planned Equipment Shutdowns
and Reset Operations



Recording Various
Operational Data



Site Cleanliness



Cleaning Work During
Equipment Shutdown



Handling General Equipment Defects,
Assisting in Equipment Fault Resolution



Coordinating Equipment Supplier
Warranty Services



Assisting in Guiding Client's
Substation Economic Operations



Establishing Equipment Registers within
the Substation Management Scope



Handling Electrical Affairs in
Coordination with Clients and
Power Supply Departments



Technical
Training



Supply of
Spare Parts

PART SEVEN

SOME PROJECT ACHIEVEMENTS



Provided installation services and spare parts supply for Qingshan Industrial Park.



Supplied electrical equipment and spare parts, and provided installation services for the Indonesia Morowali Industrial New Energy Project.



Offered electrical installation and spare parts supply for the Indonesia Weda Bay Industrial Park Thermal Power Project.



Provided installation services and spare parts supply for the Indonesia Gorontalo Project.



Supplied distribution equipment and spare parts for the Indonesia North Sulawesi Conch Co., Ltd Project.



Provided 35KV box type transformer and installation services for Hengsheng New Energy Materials Co., Ltd. in Indonesia.



Provided electromechanical installation for the 24100MW Takara Coal fired Power Station.



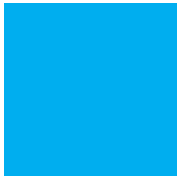
Offered complete sets of high and low voltage equipment and electromechanical installation for the Indonesia Yili Production Base.

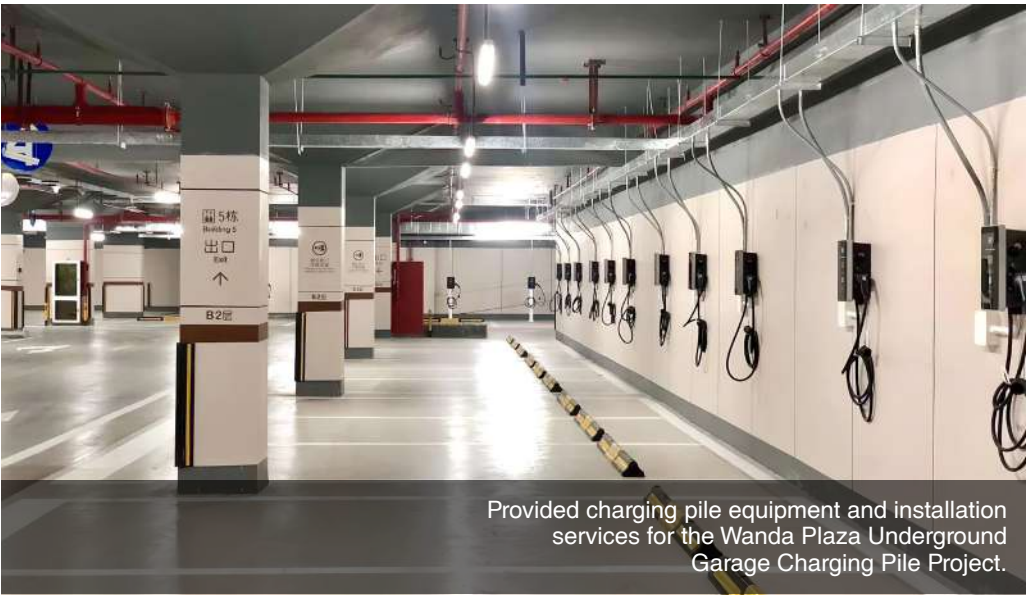


Supplied spare parts for the Sibayak Geothermal Power Station in Indonesia.



Provided electrical equipment and installation services for the 240MW SORIK MARAPI Geothermal Power Station.





PART EIGHT

CONSTRUCTION SITE

The construction site meticulously organizes various resources, coordinates different management aspects, and implements scientific construction methods. It effectively manages specific processes, ensuring seamless coordination and efficient utilization of resources.



PART NINE

QUALIFICATION CERTIFICATES

BUSINESS LICENSE



PART TEN

SOCIAL RESPONSIBILITY

INTEGRITY IN BUSINESS

Continuous innovation and pursuit of excellence. We strive to provide excellent products and high quality services to our local customers in Indonesia, working together to create a better tomorrow.

SAFETY IN PRODUCTION

We actively respond to the national call for energy conservation and emission reduction, aiming for the harmonious development of the company and the environment. Through environmental projects, energy saving technologies, and other green products, we integrate environmental responsibility into our corporate operations.

SOCIAL WELFARE

Huadian Hightech Electric Manufacturing Co.,Ltd is dedicated to giving back to society through tangible actions. We establish local factories, increase employment opportunities, and actively participate in public welfare activities. In addition to creating economic benefits for the company, we also strive to create social value simultaneously.



STRIVING FOR DEVELOPMENT THROUGH QUALITY

BUILDING A BRAND THROUGH REPUTATION

