



# List of contents

**Introduction**

**2**

**About us**

**6**

**Products**

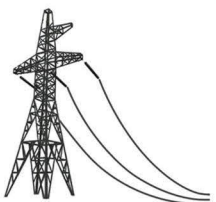
**11**

**Membership and certificates**

**19**

**Projects and type tests**

**21**





# Introduction





## General Introduction

Towerist Company, established in Turkey, relying on more than 20 years experiences, is a pioneer company for designing, manufacturing and galvanizing steel Power transmission towers, telecommunication towers, and high voltage substation steel structures.

Thanks to our skilled qualified human resource, relying on our complete fully-automatic machines, and our compliance with last up-dated international standards, now we are proud to have satisfied clients and long-lasting business relationship with our partners and customers.

Towerist Company has equipped itself for designing, manufacturing and hot-dip galvanizing over 25000 MT of lattice steel structures.







## Vision

Having a remarkable share in the world due to energizing human lives, and improving interpersonal relationships aiming to make better life for all.

## Mission

Empowering power and communication industries, by designing and manufacturing high quality transmission and telecommunication towers, due to improving life quality.

## Core Values

- Respecting to the nature and protecting it
- Commitment and Excellence
- Teamwork and Partnership
- Integrity
- Transparency
- Innovation



## **Management Message**

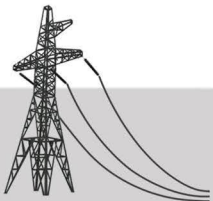
Ali Salah  
CEO

The modern business world has been evolving so rapidly to witness a global surge for competition, strategic planning, investment in technology, and coping with world-wide economic development projects. Modern-day advancements have been realized in all ways of life which added extra challenges to manufacturers, industrialists, and traders to meet those challenges with integrated solutions based on high-tech applications. As CEO of Towerist, and to embark on a journey of success, I take a leading role in creating an ideal work and business environment by providing all tools of preparedness, foresight, strategy. I am committed to make enormous strides in making

Towerist a renowned and leading industrial in the world of transmission and telecommunication towers manufacturer.

In the first decade of the Towerist, we have achieved milestones based on sound business strategies and initiatives through collaboration with notable industrial and trading partners worldwide. As we are looking ahead, Towerist is keen to continue developing its physical and human resources, to expand its business dealings, and to assurance top quality products and brands so that customer satisfaction is fully realized. We strive to accomplish our goals by doing business most professionally and ethically so that we help bring better living to our customers. Our personal integrity, our shared values and our ethical business conduct form the basis of Towerist reputation. When combined with the quality and performance of our products, those elements build an extremely powerful platform for business success for the company and professional growth for all of us. By living our values, I know that we can move closer to realizing

our vision. Trust us, we care!





# About us





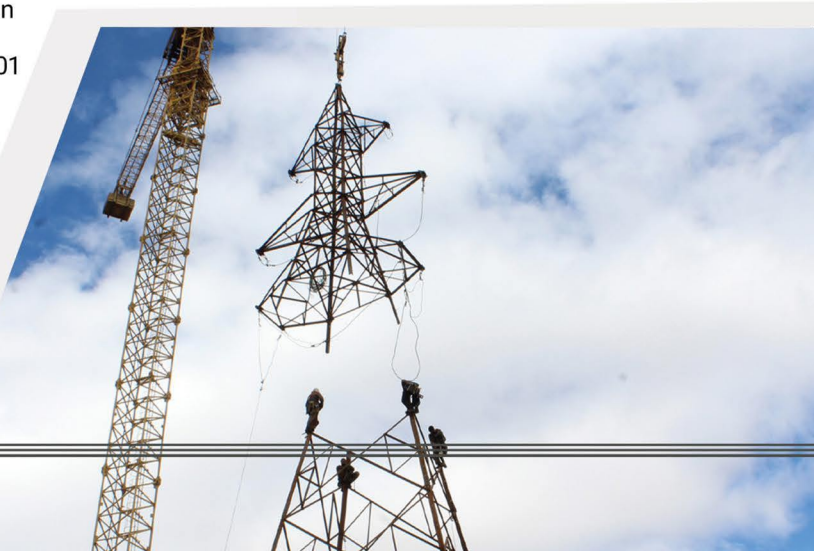
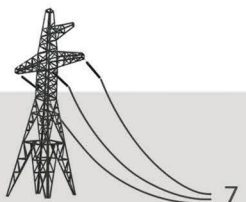


## Design & Engineering

Towerist design and engineering team has performed technical calculations using the expertise of experienced personnel and according to the customer's request, and has prepared workshop plans after obtaining the employer's approval, along with software 3D modeling and refers the issue to the manufacturing and production unit to produce the prototype.

### The main Capabilities Of This Department Are

- Design of lattice, telescopic, radar, roof top, structures, etc
- Design of structural connections
- Preparation of workshop, assembly and production drawings and structure installation
- Preparation of material list, packing list
- Computer confirmation of the mast in 3D before production
- Providing technical documents in accordance with ISO 9001
- Controlling during packing and complying with the packing list and issuing permission to transport








## Manufacturing & Production

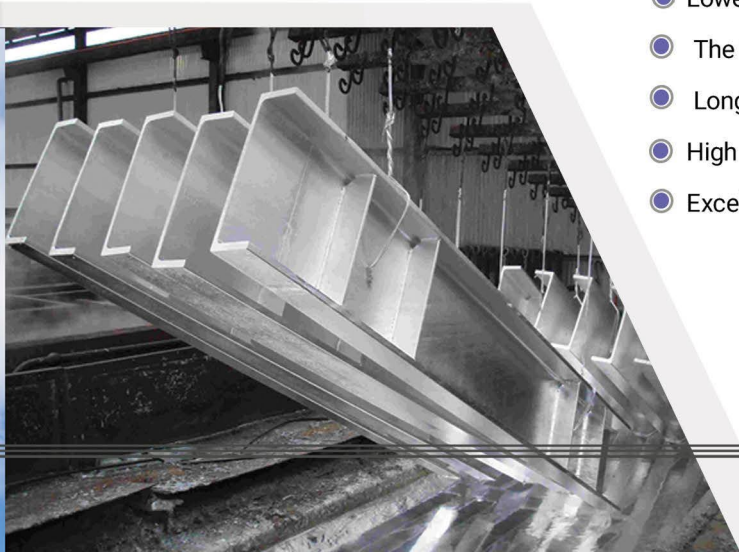
The prototype made at the beginning of each project and final structure is delivered to the installation unit for horizontal or vertical installation according to the work description and to ensure the structural compliance of the prototype. If necessary, the prototype for tensile testing will be sent to an authoritative authority to conduct relevant tests and mass production will begin after obtaining the approval of the employer and the consultant



## Galvanization

The galvanization unit of the Towerist production corporation, by considering the international hot dip galvanizing standards of iron and steel slugs, which is collected, revised and published annually by the American ASTM company, has tried to implement the process of immersing in molten material and quality inspection through monitoring precisely the activities of superficial preparation

-  Lower cost than stainless coating
-  The lowest maintenance cost in the long-term operation
-  Long life
-  High performance and stability of the coating
-  Excellent resistance to mechanical damage

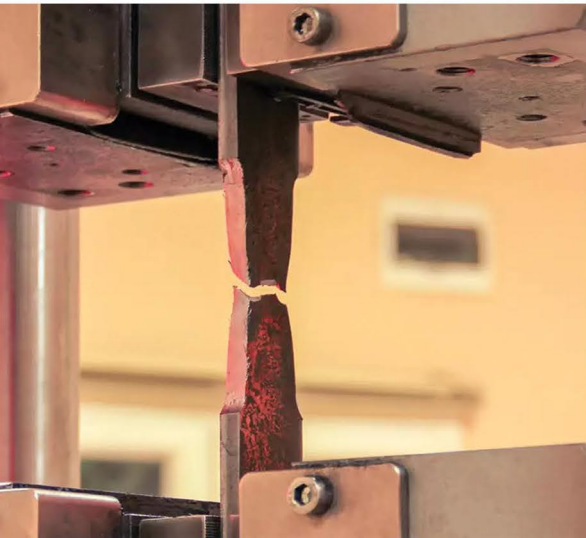






## Quality Assurance And Control

The Quality assurance and control unit is obliged to report the smallest discrepancy to the management directly through pre-arranged forms and issue an order to stop production, if necessary. Towerist compiles and prepares the quality control and assurance program (QCP) before the start of each project.



## Laboratory

In order to ensure the grade and analysis of the raw materials and products all parts, corners, sheets, bolts and nuts, galvanized, undergo routine tests in accordance with DIN, ASTM, GOST standards, in Towerist in-house laboratory.

Stretching, bending, impact, quantometry, cutting, thickness measurement of galvanized coating are performed for all the parts.



## Packaging And Shipping

This department is responsible for counting and packing the parts in the product warehouse according to the packing list received from the design and engineering unit. Before shipment, compliance with the principles of packaging, safety and installation of quality control plates and packing list on each bundle is done, and the cargo is loaded by a crane or forklift on the transport device and sent to the customer's site.



## Research & Development

The R&D department always tries to provide solutions based on the minimum use of resources and maximum productivity, taking into account the needs announced by the employer and studying and investigating the problems and obstacles in the implementation of projects. In this regard, ICB and QENB telecommunication towers with prefabricated foundations are designed and put into operation in order to reduce the speed of implementation and occupied space in the telecommunications industry.



## Health, Safety And Environment (HSE)

Some of the most important goals of this department are to create and improve the level of health and safety culture in the industry. Towerist has been able to establish an integrated management system in the field of health, safety and environment in its group by receiving the HSE-MS certificate. The most important HSE requirements in Towerist factory are:

- The presence of the HSE manager in the workshop
- Logo, signs of work clothes and its material
- Welding and cutting requirements
- Safety requirements for work at height



# Products

**Power Transmission Towers**

**Power Substation Steel Structure**

**Oil & Gas Steel Structure**





# Products



**Telecommunication Towers**

**Fence**

**Antenna bracket**



## Power Transmission Towers

Transmission towers, also known as electricity pylons are designed, manufactured and implemented for electricity transmission from one point to another. They are designed based on the required voltage, its application, available space, weather and atmospheric conditions of the region, etc. The Transmission Towers are tall structures often made of steel and used in high voltage lines to transmit electrical energy and in alternating current and direct current systems. It has many variations in shape (lattice-telescopic-polygon) and many sizes, and its length varies from 15 to 55 meters.



Relying on our designing and engineering capabilities, high-tech Updated production machineries, Towerist is designing and manufacturing lattice power transmission towers from 33kv up to 500kv voltage rate.

We are able to Provide all required raw material in accordance with our customers requirement, as well as our design team instructions, from local and international Sources.

## Distribution lattice and Tubular Poles (Iraqi poles)

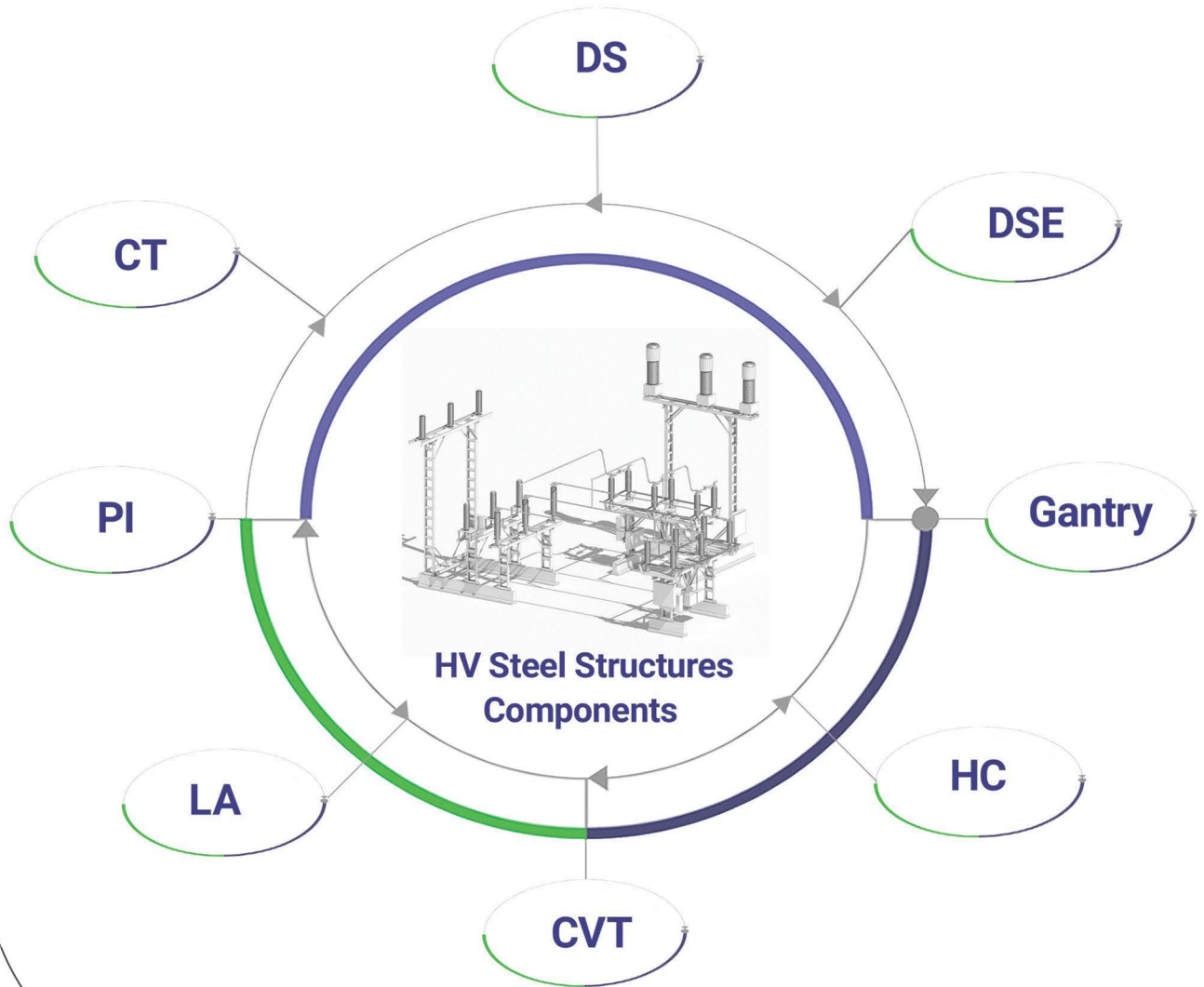
In order to complete the products of its basket, Taurist delivers all kinds of Iraqi mesh and tubular and faceted verticals with a height of 4 to 14 meters and with material grade ST37 and ST52 for bulk production according to the client's order.





## HV Steel Structures Components

Each AIS Substation has several steel structure parts like gantries and HV/MV equipment bases. Designing and manufacturing of such steel structures can be done in Towerist as well.





## Oil and gas Structure

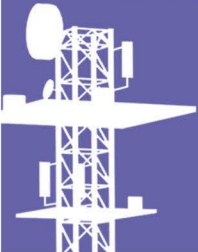
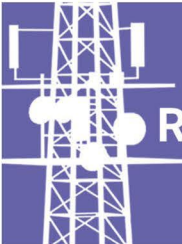
Oil and gas rigs, as vital structures in the energy industry, play a crucial role in the extraction and transportation of oil and gas resources. These rigs are made from high-quality metal materials to withstand harsh environmental conditions such as high pressures, strong winds, and corrosion from atmospheric and chemical factors. The design and construction of these rigs ensure high safety and stability, as any defect or failure can lead to irreparable financial and environmental damage. The use of advanced technologies in the production and engineering processes of these rigs ensures optimal performance and long lifespan.

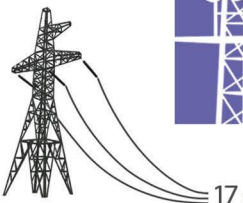
As a manufacturer of metal oil and gas rigs, we leverage an experienced engineering team and modern equipment to design and produce rigs tailored to the specific needs of each project. Our products are customizable based on various geographical and operational conditions, allowing us to provide unique and efficient solutions to our clients. Our commitment to quality and innovation has made us one of the leaders in this industry, and we continuously strive to improve our processes and products to enhance safety and efficiency in the oil and gas industry.



## Telecommunication Towers

Telecommunication Towers to structures that are built as a base for installing various types of antennas to receive and transmit electromagnetic waves. Often, the tower is made of metal materials and in the Lattice of a grid to lighten the tower and reduce its windproof surface. At the same time, sometimes metal telecommunication towers are implemented with non-mesh filled surfaces and sometimes they are built using reinforced concrete. Lattice Tele Towers are designed and built with different geometrical shapes, according to the shape of the transverse and longitudinal sections and the arrangement of their constituent members.

Telecom Tower	Type	Max Height
 <b>Green Filed</b>	NB	48m
	ICB	42m
	WEB/WCS	120m
	QENB	42m
	Mono pole	36m
 <b>Roof Top</b>	Brace Mast	18m
	Guyed MAST	30m
	POLE	15m







## Green Field Towers



Self-standing towers are spatial structures with three or four bases and are usually built with a maximum height of 120 to 180 meters. The structure of these towers is north of the main foundations and cross sections and horizontal restraints. Usually, in towers with a square cross-section (four legs), the angle between the sides of the cross section is 90 degrees, and in towers with a triangular cross section (three legs), it is 60 degrees. These types of masts are designed and produced in different wind surfaces and wind speeds. The pyramidal slope of these types of masts is a maximum of one degree and the mentioned slope can extend to the end section of the mast.



## Roof Top Towers

Guyed towers consist of a body or mast with a triangular, square, or solid circular cross-section that is mounted on a foundation with pin joints.

The components of these towers are made of rod elements with different cross-sections such as can, tube and angle sections, and to ensure the stability of the mast, it is restrained from around by steel cables connected to concrete foundations. For example, the braces are installed along the height of the tower at an angle of 45 degrees to its longitudinal axis in an guyed tower, and each brace has a separate foundation. In another case, a group of braces placed in the same plane are connected to a common foundation. Usually, in this case, the maximum deviation angle of the highest harness is 60 degrees to the horizon





**(TUV)  
GROUP**  
**CERTIFICATE**

The **TUV GROUP** Hereby Certify That

**Towerist Ic Ve Dis Ticaret Limited Sirketi Co.**

Hurriyet Mah, Kestane Sk, No. 5 Kagithane,  
Istanbul, Turkey

has been documented and found to be in accordance of

**Quality Management System**

with the requirements of

**ISO 9001:2015**

Activity Scope

Design & Manufacturing Towers for Power Transmission,  
Telecommunication, Oil and Gas Industrial

Issue date: 01-May-2024 Expiry date: 01-May-2027  
Certificate No. 11-64084202-TR

Authorised Signature

This certificate is valid only for the above mentioned address and scope.  
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Istanbul, Turkey

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**Occupational Health & Safety Management System**

with the requirements of

**ISO 45001:2018**

Activity Scope

Design & Manufacturing Towers for Power Transmission,  
Telecommunication, Oil and Gas Industrial

Issue date: 01-May-2024 Expiry date: 01-May-2027  
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Istanbul, Turkey

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**Health , Safety and Environmental Management System**

with the requirements of

**HSE-MS**

Activity Scope

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Telecommunication, Oil and Gas Industrial

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Istanbul, Turkey

**has been documented and found to be in accordance of**

**Integrated Management System (IMS)**

with the requirements of

**ISO 9001:2015 & ISO 14001:2015 & ISO 45001:2018**

Activity Scope

**Design & Manufacturing Towers for Power Transmission,  
Telecommunication, Oil and Gas Industrial**

Issue date: 01-May-2024     Expiry date: 01-May-2027

Certificate No. 18-64084202-TR

Authorised Signature

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Please check the certificate number and expiry date, you can verify this certificate at  
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Hurriyet Mah, Kestane Sk, No. 5 Kagithane,  
Istanbul, Turkey

**has been documented and found to be in accordance of**

**Environmental Management System**

with the requirements of

**ISO 14001:2015**

Activity Scope

**Design & Manufacturing Towers for Power Transmission,  
Telecommunication, Oil and Gas Industrial**

Issue date: 01-May-2024     Expiry date: 01-May-2027

Certificate No. 12-64084202-TR

Authorised Signature

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**ISTANBUL TICARET ODASI  
FAALİYET BELGESİ (SİCİL KAYIT SÜRESİ)**

SİCİL NO	1 331024	TARİH	27.03.2024
MERSİS	0896200066000000		
FİRMA	1 TOWERIST IC VE DIS TICARET LIMITED SIRKETI		
ADRES	1 HURRIYET MAH. KESTANE SK. NO: 5 KAGITHANE		
FAALİYET KONUSU	1 Enerji ve/veya elektrik, telekomünikasyon kuleleri inşaatı ve/veya diğer enerji sektörü ile ilgili diğer işler, her türlü enerji iletim hatları, kuleleri, tesisleri ve tesisler ve diğer enerji sektörüyle ilgili diğer işler. Enerji iletim hatları, kuleleri, tesisleri ve tesisler ve diğer enerji sektörüyle ilgili diğer işler. Enerji iletim hatları, kuleleri, tesisleri ve tesisler ve diğer enerji sektörüyle ilgili diğer işler. Enerji iletim hatları, kuleleri, tesisleri ve tesisler ve diğer enerji sektörüyle ilgili diğer işler. Enerji iletim hatları, kuleleri, tesisleri ve tesisler ve diğer enerji sektörüyle ilgili diğer işler.		
DERESESİ	1		
SERMAYE	1 1.000.000,00 TL		
ODK KAYIT TARİHİ	1 28.03.2024		
MESLEK GR	1 44 ALTYAPI INŞAATÇI		
NACE KODU	1		
42.22.06	1 Elektrik enerjisi iletim hatları inşaatı		

BU BELGE ODA KAPIDİTAL OLARAK UYUMUNUZUN YAZILI DENETİM TALİMİ ÜZERİNDE VERİLMİŞTİR.  
ÜZERİNDE TAHRİFAT YAPILAN BELGELER GEÇERLİDİR.

561236337



444 0 486 / [www.oda.org.tr](http://www.oda.org.tr) / [info@oda.org.tr](mailto:info@oda.org.tr)  
\* Bu belgeyi [www.oda.org.tr](http://www.oda.org.tr) adresinden e-belge olarak alabilirsiniz.

## **Some power transmission towers projects**

### **HV Component Steel structure**

**Date: 2023**

**Employer : Arsal Tavan Co**

**Contract Type: EP**

**TW: 615**

### **132 KV Lattice towers**

**Date: 2021-2020**

**Employer : BEE**

**Contract Type: EP**

**TW: 1030**

### **400 KV Lattice towers**

**Date: 2024**

**Employer : Sunir**

**Contract Type: P**

**TW: 634**







### **63 KV Lattice towers**

---

**Date: 2022**

**Employer : Kayson**

**Contract Type: EP**

**TW: 2976**



### **220 & 500 KV Lattice Towers**

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**Date: 2019-2017**

**Employer : INTERCHILE S.A**

**Contract Type: EP**

**TW: 8508**



### **330 KV Lattice Towers**

---

**Date: 2019-2017**

**Employer : ENERGO**

**Contract Type: EP**

**TW: 2380**



## Some projects of telecommunication towers



### Lattice NB Towers

Date: 2021

Employer : MCI

Contract Type: EP

TW: 8540



### Lattice WB-3legged Towers

Date: 2022

Employer : Sashiraz

Contract Type: EP

TW: 1075



### Lattice WB-3legged Towers

Date: 2022

Employer : Sashiraz

Contract Type: EP

TW: 1190







### **Self Support Towers**

---

**Date: 2011-2012**

**Employer : Optic Industries**

**Contract Type: EP**

**TW: 1800**



### **ICB Towers**

---

**Date: 2016-2017**

**Employer : Righte**

**Contract Type: EP**

**TW: 950**



### **Lattice NB Towers**

---

**Date: 2020**

**Employer : NAK**

**Contract Type: EP**

**TW: 1550**



## Typing tests

### Lattice 230 KV

Date: 2023

Name of project:

Suburban water transmission  
line of Tabriz

Location: AM

### Lattice 63 KV AA

Date: 2023

Name of project: 64 km of  
Transmission line South Isfahan

Location: IR

### Lattice 230 KV

Date: 2021

Name of project:

230 KV of Transmission line

Location: IR

### Lattice 132 KV

Date: 2021

Name of project:

25 km of Transmission line East Semnan

Location: IR

### Lattice 500 KV @ 8 Types

Date: 2016

Name of project:

INTERCHILE'S OBRAS NUEAVAS

STT DS 115-2011

Omotosho-Erucan

Location: CL

### Lattice 132 KV

Date: 2020

Name of project:

Solaymaniyah Cement Factory

Location: IQ







## Lattice 330 KV

Date: 2019

Name of project:  
Omotosho-Erucan

Location: NG



## Lattice 220 KV @ 5 Types

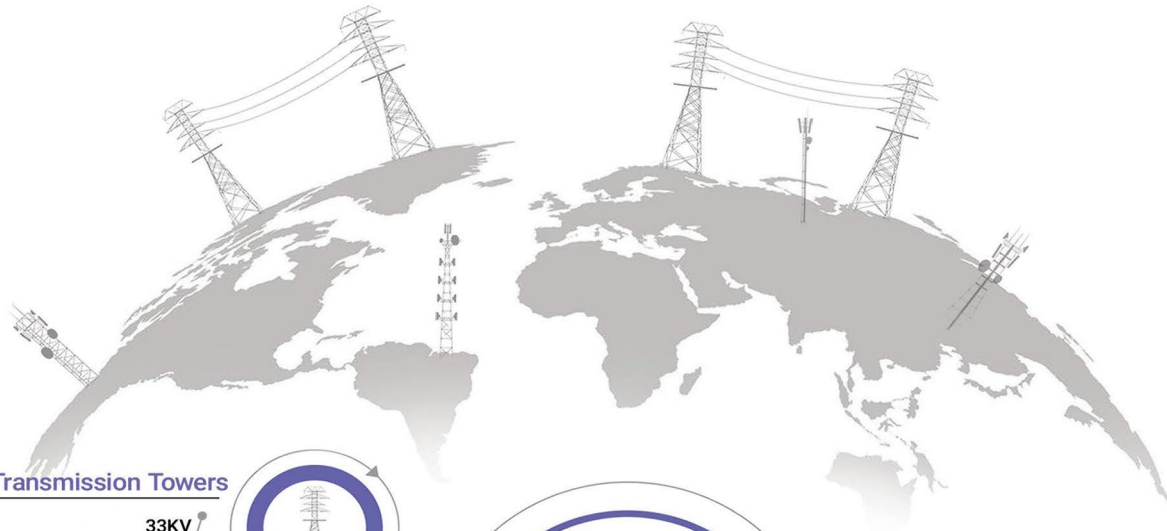
Date: 2014

Name of project:  
INTERCHILE'S OBRAS NUEAVAS  
STT DS 115-2011

Omotosho-Erucan

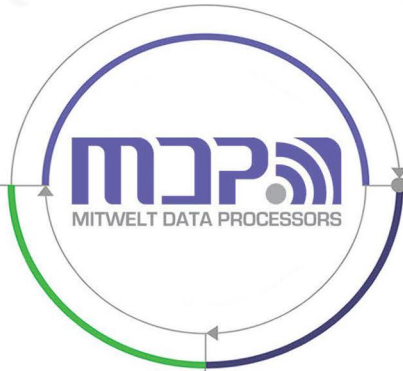
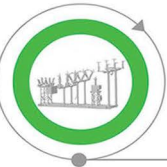
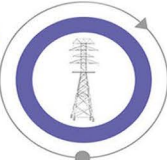
Location: CL



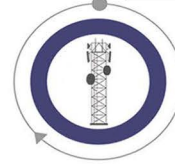


**Power Transmission Towers**

- 33KV (A-B-C-E)
- 63KV AA-NN-CC
- 132KV HS-MS-S2EM-T30-T60
- 230KV DC-HS-LS-T2
- 400KV LA-LS-HT-HS-DS-DT-LT
- 500KV
- 765KV



**Telecommunication Towers**



**Power Substation Components**

- Equipment base
- Gantry
- Capacitor bank structure
- Control building structures

**Green Field**






- NB
- ICB
- WB/WCS
- QENB
- Mono Pole

**Roof Top**

- Brace Mast
- Guyed Mast
- Pole



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 (+44) 77 74 66 21 82  
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**TOWERiST**

**Power Transmission  
& Telecommunication**

**Towers Manufacturer**

