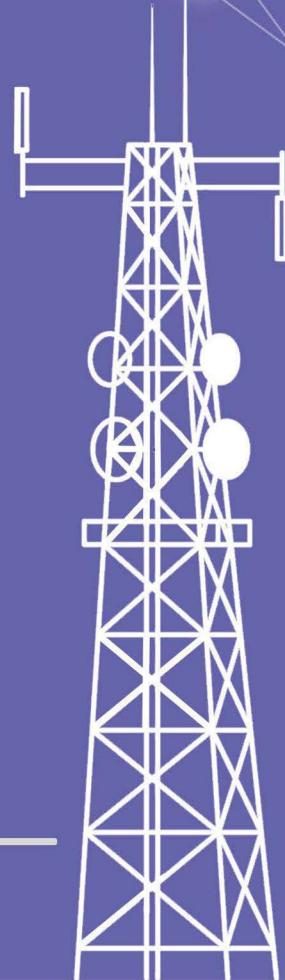




TOWERiST

**Power Transmission
& Telecommunication**

Towers Manufacturer



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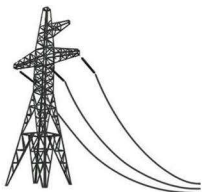
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Introduction

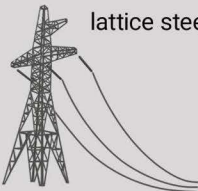


General Introduction

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

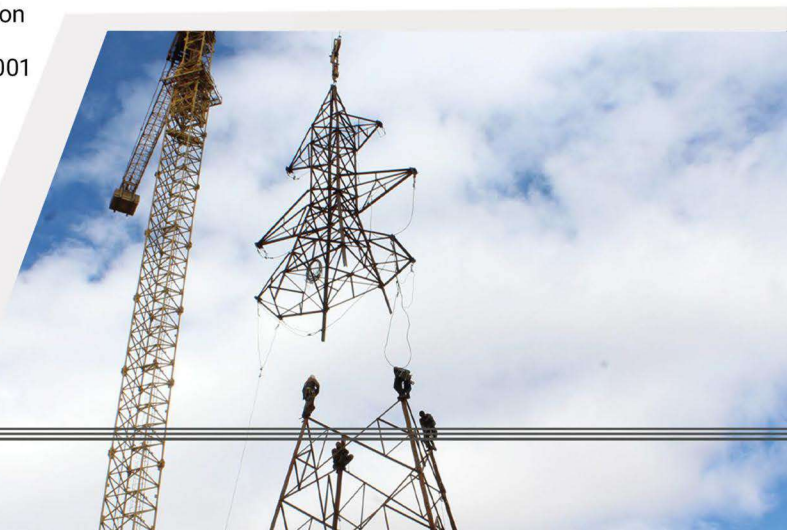
Towerist design and engineering team has performed technical calculations using the expertise of experienced personnel and according to the customer's request, and has prepared workshop plans after obtaining the employer's approval, along with software 3D modeling and refers the issue to the manufacturing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



7








Manufacturing & Production

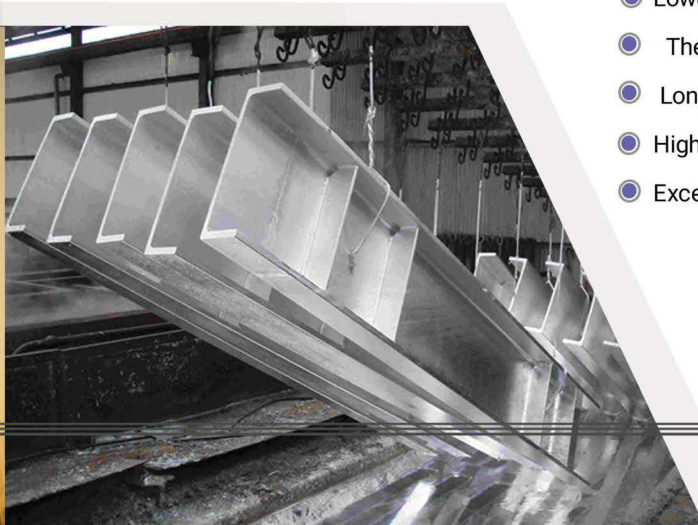
The prototype made at the beginning of each project and final structure is delivered to the installation unit for horizontal or vertical installation according to the work description and to ensure the structural compliance of the prototype. If necessary, the prototype for tensile testing will be sent 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

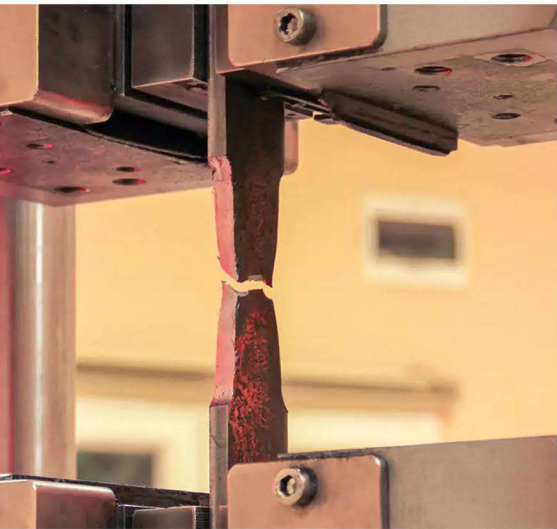
-  Lower cost than stainless coating
-  The lowest maintenance cost in the long-term operation
-  Long life
-  High performance and stability of the coating
-  Excellent resistance to mechanical damage





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

Telecommunication Towers

Power Substation Steel Structure

Oil & Gas Steel Structure

Power Transmission Towers

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)

This product is highly demanded in Iraq which is our neighbor target market, that's why it's called Iraqi poles.

Towerist is manufacturing lattice and tubular Poles with the sizes of 9,11 and 14 meters height and made of ST 52 material.



Steel Structures

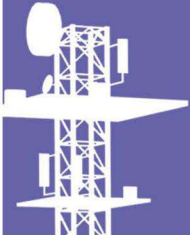
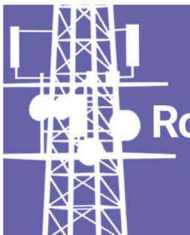
Each AIS Substation has several steel structure parts like gantries and HV/MV equipment bases.

Designing and manufacturing of such steel structures can be done in Towerist as well.





As Towerist first and main Products, Telecommunication towers in various types such as:

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

Are designing, manufacturing and galvanizing in Towerist Company.

We are well-known in designing towers, while lightening them and reducing their windproof surface, keeping standard considerations for their stability and resistance.



TeleTowers(Special Types)

Since all Telecom operators are willing to have their tower easier and faster, since each day earlier lunch can make more benefit for the operators, since Towerist always thinks to its customer satisfaction and happiness, Towerist has designed and manufactured two fast-installed teletowers as:

ICB

Towers with prefabricated foundations, nicknamed ICB, refer to three or four-sided self-standing towers that are installed on prefabricated foundations. For the foundation of these towers, pre-made flat concrete parts are used, which are assembled and connected at the unloading site.

The pyramidal slope of these types of towers is a maximum of one degree and the mentioned slope can extend to the end section of the tower. The minimum number of Precast foundation layers for the lightest type of these towers is 4 layers with a thickness of thirty centimeters. Eliminating the time of reinforcement and fixing the foundation, significantly reducing the small parts of the tower, reducing the deviation of the beams, and the high speed of erection are among the special features of this type of towers.



QENB

Ultra-slim self-standing towers are referred to as towers that have 3 or 4 legs or more, and the legs are connected with bracing members, and no restraints or handles are used for its stability. They are used for installing microwave antennas, mobile antennas, surveillance and wireless cameras.

The foundation of these towers must be implemented as a buried section and it has the ability to install the foundation and tower in less than six hours.

The maximum distance of bases for towers with different heights are as follows:

- For towers with a height of 42 meters, it should be at most 1.6 meters.
- For towers with a height of 36 meters, it should be at most 1.5 meters.
- For towers with a height of 30 meters, it should be at most 1.4 meters.

Note: The values mentioned for the width of the bases can be ± 300 meters different.

QENB Towers Domain of Usage

These types of towers are suitable for areas that have limited space due to municipal requirements or the possibility of hindering implementation due to their narrower cross-section than NB self-standing towers and also the ability to quickly install them in QENB towers.

The use of QENB Towers is allowed only as an executive solution in special conditions and on a case-by-case basis, taking into account all structural, geotechnical and environmental parameters, and the use of this type of rig in mass volume is not allowed. Otherwise, it is strongly recommended to use ICB towers.

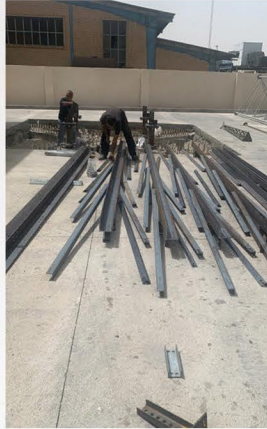


Oil and gas Structure

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 tower project

Date: 2020

Description: 40*NB 42-48m

161*NB 30-48m

9*ICB 36-42m



Telecommunication tower project

Date: 2021

Description: 210*NB 48m

40*BM12

40*QENB 36-42m





Power transmission tower project

Date: 2020

Location: Iraq

Description:

1030 tons

132KV of power transmission tower



Power transmission tower project

Date: 2019

Location: Afghanistan

Description:

2815 tons

230KV of power transmission tower



**(TUV)
GROUP**
CERTIFICATE

The **TUVGROUP** 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.
Please check the certificate number and expiry date, you can verify this certificate at
www.tuvgroupcenter.com
info@tuvgroupcenter.com

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Hurriyet Mah, Kestane Sk, No. 5 Kagithane,
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,
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info@tuvgroupcenter.com

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with the requirements of
HSE-MS
Activity Scope

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info@tuvgroupcenter.com





İSTANBUL TİCARET ODASI
ODASE

İSTANBUL TİCARET ODASI
FAALİYET BELGESİ (SİCİL KAVIT SURETİ)

SİCİL NO : 1 3504214 TARİH : 27.03.2024
MERSİS : 1 09003206900002
FİRMA : TOWERIST IC VE DIS TICARET LIMITED SIRKETI
ADRES : HURRIYET MAH. KESTANE SK. NO:5 KAGITHANE

FAALİYET KONUSU : Enerji ve/veya elektrik, telekomünikasyon kuleleri ve diğer yapılar için enerji sistemleri, elektrik tesisleri, enerji iletim hatları, enerji dağıtım tesisleri ve diğer enerji tesisleri. Enerji iletim hatları ve güç sistemleri, sistemler, parçaları, aksesuarları ve diğer telekomünikasyon kuleleri, güç sistemleri, enerji iletim hatları, enerji dağıtım tesisleri ve diğer enerji tesisleri. Enerji iletim hatları ve güç sistemleri, sistemler, parçaları, aksesuarları ve diğer telekomünikasyon kuleleri, güç sistemleri, enerji iletim hatları, enerji dağıtım tesisleri ve diğer enerji tesisleri.

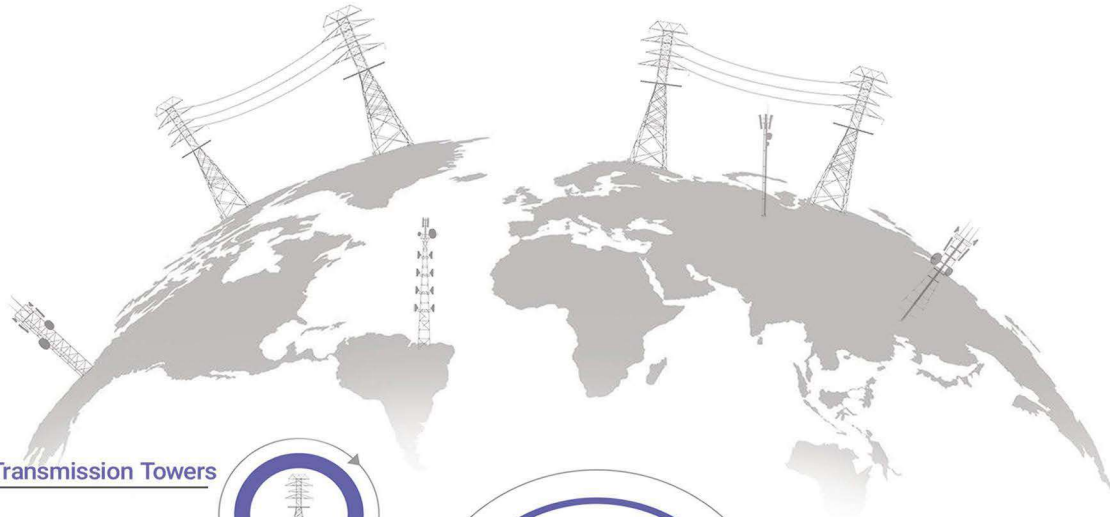
SERMAYE : 1 1000000000 TL
ODA KAVIT TARİHİ : 1 26.03.2024
MERSİS GR : 1 44 4470017854071
TACEK NO/SU : 1 42.02.24

BU BELGE ODA KAYIT FAAL OLAN YUKARIDA UNVANI YAZILI ÜYENİN TALEBİ ÜZERİNE VERİLMİŞTİR.
UZERİNDE TAHRİRAT HATLARI BELGELERİ GEÇERLİDİR.

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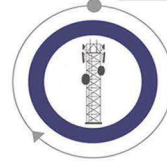
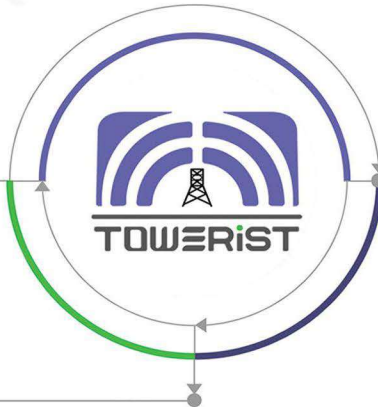
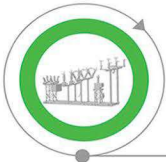
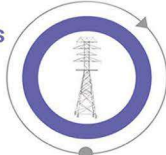
HURRIYET MAH. KESTANE SK. NO:5 KAGITHANE
İSTANBUL TİCARET ODASI
ODASE

444 8 085 100 veya 07 232 00 00 00 | İstanbul merkezli
* Bu belgeyi www.tuvgroup.tr adresinden de kontrol edebilirsiniz.



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



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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