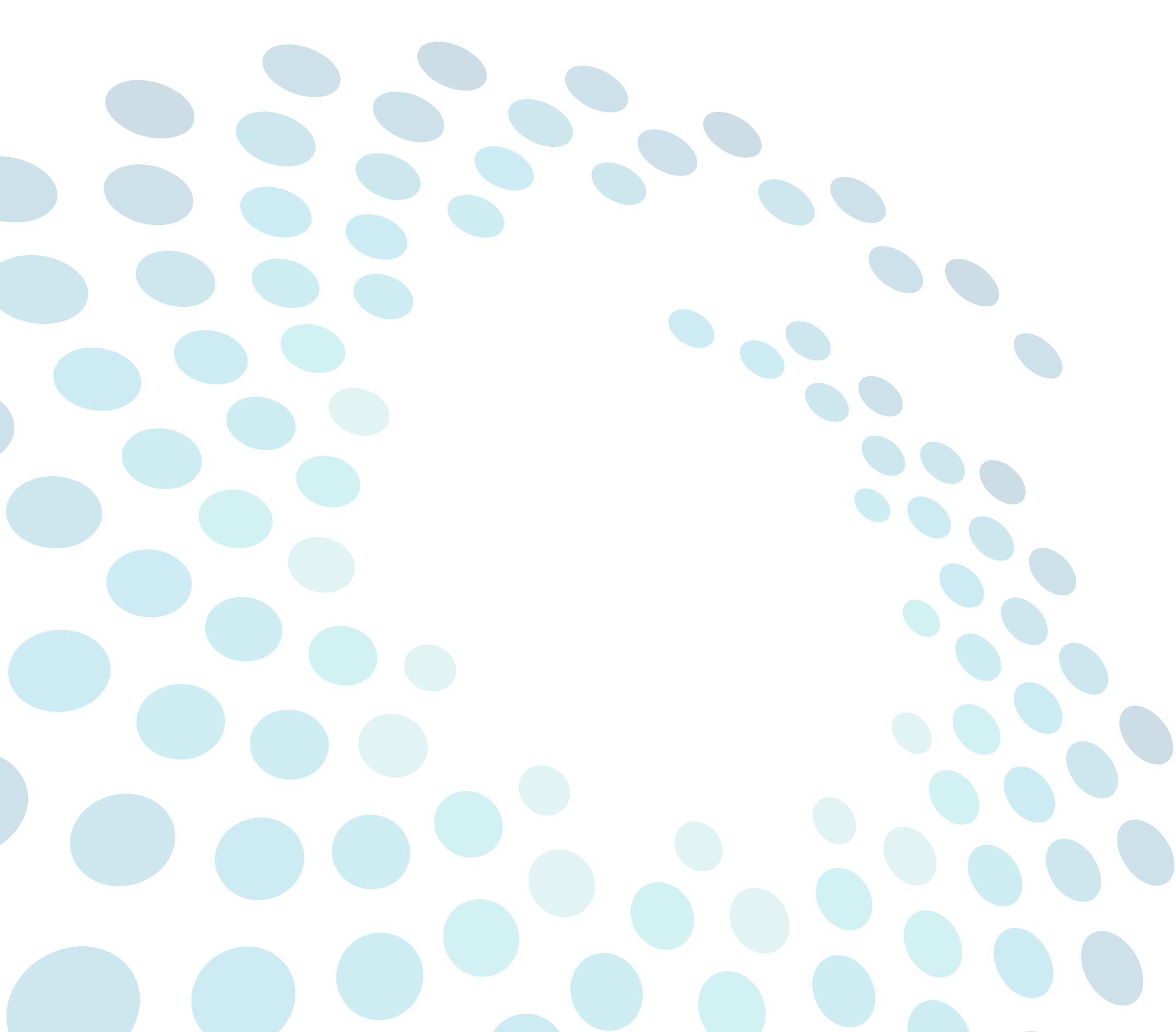




ÇEPAS
Gonvarri Group



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Global Solutions to Local Dynamics

This World is our home. We work to protect it and respect the natural resources. We shape the steel to add power to the power of life. We care about our bright future and manufacture to enlighten the life.

Because we appreciate the value of the Earth every passing day.

A company, the job of which is the life itself...

Having started production in 2003, Çepaş has brought its extensive knowledge and experience to the point where it will make an indelible impression not only in Turkey but also in many countries of the world. While gradually increasing its marketing activities oriented to national and international market, Çepaş merged completely with the Gonvarri Group, one of the important actors in the sector, and made its current strength even stronger.

Çepaş, promises a world-class production to its business partners with its service quality as well as the product quality. It supports this quality understanding it stood by with the quality laboratory it comprised. In Çepaş Quality Laboratory, input material or product quality is evaluated and verified according to customer expectations and specifications. The laboratory serves at the top level and with the highest reliability in the tests within it to meet customer requirements.

Today, Çepaş is the pioneer company that contributes to Gonvarri's leading position with its day by day increasing investments, sustainability policy, importance given to work safety and human health, respect for the environment and indispensable values. It has become a preferred brand in the Third Airport, Third Bridge and Eurasia Tunnel projects, which will become the brands of Turkey.

Çepaş Gonvarri Group is proud to take part in Turkish and global projects with its dynamic team and confident vision of future.



A world leader in its sector ... GONVARRI GROUP

With the agreement signed in 2013, Çepaş has stepped up its partnership with the Spanish giant Gonvarri Group and it has become 100% Gonvarri Group member as of 2018. Thus, Çepaş's local power combined with global knowledge.

With more than 50 years of experience, Gonvarri produces a wide assortment of products under six business lines: Automotive, Road Safety, Energy, Storage, Mecano, Solar Steel and Industry. It provides services with more than 140 steel service centers, in 25 countries with more than 35 thousand personnel.

Çepaş Production Fields

*Putting the product and service quality to the center
from the beginning to delivery*

- Road Safety & Guardrail Products
- Solar Energy Steel Construction
- Energy Transmission & GSM Towers
- Lighting & Transmission Poles
- Hot-Dip Galvanized Coating
- Steel Construction





ROAD SAFETY Guardrail Products

*We Put Your Safety
To Our Focal Point*



The necessity of highway guardrails, designed for maximum road safety, minimum damage accidents and for protecting the drivers, vehicles and pedestrians, is now recognized worldwide. The preparation of a safe driving environment is so important that it can not be denied when the value of human life is considered.

Çepaş guardrails are manufactured in serial production according to globally and nationally recognized EN 1317 standards, passed crash tests and received CE certificate. All our products are subjected to hot dip galvanizing process in EN ISO 1461 standards.

Çepaş Road Steel, is able to provide turnkey solutions including design, manufacture and installation together. All products have performed well and successfully passed the crash tests from category N2 to H4M.

Since it's establishment, Çepaş has produced **over 20.000 km guardrails** for Turkish and international authorities within the 15 years, thus our experience and knowhow provide us strength and reliability. Since 2013, a part of **Gonvarri Road Steel**, we continue to manufacture and install Road Safety and Guardrail Systems through out the world in addition to other factories of in different countries, and capable of providing global assistance.





GONVARRI ROAD STEEL & ÇEPAŞ GONVARRI ROAD SAFETY & GUARDRAIL PRODUCTS

- Normal Protection Level Steel Guardrails
- High Protection Level Steel Guardrails
- Portable Guardrail
- Motorcycle Protection Systems
- High and Very High Protection Level Bridge Protection Guardrails
- Aesthetical Guard Rails
- "AIR" Directional Crash Cushion
- "HA-500" Pitches





SOLAR STEEL STRUCTURES

Rising the Sun from Steel



While the natural resources of the world show decrease vitally day by day, choosing sun as an infinite energy source is our duty to the future. For this reason, **Gonvarri Solar Steel** manufactures in several plants based in Spain, Mexico, Colombia as well as Çepaş in Turkey; and it provides a healthy and infinite energy source to the entire world.

Having the experience of completed projects worldwide over **8000 MWs** and **280 MWs** in Turkish market allows Solar Steel to offer full mechanical package service including Design, Manufacturing, Supply and Installation for the steel structure solutions.

Having close business relationship with its customers, she focuses on determining the most 'cost-effective' and 'improvable' manufacturing solutions for designing new structures depending on R&D resources. Solar Steel prioritizes high level of reliability for projects around the world.

Çepaş Gonvarri Group is proud to complete the first licensed Photovoltaic Power Station of Turkey in Elazığ.





SOLAR STEEL SOLAR ENERGY BUSINESS SOLUTIONS

- Single axis solar tracker systems (Solar Tracker®)
- Parking shelter Solar Steel structures
- Fixed angle Solar Steel PV mounting systems with or/and without concrete foundation (With the options of concrete foundation or underground foundation solutions)
- Roof-top Solar Steel systems

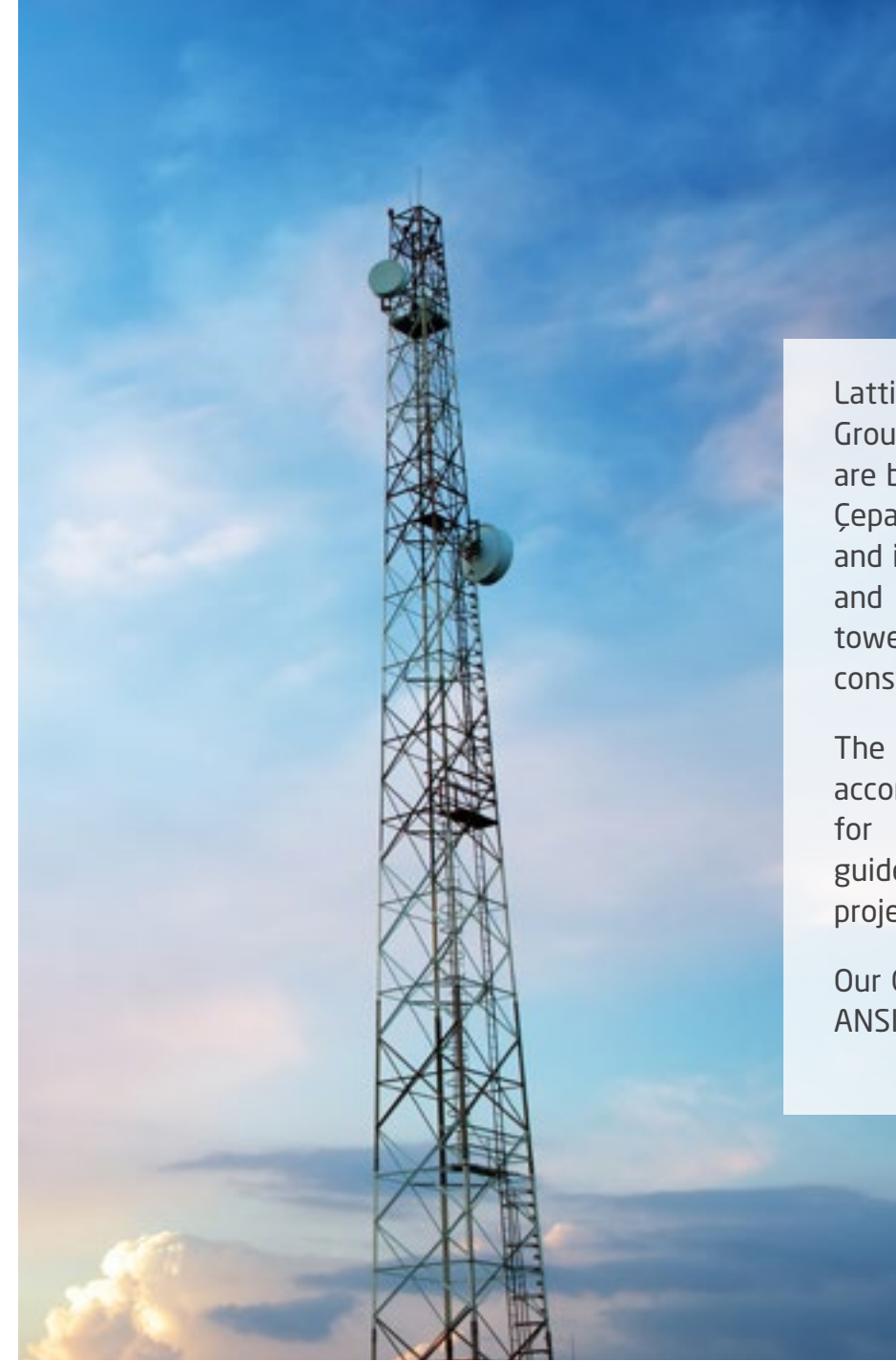




Lattice Towers
By **Gonvarri**
Steel Services

LATTICE ENERGY TRANSMISSION & GSM TOWERS

Transmitting the Energy to Life



Lattice towers, manufactured by Çepaş Gonvarri Group facilities in addition to Colombia Gonvarri, are becoming popular and preferred in the world. Çepaş Gonvarri is capable of performing domestic and international shipments in addition to design and production of overhead transmission line towers up to 400 kV, GSM towers and steel construction for switchyards.

The production of lattice towers is carried out in accordance with TEDAŞ and TEİAŞ specifications for domestic market. We are following the guidelines of international standards and regional project qualifications for international market.

Our GSM towers are designed in accordance with ANSI/TIA-222 specifications.





ÇEPAŞ GONVARRI GROUP LATTICE TOWER PRODUCTS

- Energy Transmission Line Towers
- Energy Distribution Line Towers
- Switchyards
- GSM Towers

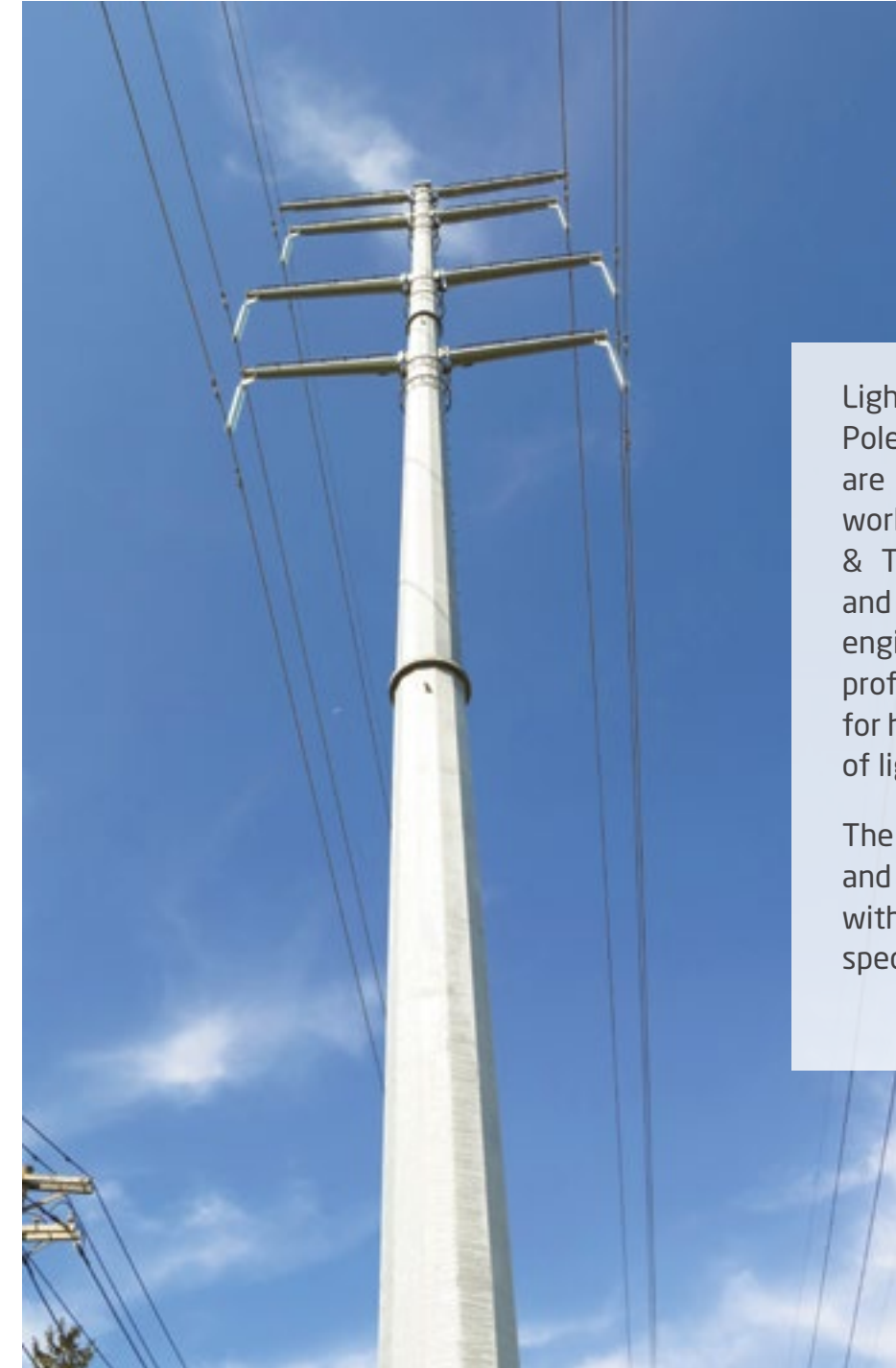




Lighting Poles
By Gonvarri
Steel Services

LIGHTING & TRANSMISSION POLES

Enlightening the Life...



Lighting, Projector, Transmission and Distribution Poles, manufactured by Çepaş Gonvarri Group are becoming more popular and preferred in the world. Çepaş is capable of performing in Polygonal & Tubular Pole Projects both within domestic and international markets with its experienced engineering, design and production team. The proficiency to produce and apply elevator systems for high masts enables us to provide a wider range of lighting solutions.

The production of Lighting, Projector, Transmission and Distribution Poles is carried out in accordance with the international and domestic standards & specifications.





ÇEPAŞ GONVARRI GROUP POLE PRODUCTS

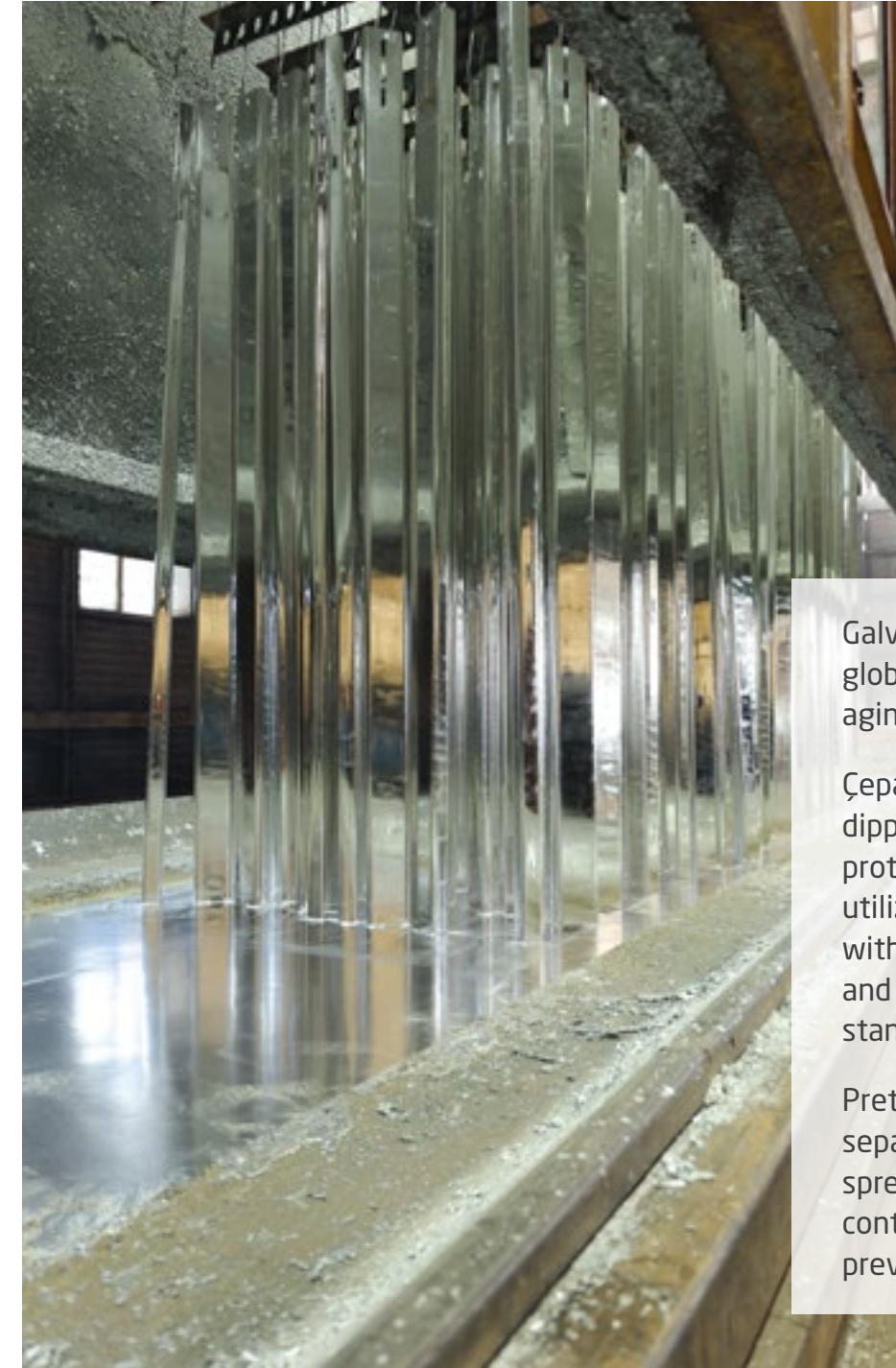
- Lighting Poles
- Stadium Lighting Poles
- High Masts
- High Masts with Raising and Lowering Elevator System
- Transmission & Distribution Poles
- Round Conical Lighting Poles
- Catenary Poles
- Tramway & Cable Car Poles
- Advertisement Poles
- Flag Poles
- Traffic Signalization Poles & Gantries
- Custom Design Poles





HOT-DIP GALVANIZED COATING

*Proven Durability with
Galvanization*



Galvanize coating process has demonstrated global success of providing durability against aging and corrosion of steel.

Çepaş has years of experience especially in hot dipped galvanize coatings. With the principle of protecting human health and environment, it utilizes a fully automated galvanizing system with the pool dimension of 12.5 x 1.6 x 3 meters and produces in accordance with international standards including TS EN ISO 1461 and ASTM.

Pretreatment and galvanization areas are separated from each other and Zinc dust do not spread around in the galvanization process, thus contact of the employees with these materials is prevented.





STEEL CONSTRUCTION

Your Partner in Shaping Steel



Çepaş Gonvarri Group focuses on service quality by closely following all developments in the sector, starting from the static analysis till the end of project execution.

ÇEPAŞ GONVARRI GROUP STEEL CONSTRUCTION PRODUCTS

- Pedestrian Overpasses
- Pedestrian Guardrails
- Traffic Information & Signalization Signboards
- City Surveillance Poles and Gantries
- Factory Buildings
- Warehouses
- Sports Facilities
- Roof Trusses
- Architectural Steel Structures
- Toll Collection Facilities



QUALITY

Quality Policy

It is our quality policy to provide reliable, competitive products and services to our customers QUALITY is a part of our corporate culture & **GONVARRI** is the other name of **QUALITY**.

One of the fundamental values of Çepaş Gonvarri Group is to improve efficiency of the Quality Management Systems within. Consequently, we are motivating our team members to embrace and be loyal to the quality related subjects.

Certificates and Documents







Quality Laboratory

In Çepaş Gonvarri Group's Quality Laboratory, the input material or product quality is evaluated and verified according to customer expectations and specifications.

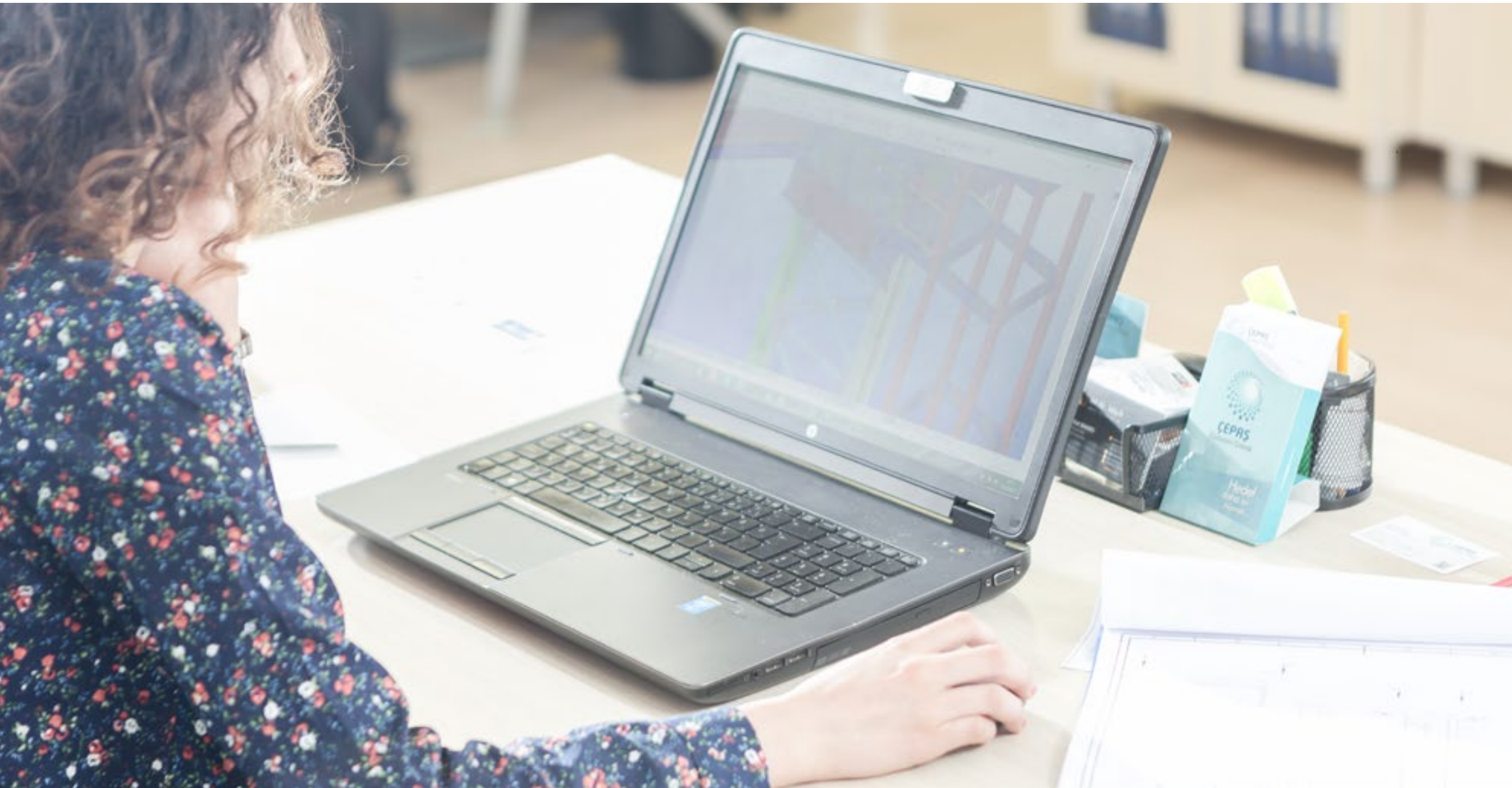
We aim to serve at the top level with highest reliability to meet the needs of our customers. Through our laboratory tests we are able to serve our customers' needs at the top level and with high reliability.

Below test are carried out for reliable production quality:

- Tensile tests
- Micro and Macro Section Analysis (coating thickness analysis, welding analysis, etc.)
- Ultrasonic tests
- 3D Dimensional measurements
- Spectrometric Analyses
- Preece Tests
- Galvanize chemicals tests
- Galvanized process pools quality analysis

These examinations are done in a rapid and reliable manner in our laboratory, and their results are documented.





Engineering & Design

We provide engineering services specialized in detailing and designs by using state-of-the-art technology software programs such as PLS Tower, PLS CADD, PLS-SPole, SAP 2000, AutoCAD, Solidworks, Tekla - Xsteel and CYPE 3D.







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