

*Always
one step
ahead..*







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TEST MAKİNA

About Us

With over 34 years of experience, Our company is rapidly advancing towards becoming one of Turkey's leading industry, infrastructure and manufacturing companies. Since the day it was founded, our company has set itself the goal of gaining customer pleasure in the projects it has completed. The continuity of this goal is the biggest sign of our success.

With our expert staff and experience, we are at your side with detailed solutions for the field that will minimize your costs. We continue our projects with an understanding that values people without sacrificing occupational health and safety.

With our effort to add value in line with a target of any scale, our experience in different fields, our high motivation, our increased working capacity by every day, our harmony with modern technology, we aim to take our place as the leaders of the sector.

Our company, which grows stronger as a successful and reliable institution, is **ALWAYS ONE STEP AHEAD...**





VISION, MISSION AND VALUES



Our Vision

To be one of the most innovative companies in the field of Engineering, Mechanical and Construction, serving worldwide.



Our Mission

To provide the best service with a modern understanding without compromising on quality and work safety.

Our Values

Quality, Honesty, Dignity

It is our commitment to deliver all projects error-free and on time, to produce solid and qualified work, and to produce the most reliable products and services. While performing these, honesty, integrity and consistency are never concessioned. It is our most indispensable principle to work non-stop as much as we can, to aim for high success and to always reach further.



Social Benefit

With the awareness that we are a part of the society, we take care to ensure that the company goals and the interests of the country and society are in harmony. In order to create a sustainable future, we search for our obligations with the awareness of social duty and fulfill them in the most beneficial way.



Innovation

We create our future by carefully placing contemporary and progressive approaches on the foundation of our deep-rooted and permanent values. We work to make visible contributions to our employees, business partners and customers with our constantly learning and developing structure.



Honesty

In all our activities, we act in accordance with the relevant laws and regulations and internationally accepted ethical values without exception, and we do not concession our honesty.

OCCUPATIONAL HEALTH AND SAFETY

As we are Test Makina®; we work for occupational safety, health and well-being of employees, take precautions and make continuous improvement for this purpose we follow best practices examples of world and in our country. Prevention of work accidents and occupational diseases, We are constantly restructuring our behavior and culture with the vision of zero accident for health promotion and disease.



- ✓ Taking all kinds of measures proactively with a positive OHS culture approach.
- ✓ Evaluating the issue that may turn into an accident with near-miss forms, taking action and following up
- ✓ To make the working environment conditions of the employees and the people in the institution more suitable with the corrective action method
- ✓ To ensure that not only the employees but also all people serving Test Makina use personal protective equipment and take precautions
- ✓ Considering every step of life, beyond legal and other requirements, to increase the number of certified first aid personnel on a voluntary basis and to provide regular first aid awareness trainings throughout our institution.
- ✓ Making risk assessment, taking necessary precautions and keeping these studies up to date.
- ✓ Starting the day with the motto of zero work accident, taking all necessary precautions for this
- ✓ To apply the work permit procedure in all works (including the contractor) performed in our institution that require work permits.
- ✓ To keep the employees and emergency teams ready for emergency situations and to provide training all them every year.

OUR ACTIVITY AREAS

Success belongs to who believe it



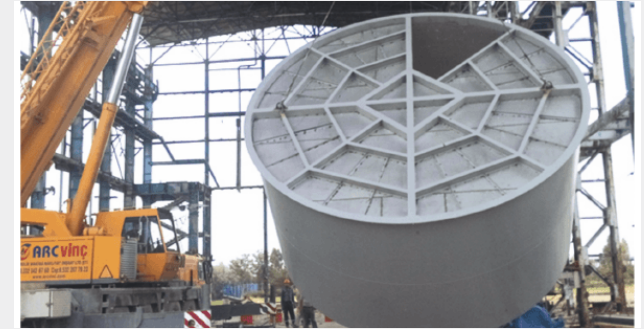
POWER PLANT

We, as Test Makina; We do the mechanical assembly and coupling adjustment of the gas turbine, steam turbine, condenser, air intake, HRSG Boiler etc. equipments as well as the industrial piping and manufacturing of the natural gas power plants and solid fuel power plants with our experienced staff.



DAM AND HYDROELECTRIC POWER PLANT

Turbine, distributor pipes, penstock pipes, dam cover manufacturing, assembly and welding as well as all mechanical operations for hydroelectric power plants and dam projects are carries out by us.



PRESSURE VESSELS

In line with the demands of our business partners, the assembly and welding processes of pressurized acid tanks, gas tanks, acetylene tanks and vessels containing harmful gases are carries out within the scope of relevant regulations and necessary occupational health and safety measures.



STEEL CONSTRUCTION

Our company, which is solution-oriented and can produce instant solutions to projects, provides advantages to its business partners with its workshops in Samsun, Konya, Trabzon and Istanbul.

In this context, we provide industrial piping services in addition to all kinds of steel construction manufacturing, assembly and welding operations, capacity increase projects, auxiliary productions for process activities, machinery, team and equipment support.



PIPELINE AND NATURAL GAS

With over 34 years experience, Our company in order to ensure that natural gas, which is indispensable for human comfort, reaches homes safely, manufactures high and medium pressure steel main lines, low pressure polyethylene distribution lines, service lines and service box installations.

In addition, which belongs to costumers RMS-B(Reducing Metering Station Type-B) and RMS-C(Reducing Metering Station Type-C) assembly, civil and mechanical works within the license limits are carries out by our company.



TRANSMISSION LINES

In order to provide uninterrupted water, which is an indispensable part of human life, in our living spaces, our company; carries out the construction and mechanical works of city water transmission lines, waste water pipes.

OUR PROJECTS

Eti Aluminum Maintenance and Modernization Works

2007



Erzurum Wastewater Treatment Plant Project

2013



Melen Project

2009



1360 MW Thermal Power Plant Cooling Water Project

2009



Ataköy Wastewater Treatment Plant Project

2009



24 MW Hydroelectric Power Plant Project

2011



Test Makina

1989



Samgaz - Selçukgaz Natural Gas Infrastructure Investment Works

2005



13 MW Cogeneration Facility Project

2008



240 MW Natural Gas Combined Cycle Power Plant Project

2010

Ammonium Sulphate
Factory Mechanical Erection Works

2017



Eti Bakır
Bag Filter
Manufacturing

2019



Kyrgyzstan
Tereksay Gold Mine
Project

2020



Sakarya Stream Karasu Region
Water intake structure Melen Line
Participation Region
Pumping Center

2014



7MW
Power Plant Project

2013



Eurasia Tunnel
Bosphorus Highway
Tube Crossing Project

2013



ASU Project

2015



Mardin Mazıdağı
Metal Recovery and Integrated
Fertilizer Plants Project

2017



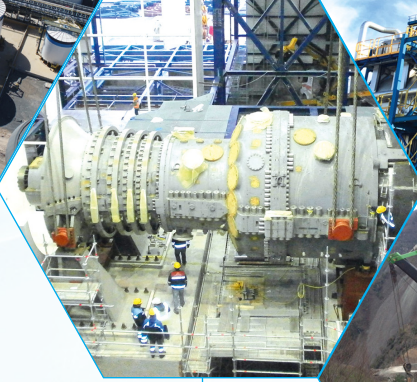
Eurasia Tunnel
Bosphorus Highway
Tube Crossing Project

2013



610 MW
Natural Gas Combined
Cycle Power Plant Project

2013



Darica II
Hydroelectric
Power Plant Project

2013







Kyrgyzstan

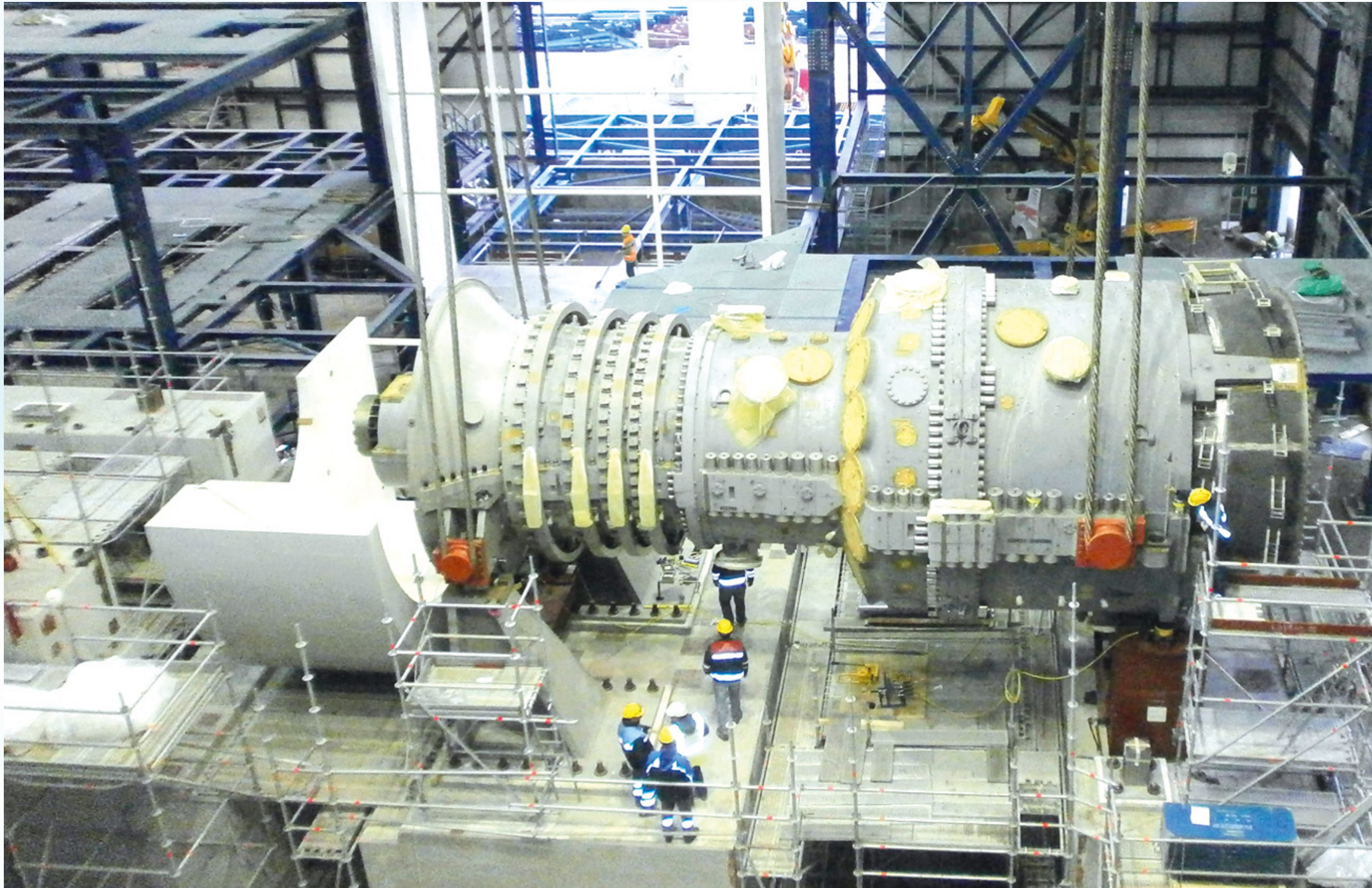
Tereksay Gold Mine Project

We undertook all the mechanical assembly works of the facility, which will have a gold ore processing capacity of 1 million tons in a year, which Eti Bakır A.Ş belongs to Cengiz Holding. We have completed the assembly works in October 2021 that we started at the end of 2020 .

2000 tons of equipment (Ball Mill, Sag Mill, Conveyors, Jaw Crusher, Bunkers, Cyclones, Pumps, Tanks, Cone Crusher etc.) erection, 800 tons of steel platform and piperack erection, 30.000 Dia-inch Pipe erection (CS, HDPE , SS, TRELLEX, PPR) were made by us.

Start and End Date: 2020 - 2021







Samsun

610 MW Natural Gas Combined Cycle Power Plant Project

—
Siemens SGT5 - 8000H Gas turbine assembly, honing and coupling adjustments, Siemens SGen5-3000W Generator assembly and coupling adjustments, Siemens SSS360T High Pressure Steam turbine assembly, honing and coupling adjustments, Siemens SST5-5000 Low Pressure Steam turbine assembly, honing and coupling adjustments, Condenser assembly and adjustment.

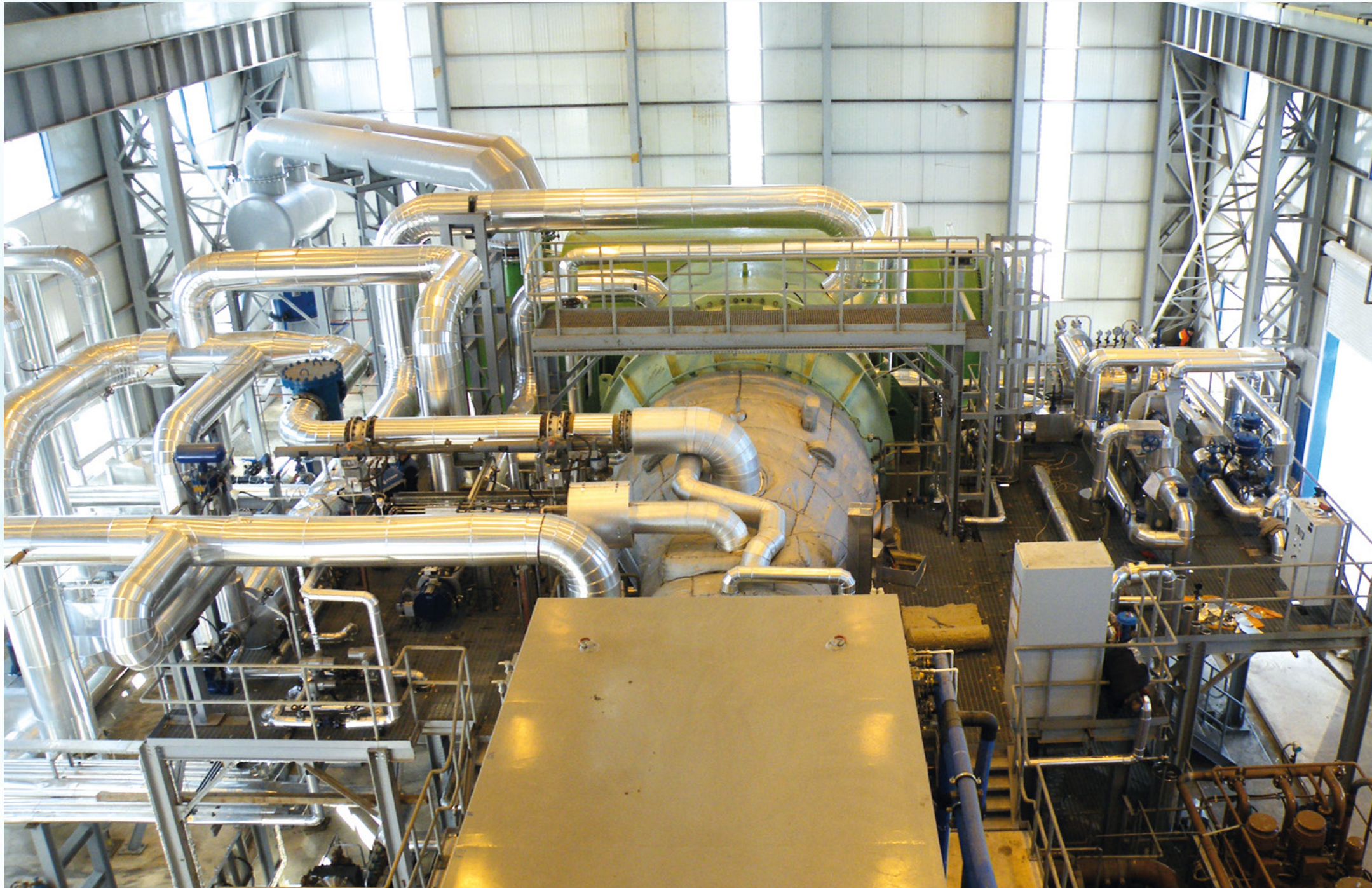
Air Intake (Gas Turbine Air Unit) assembly and adjustment, Enclosure assembly and tests according to fire regulations, Lube Oil Tank, Fuel Gas Skid, Heat Exchanger, pump and machine equipment assembly,

2 Kone Crane 250x25x4 ton assembly, Rope winding and tests, 15.000 Dia-Inch pipe assembly, welding operations, pressure tests, commissioning of the facility,

Assembly of turbine building and additional structures, approximately 3000 tons of steel construction and platform assembly in 70mx51mx32m dimensions.

Start and End Date: 2013 - 2014







Samsun

240 MW Natural Gas Combined Cycle Power Plant Project

Installation of one 40 MW Siemens steam turbine, assembly of auxiliary systems' machine equipment and piping works, 500 tons of steel construction installation,

Installation of 2x100 MW GELMS 100 gas turbine with a total power of 200 MW, assembly of auxiliary systems' machine equipment and piping works,

We have completed the disassembly and packing for shipment of this facility, which we have completed in the city of Uzbekistan-Tashkent in 2020-2021.

Installation Start and End Date: 2010 - 2011

Disassembly Start and End Date: 2020 - 2021





Mardin

Mazıdağı Metal Recovery and Integrated Fertilizer Plants Project

We were included investment of Eti Bakır A.Ş with in Cengiz Holding due to gold plant erection and piping in the metal recovery region. That 1.1 billion dollars at started in 2014 which the facility was built in 74.680m2 closed area. (It is the only facility in Turkey as it is a facility whose raw materials are produced in the same place.)

Later, we completed the works at the end of 2018: Underground and aboveground In-plant natural gas piping works, WARTSILA gas engine piping works, tank and steel assembly works, cooling tower and sand filter pump works, valve, instrument and pipe assembly works, ammonia plant piping works and mechanical punch closing of all facilities. A great contribution was made to the completion of the project with approximately 800,000 (eight hundred thousand) ManxHours spent.

Start and End Date: 2014 - 2019



OUR PROJECTS



Konya

13 MW Cogeneration Plant Project

- Installation of Aalborg boiler with 120ton/h steam capacity,
- 13 MW steam turbine installation,
- Installation and piping works of machine equipment related to auxiliary systems,
- Lime plant and coal crushing screening plant installation,
- Pneumatic transport system assemblies,
- Manufacturing of 2 fly ash silos and tanks,
- Installation of conveyor systems.

Start and End Date: 2008 - 2010

Cenal Karabiga

2x660 MW Natural Gas Cycle Project

High Pressure Line Piping Project

- Piping of 36-16 Inch Botaş main transmission line between Hot tap point and RMS-A in winter conditions within the scope of Botaş Technical Specifications.
- Piping of 13km long 12 inch high pressure natural gas transmission line in winter conditions.
- Pig Station assembly,
- Natural gas internal installation piping works inside the power plant after RMS-A
 - Special transitions with directional horizontal drilling, PE piping and fiber optic cabling, underground pipe insulation, pipe bending, 100% radiography control, calipper pig, cathodic protection works, hydrostatic and pneumatic tests, drying the line, mapping, project drawings, Completion of as built drawings, preparation and commissioning of the line, together with the preparation of Botaş work initiation and work completion files.



Start and End Date: 2016 - 2017

OUR PROJECTS



Istanbul Melen Project

Melen Project 2nd Stage Construction consists of \varnothing 3000mm 135 km transmission line. With the completion of the 2nd stage transmission line, the amount of water that can be taken from the Melen system will reach 575 million m³ per year. In the project, Turkey's thickest steel pipeline with \varnothing 3000 mm and 25 mm wall thickness was installed by our company. The pipes were used in the project with 8 and 12 meters, 16 and 24 tons. Pipes are putted on the lines with our work machines and assembled by us. 85 meters horizontal drilling process was carried out by our company with \varnothing 3400 mm sheath pipes on the rivers and highways located on the line with 135 meters Sakarya river, 105 meters Ağva rivers (Ağva and Göksu) , Şile highway at Ömerli region.

Start and End Date: 2009 - 2015



Sakarya River Karasu Region Water Intake Structure Melen Line Participation Region Pumping Center

Construction of water intake structure and resting pool, Pump building construction of pumping center, Making connections with existing \varnothing 3000 mm steel pipe, The manufacture and assembly of air tanks and the assembly of all machinery and equipment were carried out by our company.

Start and End Date: 2014



Zonguldak 1360 MW Thermal Power Plant Cooling Water Project

Underground and above ground regulating, welding, 100% NDT controls of $\text{Ø}3200 \times 22$ mm steel pipes of 13,5 km long thermal power plant cooling water and return line,

Elbow, reduction manufacturing, $\text{Ø}3600 \times 30$ mm thick sheath pipe manufacturing, 1300 manhole manufacturing and assembly, collector and fittings manufacturing, 140 $\text{Ø}3200$ expansion pieces manufacturing and sealing test and assembly were carried out by our company.

Start and End Date: 2009 - 2010



Eurasia Tunnel Bosphorus Highway Tube Crossing Project

İSKİ wastewater at Yenikapı junction, (2x $\text{Ø}2032$ mm Deep Sea Discharge Pipeline, $\text{Ø}1400$ mm main collector pipeline, $\text{Ø}500 / \text{Ø}300$ mm collector pipeline), city water ($\text{Ø}1626$ mm transmission line, $\text{Ø}532$ mm ductile pipe interconnection), stormwater discharge (2x $\text{Ø}610$ mm) displacement works

Start and End Date: 2014 - 2015

OUR PROJECTS



Ordu Darıca II Hydroelectric Power Plant Project

OR-YA Enerji Elektrik Üretim A.Ş. operating in Ordu within the body of OR-YA Holding mechanical works of 75 MW DARICA II HEPP project were carried out by our company. Within the scope of the project, which was built on the Melet river, penstocks with 1500 mm diameter and 40 mm, 36 mm, 30 mm, 25 mm, 20 mm, 16 mm, 12 mm wall thicknesses and elbows at different angles were assembled by us. Of the 1500 mm diameter pipes, 1180 meters were made in the energy tunnel and transmission tunnel, 1060 meters were open excavation, and 1100 meters were made in heavy field conditions at an angle of 55 degrees. The project is the most difficult HEPP project in Turkey, and it ranks first with a net fall of 1080 meters. Two turbines of 37.5 MW will be installed within the scope of the power plant project, and in case the project is completed, it will provide the electricity needs of the region to a large extent.

Start and End Date: 2013 - 2018



Samsun 7MW Power Plant

7 pieces of , Heat Recovery Steam Generators(HRSG), waste heat boiler assembly, 1 steam turbine assembly and auxiliary systems related machinery equipment assembly and piping works

Start and End Date:2013



Konya Seydişehir Eti Aluminum Maintenance and Modernization Works

2 aluminum melting and holding casting furnaces belonging to "Otto Junker" company, casting system belonging to Wagstaff, Installation of 2 homogenizing furnaces, installation, assembly and commissioning of "Sermas Billet" and Ingot cutting systems.

Start and End Date: 2007 - 2008



Samsun Samgaz - Konya Seydişehir Selçukgaz Natural Gas Infrastructure Investment Works

All high and medium pressure steel main lines, low pressure polyethylene main lines, service lines and service box installations carries out by our company within the license limits of the company that operating in Samsun within the body of Cengiz Holding, SAMGAZ Doğalgaz Dağıtım A.Ş. and in Konya, SELÇUKGAZ Doğalgaz Dağıtım A.Ş. In addition, the installation of RMS-B (Reducing Metering Station Type-B) regional stations and RMS-C (Reducing Metering Station Type-C) customer stations, steel and polyethylene valve assemblies, steel and polyethylene valve chamber manufacturing are carries out by our company since 2005 within the license limit.

Start and End Date: 2014

OUR PROJECTS



Mersin - KKTC Potable Water Supply Project

We served out the water supply project from Turkey to the Turkish Republic of Northern Cyprus, which is a first in the world, within the body of Kalyon Holding. Within the scope of the project, we successfully completed the construction of a Balance Chimney with a diameter of 31m and a height of 16.60m and a capacity of 10.000m³ with a sliding formwork in 12 days. We carried out mechanical and technical works such as DN500, DN1000, DN1500 diameters of steel and ductile pipeline manufacturing, DN500 and DN1500 valve assemblies. With the special systems installed at our construction site in the TRNC, we successfully passed the strength and tightness tests performed after the pipes were immersed in the sea in the 80-kilometer sea passage of the conveyance pipeline from Anamur to the TRNC, and we delivered our project.

Start and End Date: 2020



Erzurum Purification of Wastewater Plant Project

Machinery, equipment and pipe assembly of the facility with a capacity of 130.000 m³/day, On-site assembly and welding of stainless pipes used in the project from 25mm to 1220mm, Also manufacturing and installation of DN 400, DN 500, DN 600, DN700, DN900, DN1000 and DN1200 stainless pipes, Installation of 2 biogas generators with a total of 917 kW of which 436 kW is electricity and 481 kW is thermal.

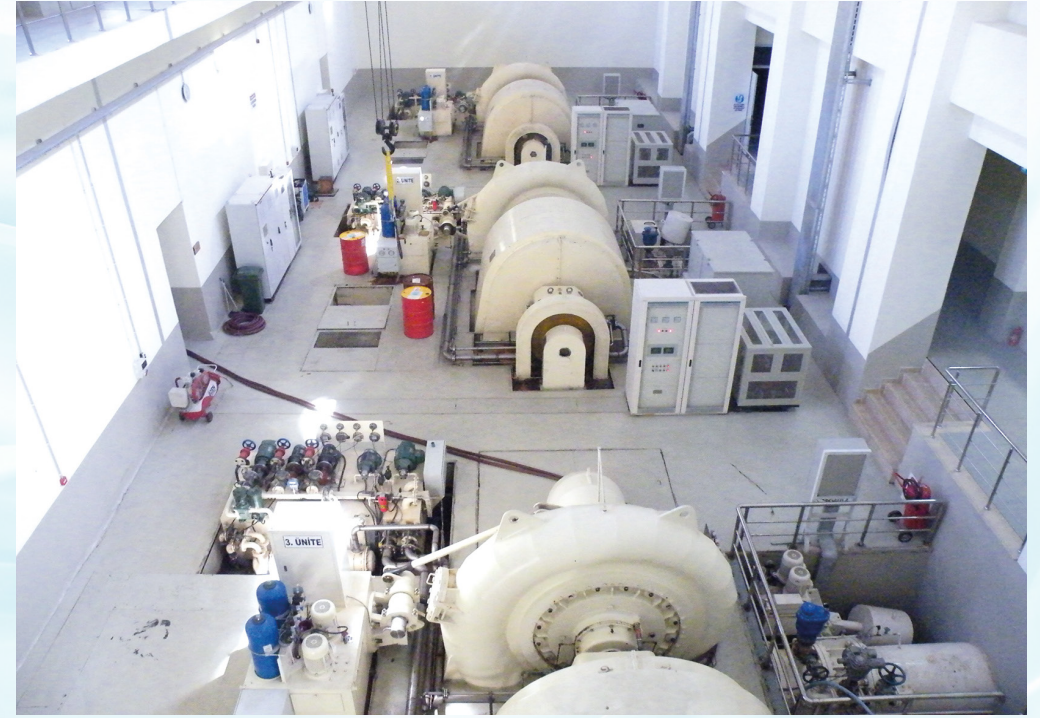
Start and End Date: 2013 - 2014



Istanbul Ataköy Purification of Wastewater Plant Project

Machine equipment assembly and piping works. In addition, DN600, DN700, DN1000, DN1200, DN1400 mm steel pipe manufacturing and assembly

Start and End Date: 2009 - 2011



Artvin 24 MW Hydroelectric Power Plant Project

3x8 MW Turbine assembly, piping and assembly of auxiliary machinery equipment

Start and End Date: 2011

OUR PROJECTS



Istanbul AirPort (IGA)

Within the scope of natural gas, industrial and large consumption facility project; ATC Tower, DHIM Administration Building, Air Services Customs Center, Airport Maintenance Center, Airport Snow Cleaning Center Garage Building, Gendarmerie Building, Meteorology Building, -Dog Farm, Liquidation Directorate Building, Utility Center and UC building VIP Terminal Heating Center buildings; Natural gas installation, project and approval works, steel line and PE main line piping works, RMS-B and RMS-C assembly, test and NDT controls of service lines, commissioning and gassing were carried out.

Start and End Date: 2018 - 2019



Eti Bakır Asu Project

Colb Box , Heat Exchanger, ASU Tower Assembly. Liquid Argon, Nitrogen Liquid Inert Gas, Oxygen, Water, Compressor Building, Smelteer, Oxygen Pipe Bridge, Furnace Cooling pipelines welded manufacturing and 52.000 Dia Inch Piping, Instrument installation, Underground and Above Ground Piping, Pipe Track Installation, Boiler Steam lines revision works. 100% Radiography Control, Hydrostatic and Pneumatic Tests, QC/QE Preparation of Work Start and Work Completion files, acceptance and commissioning of the line.

Start and End Date: 2015 - 2016



Mardin Eti Bakır Mazıdağı Metal Recovery and Integrated Fertilizer Plants Project

We were included investment of Eti Bakır A.Ş. with in Cengiz Holding due to gold plant erection and piping in the metal recovery region. That 1.1 billion dollars at started in 2014 which the facility was built in 74.680m² closed area. (It is the only facility in Turkey as it is a facility whose raw materials are produced in the same place.) We completed the works at the end of 2018: Underground and aboveground In-plant natural gas piping works, WARTSILA gas engine piping works, tank and steel assembly works, cooling tower and sand filter pump works, valve, instrument and pipe assembly works, ammonia plant piping works and mechanical punch closing of all facilities. A great contribution was made to the completion of the project with approximately 800,000 (eight hundred thousand) ManxHours spent.

Start and End Date: 2017 - 2017

Eti Bakır Ammonium Sulphate Factory Mechanical Erection Works

22.000 Dia Inch pipe with Ammonia Exchanger, Economizer, Drain Tank, KO Drum, Dilute Ammonia Cooler, Air Cooled Condenser, Pump equipment assemblies, 100% NDT, flashing chemical cleaning and drying works, preparation of QC/QE work start and work completion files , acceptance and commissioning of the system.

Start and End Date: 2016 - 2017

OUR PROJECTS



Eurasia Tunnel Bosphorus Highway Tube Crossing Project

Istanbul municipal infrastructure and sewerage works between Kumkapı and Çatladıkapı.

Start and End Date: 2013 - 2014



Eurasia Tunnel Bosphorus Highway Tube Crossing Project

Ø3200 Reinforced Concrete Pipe Main Wastewater Collector Line Displacement Works. Dismantling and disposal of the inactive part of the old 2x Ø2000 prestressed reinforced concrete wastewater deep sea discharge line, which was deactivated after the displacement process.

Start and End Date: 2013 - 2014

Project Name	TaskMaster	Start Date	End Date	Define of Project
Ömerli Barrage Muradiye Potable Water Treatment Plant Project - İstanbul, Türkiye	OTV - Timsan Partnership	1994	1995	5 Aktiflo units, 10 fast mixers, 10 slow mixers, 12 sand filters, 13.000 m3 chlorine contact tank, Ø 1600 mm main collector assembly, 5 φ800 mm Aktiflo unit inlet piping and machinery equipment installation. The facility capacity is 300,000 m3/day.
İski - Çatalca TM1 and TM2 Wastewater Pumping Centers and Pumping Lines Project - İstanbul, Türkiye	Obitaş Ortadoğu Birlik İnşaat Taahhüt A.Ş.	1997	1998	Steel pipe manufacturing and assembly works in pumping stations and supply lines construction
İkitelli Potable Water Main Distribution System Construction İstanbul, Türkiye	Cengiz İnşaat Sanayi ve Ticaret A.Ş.	1997	1998	42 km of various diameters of steel pipe laying
Alanya Wastewater Treatment Plant Project - Antalya, Türkiye	Timsan İnşaat San. Tic. A.Ş.	1997	1998	Steel pipe manufacturing and assembly, Steel construction manufacturing and assembly
Terkos - Kağıthane Potable Water Transmission Line Project - İstanbul, Türkiye	Yapısal Yapı San. Ve Tic. Ltd. Şti.	1997	1998	Installation and construction works of φ2200mm 45 km steel pipe transmission line between Terkos - Kağıthane
Beyoğlu Mütefferik Drinking Water Part II φ2200 mm Line - İstanbul, Türkiye	Gülermak Ağır Sanayi İnşaat ve Taahhüt A.Ş.	1999	1999	2 km Ø 2200 mm steel pipe laying work
İski Beylikdüzü H1 Service Potable Water Main Distribution Line - İstanbul, Türkiye	Gürtaş İnşaat San. Tic. A.Ş.	2000	2003	Laying of φ 1400 mm 72 km steel pipe potable water main distribution line
Köy Hizmetleri Genel Müdürlüğü Dispense Heads Job - İstanbul, Türkiye	Alarko - Carrier Sanayi ve Ticaret A.Ş.	2002	2003	Production of 416 dispense heads
132 MW Manufacturing and Installation of Power Plant Exhaust and Intake Ducts Samsun, Türkiye	Cengiz İnşaat Sanayi ve Ticaret A.Ş.	2002	2003	Manufacturing and assembly of pipes in exhaust and suction lines
Tuzla φ1000 mm Transmission Line Construction İstanbul, Türkiye	İpet Yapı Taahhüt Ltd. Şti.	2003	2004	Laying of φ 1000 mm diameter steel pipeline
Çamlıca - Salacak φ2200 mm Transmission Line Construction İstanbul, Türkiye	Kalyon İnşaat Sanayi ve Ticaret A.Ş.	2003	2004	φ 500 mm, φ600 mm, φ700 mm, φ1000 mm, φ1200 mm, φ1800 mm and φ2200 mm steel pipe laying and welding manufacturing, Discharge, Suction Cup and Valve chamber mechanical manufacturing, Steel pipe bridge manufacturing and assembly works
Pump Center Project İstanbul, Türkiye	Öztekin -BG Adi Ortaklığı	2003	2004	Mechanical assembly and piping of 12 pumps at the pump station, manufacturing and assembly of single girder motor-controlled cranes with a lifting capacity of 2 tons
Completion of the Water Reservoir and Construction of Water Drainage Channels Vayxır, Nahçıvan	Cengiz İnşaat Sanayi ve Ticaret A.Ş.	2004	2005	Manufacturing and assembly works of the manifold area steel pipes of the Hydroelectric power plant building with 4.5 MW power, which will be established for the completion of the water warehouse project in the Nakhchivan Vayxır region and the construction of the water drainage channels.
Terkos - İkitelli Potable Water Çatalca Transmission Line Construction - İstanbul, Türkiye	Mrm Turizm İnşaat Taahhüt San. Tic. Ltd. Şti.	2004	2005	Laying and welding of φ 1200 mm steel pipes
Yozgat Gelingülü Pumped Irrigation Construction Yozgat, Türkiye	Taşyapı İnşaat Taahhüt San. Tic. A.Ş.	2004	2004	Manufacturing and assembly of 5 ton capacity double girder overhead electric crane belonging to the existing pumping station and installation of φ1200 mm steel pipe
Nuh Power Plant Project Kocaeli, Türkiye	Nuh Enerji San. Tic. A.Ş.	2004	2006	Machinery - equipment assembly, pipe manufacturing and assembly in the Power Plant
Radiator Manufacturing and Assembly project - İstanbul, Türkiye	Alarko - Carrier Sanayi ve Ticaret A.Ş.	2005	2009	Manufacturing and installation of 2 panel radiators for Dudullu factory
Samgaz - Selçukgaz Natural Gas Infrastructure Investment Works Samsun, Türkiye	Cengiz İnşaat Sanayi ve Ticaret A.Ş.	2005		Natural Gas Infrastructure Construction Works
Eyüp Pierre Loti - Cable Car Construction Between Golden Horn İstanbul, Türkiye	Timsan İnşaat San. Tic. A.Ş.	2005	2006	Wire rope pulling with the assembly of lower and upper stations. Also commissioning
Taşoluk Potable Water Treatment Plant Construction İstanbul, Türkiye	Türkerler - Giriş Ortak Girişimi	2006	2006	Installation of φ 600 mm diameter 7.5 km long cast iron pipes, installation of suction cups and discharge chambers
Yakuplu 20.000 m3 water reservoir, pumping station, transformer building and potable water network construction - İstanbul, Türkiye	Poyraz İnşaat San. Tic. A.Ş.	2006	2008	Manufacturing and assembly works in the water reservoir, pumping center, transformer building and potable water line
Eti Bakır A.Ş. Investment Works - Artvin, Türkiye	Eti Bakır A.Ş.	2006	2007	Performing mechanical assembly and maintenance and repair works in concentrator facilities of Murgul Artvin facility

OUR PROJECTS

Project Name	TaskMaster	Start Date	End Date	Define of Project
Hasdal Kemerburgaz - Yassiören State Road Construction Project -İstanbul, Türkiye	Mak-Yol İnşaat Sanayi Turizm ve Ticaret A.Ş.	2007	2007	Construction works
Asian Region Various Potable Water Network and Floor Separation Construction Project - İstanbul, Türkiye	Eray Yapı San. Tic. A.Ş.	2007	2007	Laying Ø 600 mm diameter steel pipe
Eti Bakır A.Ş. Kastamonu, Türkiye	Eti Bakır A.Ş.	2007	2008	In-plant assembly, disassembly and contract works in the factory
120 Ton/h Steam Capacity Natural Gas Boiler and Additional Systems Project Konya, Türkiye	Eti Alüminyum A.Ş.	2008	2010	120 ton/h steam capacity Aalborg boiler assembly and piping works, 13 MW steam turbine assembly, Lime Plant, Coal crushing and screening plant, Pneumatic transport system, 2 fly ash silos and tank manufacturing, assembly of conveyor systems
Ataköy Wastewater Treatment Plant Project - İstanbul, Türkiye	WTE Lidya - Kalyon Konsorsiyumu	2009	2011	φ600, φ700, φ1000, φ1200, φ1400mm steel pipe manufacturing and machinery equipment assembly works
Pipe Installation Works of 2x600 MW Thermal Power Plant Project Zonguldak, Türkiye	Eren Enerji A.Ş.	2009	2010	Underground and above ground regulating, welding, 100% NDT controls of φ3200 x 22 mm steel pipes of 13,5 km long thermal power plant cooling water and return line. Elbow, reduction manufacturing, φ3600x30 mm thick sheath pipe manufacturing. 1300 manhole manufacturing and installation, collector and fittings manufacturing. Manufacturing of 140 pieces of φ 3200 expansion piece and sealing test and assembly
240 MW Natural Gas Combined Cycle Project Samsun, Türkiye	Cengiz İnşaat Sanayi ve Ticaret A.Ş.	2010	2011	2x100 MW total 200 MW installation of G.E. LMS100 gas turbine and 1 x 40 MW Siemens steam turbine, installation of piping and auxiliary systems
Melen Project II Stage I. Section Transmission Line İstanbul, Türkiye	Kalyon İnşaat Sanayi ve Ticaret A.Ş.	2011	2012	φ3000 mm steel pipe, 55 km transmission line installation and construction works
Eti Bakır A.Ş. Samsun Facility Samsun, Türkiye	Eti Bakır A.Ş.	2011	2012	Tank and pipe manufacturing and assembly of ammonium sulfate facilities to be established in Samsun Etibakır factory, assembly of all machinery - equipment and piping in the facility, manure warehouse roof manufacturing and assembly works
24 MW Hydroelectric Power Plant Project Artvin, Türkiye	Eti Bakır A.Ş.	2011	2011	Installation of 3 8 MW Turbines, auxiliary equipment and piping works
Melen Project II Stage II. Section Transmission Line İstanbul, Türkiye	Kalyon İnşaat Sanayi ve Ticaret A.Ş.	2011	2015	Installation of φ3000 mm steel pipe and 80 km transmission line and horizontal drilling of 135 meters of Sakarya stream, 105 meters of Ağva streams (Ağva and Göksu) and 85 meters of Omerli region Sile highway, with φ 3400 mm sheath pipe
7 MW Power Plant Project - Samsun, Türkiye	Cengiz İnşaat Sanayi ve Ticaret A.Ş.	2013	2013	7 pieces of H.R.S.G. Waste boiler and 1 steam turbine installation
610 MW Natural Gas Combined Cycle Power Plant Project - Samsun, Türkiye	Cengiz İnşaat Sanayi ve Ticaret A.Ş.	2013	2014	Steel construction assembly, Siemens machinery and equipment assembly and piping works
Eurasia Tunnel Bosphorus Highway Tube Crossing Project, Wastewater Displacement and Potable Water Pipeline Displacement Projects İstanbul, Türkiye	YMSKJV Yapı Merkezi İnşaat ve Sanayi A.Ş. Sk Engineering & Construction Co. Ltd. Adi Ortaklığı	2013	2014	Infrastructure Displacement Works of İSKİ between ETB Construction Site Kumkapı and Çatalıtkapı
Erzurum Wastewater Treatment Plant Project - Erzurum, Türkiye	Hochtief Solution AG-HGG İnşaat Ltd. Şti. Sachsen Wasser İş Ortaklığı	2013	2014	Installation of all machinery - equipment, pipe assemblies. In addition, manufacturing and assembling DN 400, DN 500, DN 600, DN 700, DN900, DN 1000 and DN 1200 stainless pipes

Project Name	TaskMaster	Start Date	End Date	Define of Project
Melen Project II Stage II. Section Transmission Line , Sakarya Pump Center Sakarya, Türkiye	Kalyon İnşaat Sanayi ve Ticaret A.Ş.	2014	2014	Construction of water intake structure and resting pool, pumping center, pump building, manufacturing of air tanks, assembly of machinery and equipment and connection of lines with existing ϕ 3000 mm steel pipe
Eurasia Tunnel Bosphorus Highway Tube Crossing Project, Wastewater Displacement and Potable Water Pipeline Displacement Projects İstanbul, Türkiye	YMSKJV Yapı Merkezi İnşaat ve Sanayi A.Ş. Sk Engineering & Construction Co. Ltd. Adi Ortaklığı	2014	2014	ϕ 3200 Reinforced Concrete Pipe Main Wastewater Collector Line Displacement Works in Samatya Region and Dismantling and Disposal of the Inactive Section of the Old 2x ϕ 2000 Prestressed Reinforced Concrete Wastewater Deep Sea Discharge Line in ETB Region, which was inactive after the Displacement Process
Eurasia Tunnel Bosphorus Highway Tube Crossing Project, Wastewater Displacement and Potable Water Pipeline Displacement Projects İstanbul, Türkiye	YMSKJV Yapı Merkezi İnşaat ve Sanayi A.Ş. Sk Engineering & Construction Co. Ltd. Adi Ortaklığı	2014	2015	İSKİ Wastewater, (2X ϕ 2032 mm Deep Sea Discharge Pipeline, ϕ 1400 mm Main Collector Pipeline, ϕ 500 / ϕ 300 mm Collector Pipeline), City Water (ϕ 1626 mm Transmission Line, ϕ 532 mm Ductile Pipe Interconnection), Stormwater Discharge in Yenikapı Region (2x ϕ 610 mm) Displacement Works
75 MW Danca II Hydroelectric Power Plant Project Ordu, Türkiye	OR-YA Enerji Elektrik Üretim A.Ş.	2014		Installation of 2x37.5 MW turbine and auxiliary elements, installation of approximately 3500 meters of pipes with thicknesses ranging from 12 to 40 mm
ASU Project	Eti Bakır A.Ş.	2015	2016	Colb Box , Heat Exchanger, ASU Tower Assembly. Liquid Argon, Nitrogen Liquid Inert Gas, Oxygen, Water, Compressor Building, Smelteeer, Oxygen Pipe Bridge, Furnace Cooling pipelines welded manufacturing and 52.000 Dia Inch Piping, Instrument installation, Underground and Above Ground Piping, Pipe Track Installation, Boiler Steam lines revision works. 100% Radiography Control, Hydrostatic and Pneumatic Tests, QC/QE Preparation of Work Start and Work Completion files, acceptance and commissioning of the line.
Ammonium Sulphate Factory Mechanical Erection Works	Eti Bakır A.Ş.	2016	2017	22.000 Dia Inch pipe with Ammonia Exchanger, Economizer, Drain Tank, KO Drum, Dilute Ammonia Cooler, Air Cooled Condenser, Pump equipment assemblies, 100% NDT, flashing chemical cleaning and drying works, preparation of QC/QE work start and work completion files , acceptance and commissioning of the system.
Mardin Mazıdağı Metal Recovery and Integrated Fertilizer Plants Project	Eti Bakır A.Ş.	2014	2019	"We were included investment of Eti Bakır A.Ş with in Cengiz Holding due to gold plant erection and piping in the metal recovery region. That 1.1 billion dollars at started in 2014 which the facility was built in 74.680m2 closed area. (It is the only facility in Turkey as it is a facility whose raw materials are produced in the same place.) We completed the works at the end of 2018: Underground and aboveground In-plant natural gas piping works, WARTSILA gas engine piping works, tank and steel assembly works, cooling tower and sand filter pump works, valve, instrument and pipe assembly works, ammonia plant piping works and mechanical punch closing of all facilities. A great contribution was made to the completion of the project with approximately 800,000 (eight hundred thousand) ManxHours spent.
Eti Bakır Bag Filter Manufacturing	Eti Bakır A.Ş.	2019	2020	-
KKTC Potable Water Supply Project	Kalyon İnşaat Sanayi ve Ticaret A.Ş	2020	2020	We served out the water supply project from Turkey to the Turkish Republic of Northern Cyprus, which is a first in the world, within the body of Kalyon Holding. Within the scope of the project, we successfully completed the construction of a Balance Chimney with a diameter of 31m and a height of 16.60m and a capacity of 10.000m3 with a sliding formwork in 12 days. We carried out mechanical and technical works such as DN500, DN1000, DN1500 diameters of steel and ductile pipeline manufacturing, DN500 and DN1500 valve assemblies. With the special systems installed at our construction site in the TRNC, we successfully passed the strength and tightness tests performed after the pipes were immersed in the sea in the 80-kilometer sea passage of the conveyance pipeline from Anamur to the TRNC, and we delivered our project.
Kyrgyzstan Tereksay Gold Mine Project	Eti Bakır A.Ş.	2020	2021	"We undertook all the mechanical assembly works of the facility, which will have a gold ore processing capacity of 1 million tons in a year, which Eti Bakır A.Ş belongs to Cengiz Holding. We have completed the assembly works in October 2021 that we started at the end of 2020 . 2000 tons of equipment (Ball Mill, Sag Mill, Conveyors, Jaw Crusher, Bunkers, Cyclones, Pumps, Tanks, Cone Crusher etc.) erection, 800 tons of steel platform and piperack erection, 30.000 Dia-inch Pipe erection (CS, HDPE , SS, TRELLEX, PPR) were made by us.

OUR FACTORY MANUFACTURING



Samsun Eti Bakır Factory

Flash Furnace Ring Manufacturing

Start and End Date: 2020 - 2020



Samsun Eti Bakır Factory

Stainless Hopper Manufacturing

Start and End Date: 2022- 2022



Samsun Eti Bakır Factory

Bag Filter, Hoppers, Inlets and Outlets

Gas channels, Steel Construction

Complete Manufacturing with filter connections

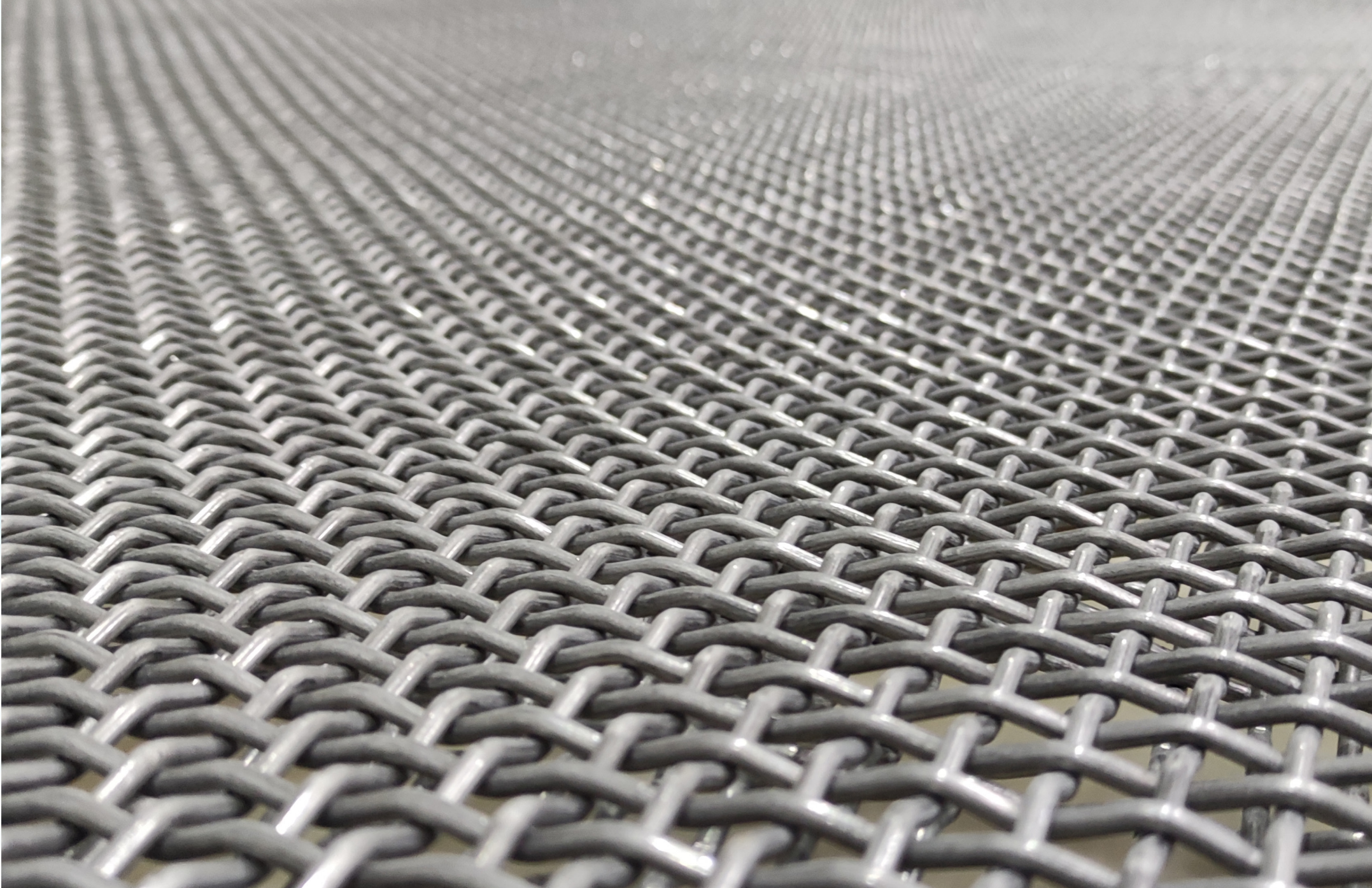
Start and End Date: 2019 - 2020

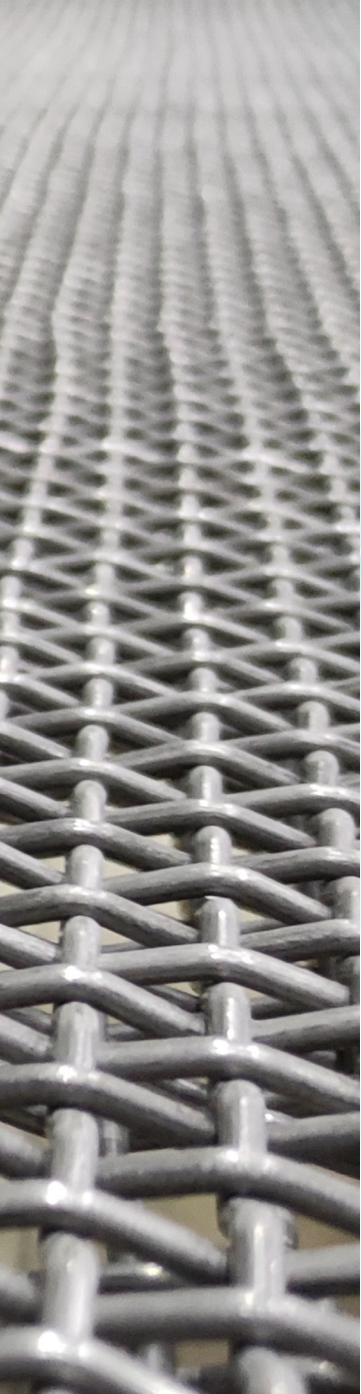


Seydişehir Eti Aluminum Factory

Cyclone Tank Manufacturing, Steel Construction Manufacturing

Start and End Date: 2021 - 2021





Test Elek

Our company has started to manufacture Steel Sieve with the brand of TEST ELEK in a high-capacity facility in a closed area of 1000 m² in Samsun.

We produce high quality sieves suitable for the name of TEST MAKİNA by combining quality raw materials with careful workmanship with our experienced team who are experts in their field.

Our company, which is the only manufacturer in the field of steel sieve in the Black Sea region, continues its production with high production capacity and ready stock in a way that will appeal to all our domestic and foreign potential customers.





OUR MACHINERY

Our Cranes
4 Crawler Cranes with a capacity of 65 tons
1 Crawler Crane with a capacity of 84 tons
1 Crawler Crane with a capacity of 60 tons
1 Crawler Crane with a capacity of 40 tons
1 Mobile Crane with a capacity of 60 tons
2 Mobile cranes with a capacity of 35 tons
1 Mobile crane with a capacity of 30 tons
1 Mobile crane with 5 ton capacity
Our Grader, Loader and Backhoe Loaders
2 Cat 938 H Loader
1 Cat 966 Loader
1 Cat 955 Crawler Loader
2 Cat 428E (JCB)
1 Case 695 ST Backhoe Loader
Our Forklifts, Bobcats and Cylinders
1 Vibromax VM 115 D Cylinder
1 Bomag BW 120 Cylinder
1 Forklift with a capacity of 5 tons
1 Bobcat
Our Tow Trucks, Low-Bed and Trailers
1 Man DFS 372 6X4 Tow Truck
1 Mercedes Axor 1840 Tow Truck
1 Low-bed 2 Axles
1 Low-bed 3 Axles
1 TKD 2012 Trailer
1 Oktar Half Trailer
1 Truck
Our Screen Production
5 Wire Drawing Rolling Machines
1 Flat Head Wire Drawing Rolling Machine
5 Sets of Sieve Knitting Machine

Our Trucks
1 Mercedes Axor 3028
1 Mercedes Actros 4046
2 Dodge As 950
3 Mercedes 2521
4 Mercedes Axor 3340
6 Mercedes Axor 4140
Our Excavators
1 Cat 320 D Excavator
1 Cat 325 D Excavator
1 Sumitomo SH 130 Excavator
1 Sumitomo SH 240 Excavator
1 Sumitomo SH 300 Excavator
Cat 320 D Excavator
1 Komatsu PC 300 Excavator
2 Komatsu PC 350 LC-08 Excavators
1 Liebherr 954 Excavator
1 Komatsu PWW 140-8 Excavator
2 Case CX 300 Excavators
Our Manufacturing Machines
ABM 76 CNC-1 Mandrel Pipe Bending Machine
AHS 30 - 10 - 13 4-Valve Hydraulic Cylinder Machine
AHS 20 - 16 - 20 4-Valve Hydraulic Cylinder Machine
AHS 20 - 35 - 45 4-Valve Hydraulic Cylinder Machine
AHS 30 - 35 - 45 4-Valve Hydraulic Cylinder Machine
AHS 20 - 10 - 13 4-Valve Hydraulic Cylinder Machine
AJAN 260 CNC Plasma Cutting Machine
APM 260 CNC Plasma Cutting Machine
APK 240 Hydraulic Profile Bending Machine

OUR CERTIFICATES

SERTİFİKA
CERTIFICATE

KALİTE YÖNETİMİ / QUALITY MANAGEMENT
TEST MAKİNA SANAYİ VE TİCARET LTD. ŞTİ.

kuruluşun,
company.

Merkez: İstanbul Organize Sanayi Bölgesi Deri Sanayi Bölgesi C/19C Parsel No: 19/9/A
Yol Sonu Orhanlı / Tuzla / İstanbul / Türkiye
Şube: Osmangazi Mah. Hilal Cad. No: 22/A Kat: 1 Samandıra / İstanbul / Türkiye
adresinde,
at address.

**ÇELİK KONSTRÜKSİYON İŞLERİ, DOĞAL GAZ HATTI DÖŞENMESİ,
KAYNAK İŞLERİ, İSHALE HATTI BORU DÖŞEME İŞLERİ, V.B
ALTYAPI ÜSTYAPI İNŞAAT VE TAAHHÜT İŞLERİ**

**STEEL CONSTRUCTION WORKS, NATURAL GAS PIPELINE LAYING, WELDING,
PIPE LAYING WORKS FOR TRANSMISSION LINE AND ETC.
INFRASTRUCTURE AND SUPERSTRUCTURE CONSTRUCTION SERVICES**

EA 17, 28 kapsamında
at scope EA 17, 28

kalite yönetim sistemi yürürlüğe koyduğu,
perform the quality management system.

ISO 9001: 2015

standart taleplerinin yerine getirildiği belirlenmiştir.
the complete of the standard was determined.

İlk Yayın Tarihi / Date First Registered : 30.04.2020
Yayın Tarihi / Date Certificate Issued : 29.04.2021
Geçerlilik Periyodu / Period of Registration : 3 Yıl / Years
Geçerlilik Tarihi / Date Certificate Expires : 28.04.2022
Sertifika Numarası / Certificate No : 01/10311/02

Onay: 
Approved By: 


Ülke Tescim Sistemi
TS EN ISO / IEC 17021
AB - 0000 - 15


TÜRKAK BİS NO
YS-3821-1A50



ASB Uluslararası Belgelendirme Gözetim Denetim ve Eğitim Hiz. Ltd. Şti. / ASB International Certification Surveillance, Auditing and Training Services Ltd. Company
Tatlısu Mh. Akif İnan Sk. Sevim Residence No:16 Daire:13 Kat:06 Ümraniye - İstanbul / TÜRKİYE. Tel: +90 216 526 10 04. Fax: +90 216 526 30 91 e-mail: bilgi@asbort.com.tr
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The Validity shall remain in force as long as the corporation follows instructions of ASB. Certificate status can be checked at www.asbort.com.tr

SERTİFİKA
CERTIFICATE

ÇEVRE YÖNETİMİ / ENVIRONMENTAL MANAGEMENT
TEST MAKİNA SANAYİ VE TİCARET LTD. ŞTİ.

kuruluşun,
company.

Merkez: İstanbul Organize Sanayi Bölgesi Deri Sanayi Bölgesi C/19C Parsel No: 19/9/A
Yol Sonu Orhanlı / Tuzla / İstanbul / Türkiye
Şube: Osmangazi Mah. Hilal Cad. No: 22/A Kat: 1 Samandıra / İstanbul / Türkiye
adresinde,
at address.

**ÇELİK KONSTRÜKSİYON İŞLERİ, DOĞAL GAZ HATTI DÖŞENMESİ,
KAYNAK İŞLERİ, İSHALE HATTI BORU DÖŞEME İŞLERİ, V.B
ALTYAPI ÜSTYAPI İNŞAAT VE TAAHHÜT İŞLERİ**

**STEEL CONSTRUCTION WORKS, NATURAL GAS PIPELINE LAYING, WELDING, PIPE
LAYING WORKS FOR TRANSMISSION LINE AND ETC.
INFRASTRUCTURE AND SUPERSTRUCTURE CONSTRUCTION SERVICES**

EA 17, 28 kapsamında
at scope EA 17, 28

çevre yönetim sistemi yürürlüğe koyduğu,
perform the environmental management system.

ISO 14001: 2015

standart taleplerinin yerine getirildiği belirlenmiştir.
the complete of the standard was determined.

İlk Yayın Tarihi / Date First Registered : 30.04.2020
Yayın Tarihi / Date Certificate Issued : 29.04.2021
Geçerlilik Periyodu / Period of Registration : 3 Yıl / Years
Geçerlilik Tarihi / Date Certificate Expires : 28.04.2022
Sertifika Numarası / Certificate No : 02/10311/02

Onay: 
Approved By: 


Ülke Tescim Sistemi
TS EN ISO / IEC 17021
AB - 0000 - 15


TÜRKAK BİS NO
YS-B48E-EOA2



ASB Uluslararası Belgelendirme Gözetim Denetim ve Eğitim Hiz. Ltd. Şti. / ASB International Certification Surveillance, Auditing and Training Services Ltd. Company
Tatlısu Mh. Akif İnan Sk. Sevim Residence No:16 Daire:13 Kat:06 Ümraniye - İstanbul / TÜRKİYE. Tel: +90 216 526 10 04. Fax: +90 216 526 30 91 e-mail: bilgi@asbort.com.tr
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SERTİFİKA
CERTIFICATE

İŞ SAĞLIĞI VE GÜVENLİĞİ YÖNETİMİ
OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT

TEST MAKİNA SANAYİ VE TİCARET LTD. ŞTİ.

kuruluşun,
company.

Merkez: İstanbul Organize Sanayi Bölgesi Deri Sanayi Bölgesi C/19C Parsel No: 19/9/A
Yol Sonu Orhanlı / Tuzla / İstanbul / Türkiye
Şube: Osmangazi Mah. Hilal Cad. No: 22/A Kat: 1 Samandıra / İstanbul / Türkiye
adresinde,
at address.

**ÇELİK KONSTRÜKSİYON İŞLERİ, DOĞAL GAZ HATTI DÖŞENMESİ,
KAYNAK İŞLERİ, İSHALE HATTI BORU DÖŞEME İŞLERİ, V.B
ALTYAPI ÜSTYAPI İNŞAAT VE TAAHHÜT İŞLERİ**

**STEEL CONSTRUCTION WORKS, NATURAL GAS PIPELINE LAYING, WELDING, PIPE
LAYING WORKS FOR TRANSMISSION LINE AND ETC.
INFRASTRUCTURE AND SUPERSTRUCTURE CONSTRUCTION SERVICES**

EA 17, 28 kapsamında
at scope EA 17, 28

iş sağlığı ve güvenliği yönetim sistemi yürürlüğe koyduğu,
perform the occupational health and safety management system.

ISO 45001: 2018

standart taleplerinin yerine getirildiği belirlenmiştir.
the complete of the standard was determined.

İlk Yayın Tarihi / Date First Registered : 30.04.2020
Yayın Tarihi / Date Certificate Issued : 29.04.2021
Geçerlilik Periyodu / Period of Registration : 3 Yıl / Years
Geçerlilik Tarihi / Date Certificate Expires : 28.04.2022
Sertifika Numarası / Certificate No : 04/10311/02

Onay: 
Approved By: 


Ülke Tescim Sistemi
TS EN ISO / IEC 17021
AB - 0000 - 15


TÜRKAK BİS NO
YS-B48E-EOA2



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The Validity shall remain in force as long as the corporation follows instructions of ASB. Certificate status can be checked at www.asbort.com.tr

OUR REFERENCES









Merkez Ofis: Osmangazi Mah., Ahmet Yesevi Cd. No:8 B Blok, Kat: 1-A, 34885 Sancaktepe/İSTANBUL

Telefon: 0216 394 87 73

Konya: Atatürk Cad., Eti Alüminyum, 42370 Seydişehir/KONYA

Telefon: +90 (530) 202 36 80

Samsun: Kirazlık Mah., Sahil Cad. No:11/1, Tekkeköy/SAMSUN

Telefon: +90 (362) 266 67 37

Samsun / Elek İmalatı: Toybelen Mah. 1174. Sok. İç kapı:3 Dış kapı:4 İlkadım / Samsun

Telefon: +90(545) 692 46 06