



Your industrial solution partner

Who We Are



CDG ENGINEERING,

With 15 years of experience, it has started its activities by aiming to be an "Industrial Solution Partner" that offers;

- . Engineering,
- . Manufacturing,
- . Assembly,
- . Services,
- . Equipment Supply,
- . System Solutions for industrial facilities, including heavy industrial plants and power plants.

In line with its goals, CDG Engineering continues its projects to be a reliable and reputable company that meets the needs of its customers in the best way and prioritizes excellence and sustainability by following technological innovations and maximizing customer satisfaction by doing its job passionately with solutions that create value.

Our Quality Policy

The principles we target to keep customer satisfaction at the highest level and to provide a quality standard recognized in the sector.

Customer Satisfaction

We continuously strive to understand our customers' needs, meet, and exceed their expectations. By adopting a customer-oriented approach, we take feedback into account to improve the quality of our products and services.

Quality Standards

We work in accordance with high quality standards. We apply strict quality control methods in our manufacturing processes, from material selection to production stages. We provide training and awareness-raising for all our employees to comply with quality standards.

Continuous Improvement

We continuously strive to improve our business processes and quality management system. We identify opportunities for improvement, increase efficiency and carry out preventive actions to avoid mistakes. We aim to continuously improve our quality by following innovative solutions and technological developments.

Teamwork

We encourage all our employees to have quality awareness. By working with cooperation and team spirit, we ensure compliance with quality standards and provide the best service to our customers. We also prioritize occupational health and safety and take the necessary measures to ensure the safety of all our employees.



Our Business Lines

Assembly and Manufacturing Works

Pipe - Spool Manufacturing
Mechanical Assembly
Equipment Assembly
Maintenance and Service
Steel Fabrication and Assembly

Engineering and Consulting

We support our customers with engineering, feasibility, and consulting services to ensure the right decisions are made from the outset at optimum costs.

Equipment, System Design and Procurement

We offer flowcharting, process design and equipment and system solutions to provide reliable, flexible, easy-to-maintain solutions in the optimum product lifecycle, while providing support for the procurement of the specified systems and equipment.

Maintenance and Service

With our experienced team, we are able to serve our customers worldwide for installation, commissioning, maintenance and other general field service needs.

Global Parts Supply

To ensure uninterrupted production for our customers, we bring together critical spare parts supply in globally important locations, supported by technical support and the right equipment selection.



Assembly and Manufacturing Works



- **Pipe Spool Manufacturing**
 - Engineering and Design
 - Planning
 - Material Supply
 - Surface Preparation
 - Resource Operations
 - Manufacturing
 - Certification
- **Mechanical Assembly**
- **Equipment Assembly Steel**
- **Manufacturing and Assembly**

Engineering and Consulting Services

We support our customers with engineering, feasibility and consultancy services to ensure that the right decisions are made at optimum costs from the outset of your investments.

Technical Knowledge and Expertise

We offer our customers a wide range of engineering know-how and expertise. Our experienced team of engineers helps to meet the technical requirements of our customers by utilizing the experience gained from projects in various sectors. We utilize our technical knowledge at the highest level during the planning, design and implementation phases of projects.

Strategic Direction

We offer a strategic perspective to our clients' projects and investments. We support our clients in their decision-making processes by advising on market analysis, risk assessment and project management. We offer strategic guidance to ensure that our clients achieve the best results, taking into account factors such as financial efficiency, sustainability and competitive advantage.

Project Management

We have the skills required to successfully manage projects. We support our clients with project planning, budget management, resource allocation, process tracking and communication management. We use effective project management techniques to ensure projects are completed on time and on budget.

Risk Analysis and Management

Risk analysis and management are crucial for the successful completion of projects. We identify risks, evaluate possible scenarios and develop risk mitigation strategies. We guide our clients to take appropriate measures to minimize the risks that may affect their projects.

Innovation and Technology

We offer the most innovative and efficient solutions to our customers by following the constantly developing technology. We increase our customers' competitive advantage by guiding them in areas such as innovative engineering approaches, digitalization and automation.

Equipment & System Design, Manufacturing and Supply

At CDG Engineering, we provide comprehensive equipment and system design services to our customers, ensuring the successful completion of their projects. We strive to understand the specific requirements of our customers, provide customized solutions for their needs and keep abreast of the latest technological innovations.

Needs Analysis

In close cooperation with our customers, we conduct a detailed needs analysis to fully understand their needs and define their objectives. We take into account operational requirements, efficiency targets, budget limitations and other important factors.

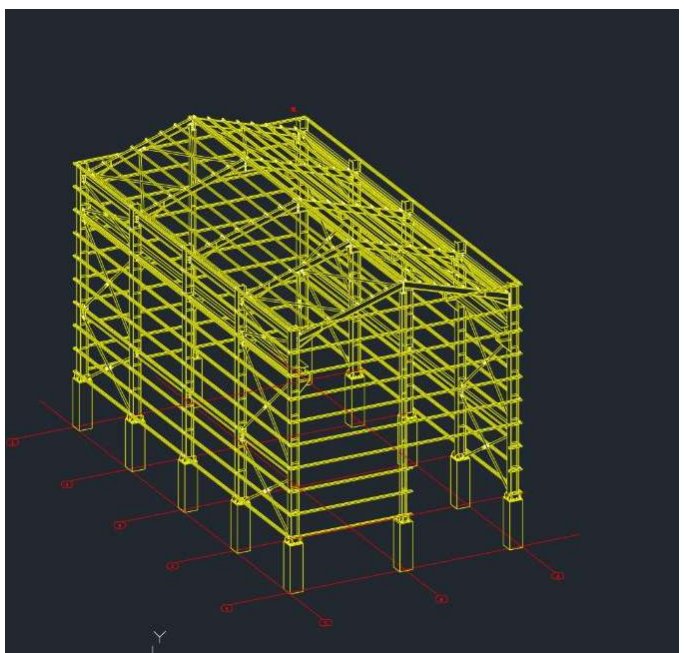
Design and Engineering

With our experienced team of engineers, we develop customized equipment and system designs in accordance with the needs of our customers and offer optimized and functional solutions using technical drawings, simulations and analysis. In this way, we aim to provide our customers with a competitive advantage by integrating innovative and sustainable technologies.



Project Management

We effectively manage equipment and system design projects. We provide professional project management services in areas such as project planning, budget control, resource management and tracking of timelines, while working in constant communication to meet our customers' expectations and ensure the successful completion of projects.





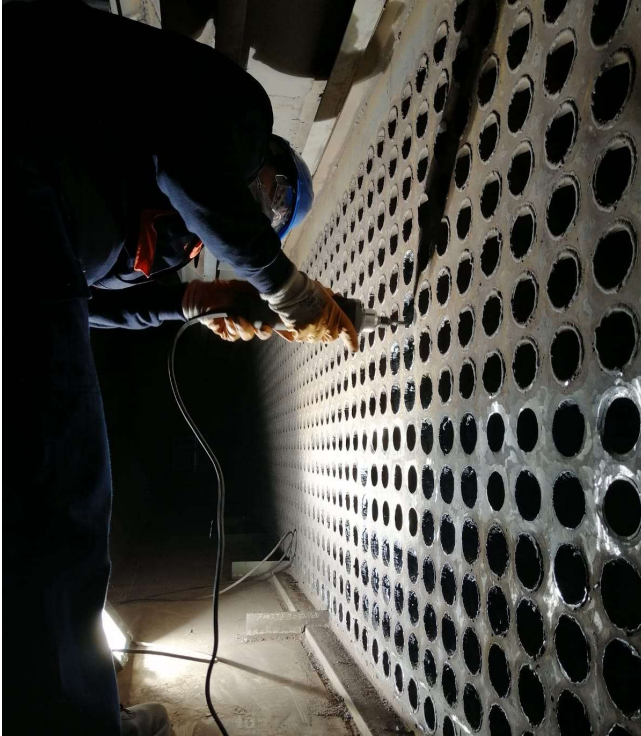
Procurement and Logistics

We have an extensive network for the supply of equipment and system components. Through well-established supplier relationships and logistics management, we provide our customers with the most cost-effective and quality equipment, while monitoring the procurement process and ensuring timely and safe shipment.

Installation and Integration

We successfully install and integrate equipment and systems on site. With our experienced technical teams, we carry out accurate assembly, testing and commissioning.

Maintenance and Service



With our experienced teams, we offer our customers worldwide services in equipment installation, commissioning, revision works, periodic maintenance works in line with their needs.



Global Parts Supply Services



For our customers to continue their production without interruption, we bring together critical spare parts supply in globally important locations at a single point, supported by technical support and the right equipment selection.

PETROCHEISTRY



**SUGAR PRODUCTION
FACILITIES**



CHEMICAL FACILITIES



IRON AND STEEL



ENERGY



Some Of Our Projects



Project Date : 2023

Company : BOTAŞ Natural Gas Storage Facility – İstanbul / TÜRKİYE

Project Name : BOTAŞ Natural Gas Storage Facility

Within the Project Scope;
Underground and above ground stainless piping works, fire building pump assembly and piping works, inlet system CS piping works, total 25.000 " SS and CS welding work has been done by us.



Project Date : 2023

Company : ESAN - Lead and Zinc Plant ECZACIBAŞI Balıkesir / TÜRKİYE

Project Name: Gas and Fan Duct Installation

Within the Project Scope;

Installation of 400 tons of ducts, 180 tons of fan equipment as exhaust ducts, fan silencers and equipment It has been made.



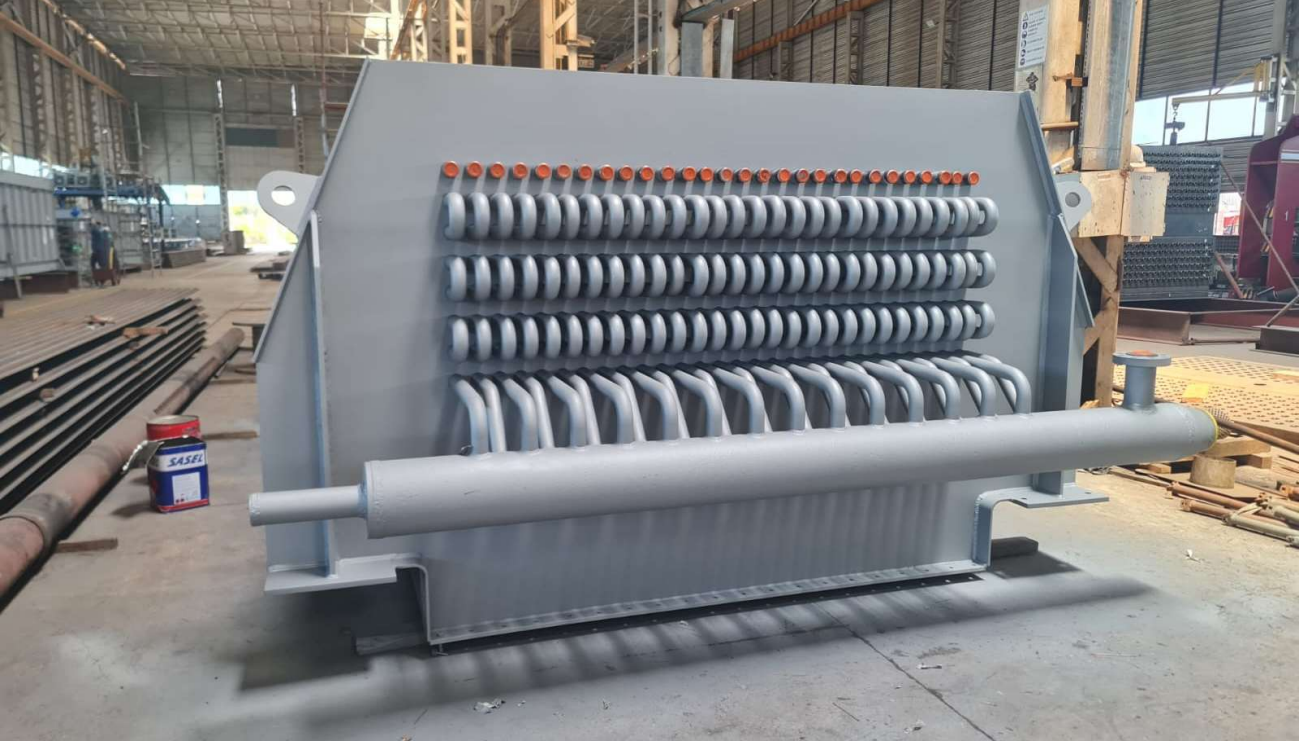
Project Date : 2023

Company : TUTGU Food Products (Kırşehir Sugar Plant) - KIRŞEHİR

Project Name: HP – LP Spool Production

Within the Project Scope;

245 tons of pipes and boiler membrane walls were manufactured by us.
(Pipe Qualities: P265GH, P11, P22, P91, X10, 16Mo)



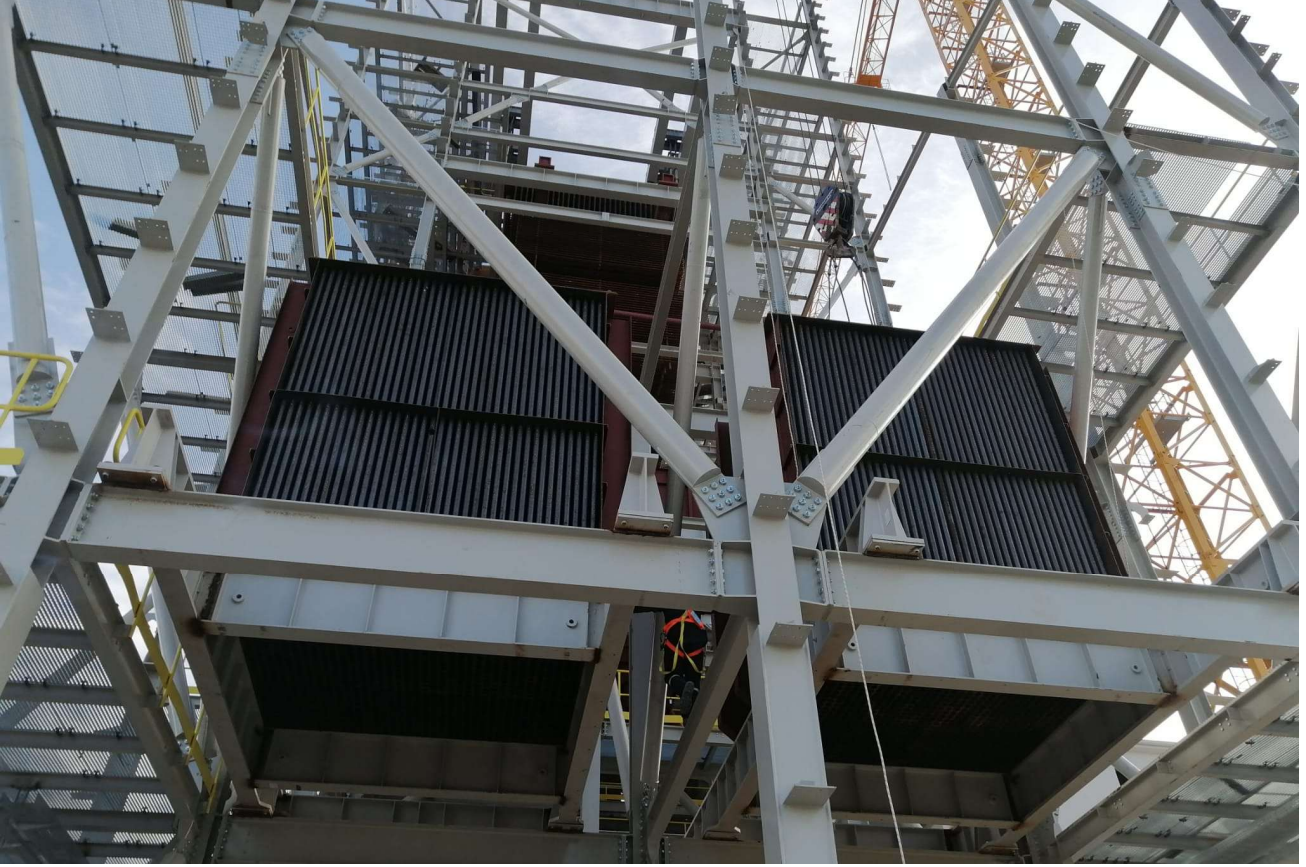
Project Date : 2023

Company : TÜPRAŞ A.Ş.

Project Name: Ekonomizer Bundle Production

Within the Project Scope;

250 tph boiler economizer manufacturing and installation works were carried out by us.



Project Date : 2023

Company : KIRŞEHİR Sugar Factory

Project Name: 130tph Steam Power Plant Installation

Within the Project Scope;

Boiler, Turbine, ESP, FGD, ash and coal system, 250m coal feeding conveyor system, HP - LP piping works, mechanical assembly and steel fabrication works were carried out by us.



Project Date : 2023

Company : POLATYOL A.Ş. – Tavşanlı Power Plant 51MW

Project Name: Revision - Planned Maintenance

Within the Project Scope;

- FGD Absorber gas duct disassembly and assembly works 1200 m²
- 8500 man/day planned maintenance personnel supply
- Preheater pipe replacement 2000 pieces (Q51*4 mm)
- Bag Filter, bag change 700 pcs



Project Date : 2023

Company : İÇDAŞ A.Ş.

Project Name: Revision Works

Within the Project Scope;

Iron and Steel Rolling Mill and Arc Furnace Piping (25.000m) and steel erection works were completed by us.



Project Date : 2023

Company : META-NİKEL KOBALT A.Ş. Manisa / TÜRKİYE

Project Nane : Planned Maintenance - Boiler Rehabilitation

Within the Project Scope;

75 tph Boiler Membrane wall replacement and panel replacement and assembly works were completed by us.



Project Date : 2024

Company : YENİKÖY ELEKTRİK ÜRETİM A.Ş. (420 MW)

Project Name: Rehabilitation Works

Within the Project Scope;

- Flue gas treatment Absorber and regova sheet metal disassembly assembly works
- Flake lining coating and painting works
- Mill and boiler maintenance planned maintenance works completed by us



Project Date : 2023

Company : KEMERKÖY ELEKTRİK ÜRETİM A.Ş. (672 MW)

Project Name: Mill Maintenance Works

Within the Project Scope;

Mill Maintenance and Revision works are completed with 25 welding personnel for 1 year.



Project Date : 2023

Company : AK ENERJİ - Erzin Natural Gas Combined Cycle Power Plant (904 MW)

Project Name: Boiler Economizer Repair Works

Within the Project Scope;

Mill Maintenance and Revision works are completed with 25 welding personnel for 1 year.



DANIELI

Project Dates : 2024 - 2025

Company : DANIELI

ITALY

Project Name: Steel Manufacturing, Hydraulic & Pneumatic Systems Manufacturing ,
Automation Works

Within the scope of projects realized for DANIELI;

Specific steel manufacturing for various overseas projects and hydraulic & pneumatic system manufacturing were completed and exported to the USA and Italy by our company.



Project Dates : 2024 - 2025

Company : ÇİMTAŞ STEEL

Bursa / TURKEY

Project Name: F.C. BARCELONA – Nou Camp Stadium Steel Works

Within the Project Scope ;

Our team of approximately 70 people, consisting of welders and steel fabrication personnels was involved in the manufacturing process of the project.



Project Dates : 2024 - 2025

Company : ÇİMTAŞ STEEL

TURKEY

Project Name: Steel Manufacturing Works

Within the Project Scope ;

Our team of approximately 20 welders and steel fabrication personnel has been involved in the manufacturing process for various ship repair projects. Our team of approximately 20 welders and steel fabrication personnel has been involved in the manufacturing process for various ship



Project Dates : 2024 - 2025

Company : CARAN CHEMICAL

TURKEY

Project Name: Reactor Assembly, Piping, and Instrumentation Works was Completed Under the New Investment Scope

Within the Project Scope ;

Reactor assembly, piping, and instrumentation works was completed under the new investment scope.



Project Dates : 2025

Company : TUTGU Gıda A.Ş.

TURKEY

Project Name: WKT Unit Piping And Insulation

Within the Project Scope ;

We have completed the piping and insulation work for the VKT unit at the sugar factory, which will ensure maximum slurry purity and efficiency during crystallization and evaporation in sugar production.



Project Dates : 2025

Company : BOR Şeker A.Ş.

TURKEY

Project Name: Ethyl Alcohol Fermentation and Distillation Units Investment

Within the Project Scope ;

We have completed the piping and insulation work for the VKT unit at the sugar factory, which Alcohol Tank Overhaul Works, Distillation unit piping Works, Low and high pressure piping works for ethyl alcohol auxiliary facilities has been completed by us.



Project Dates : 2025

Company : GREEN ENERGY CHEMICALS A.Ş.

TURKEY

Project Name: Boiler Revision

Within the Project Scope ;

Boiler Rehabilitation Works - Institutional blowdown system - Boiler blowdown system -
Sample collection and dosing system installation is carried out by us.



Project Dates : 2025

Company : KALE CARE CHEMICALS A.Ş.

TURKEY

Project Name: New Plant

Within the Project Scope ;

65 tons of steel construction manufacturing and installation has been completed..



Project Dates : 2025

Company : KARTALLAR EGE ENERJİ A.Ş. TURKEY

Project Name: Planned Maintenance Works

Within the Project Scope ;

Our team of 45 welders and steel fabrication personnel carried out various revision work, manufacturing, and piping installation work.



Project Dates : 2025

Company : İÇDAŞ A.Ş.

TURKEY

Project Name: Planned Revision Works

Within the Project Scope ;

We have completed the replacement of the vortex tube in the fluidized bed boiler.
(Conical cyclone – SS304 – 34 tons)



Project Dates : 2025

Company : SPG DRY COOLING

TURKEY

Project Name: TN MALEIK Project / Cooling Tower Piping Works

Within the Project Scope ;

The spool manufacturing was prepared in accordance with the provided specifications and delivered with 100% NDT compliance

“ Your Industrial Solution Partner “



CDG MÜHENDİSLİK SANAYİ VE TİCARET A.Ş.



Fethiye Mah. Kale Sk. Güngör İş Merkezi K:2 D:4
Nilüfer – BURSA / TÜRKİYE



+90 531 698 7371



info@cdg-is.com