



**MAT**  
HEAVY INDUSTRY

# FABRICATION

[www.matheavyindustry.com](http://www.matheavyindustry.com)

MAT Heavy Industry is a subsidiary of MAT Group of companies, specialized in industrial equipment design, fabrication and installation in accordance with international standards and regulations.





# ABOUT US

## MAT GROUP

In 2013, BTB started its adventures in different countries and first abroad project was the quality management works of pipeline project in Basrah Iraq. Immediately after Iraq, BTB awarded a project from one of the biggest contractors in the world for water infrastructure project of Kutaisi, Poti and Anaklia cities of Georgia. After completion of many successful projects, BTB started to work in different countries by the reference of its clients.

In 2017 BTB Mechanical Construction Company is built and new Group started to work in new geographies like Afghanistan, Djibouti etc.

Until today, group companies completed projects in 9 countries.

In 2017 Mat Pipe, Mat Industrial and Mtr Steel companies are also built and Mat Group is locked on its targets with different sectors. Activities of the group are generally:

Construction Projects  
Industrial Projects  
Pipeline / Piping / Instrumentation  
Heavy Industry Equipment Fabrication / Installation  
International Trade



## MAT HEAVY INDUSTRY

MAT Heavy Industry is founded in 2017 and specialized mainly in engineering, manufacturing and installation of high quality process and storage equipment related with petroleum, petrochemical, chemical and fertiliser industries, power plants and storage terminals, such as cylindrical and spherical storage tanks, heat exchangers, pressure vessels, process columns and pressurized piping for industrial plants..





## SERVICES

# STORAGE TANKS

MAT Heavy Industry fabricates storage tanks of all types and capacities, including design, manufacturing, assembly, tests and commissioning stages. Our company which completed many different stages of fabrication and erection of storage tank projects in different countries, is also one of the Turkey's first 5 API 653 Authorized Inspection Agency.

At every stage of the work related to aboveground storage tanks, the following standards or different international standards are used according to the demands of the customers.

- API Std 650
- API Std 653
- API Std 651
- API Std 620
- API Std 652
- ASME Sec V
- ASME Sec IX



# SERVICES

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## PRESSURE VESSELS

MAT Heavy Industry is full range provider for pressure vessels including design, manufacturing installation, hydrostatic tests, nondestructive tests and QC management for international projects or to support other contractors, MAT Heavy Industry offers technical supervision to ensure safe, efficient, proper installation of products.

Mat Heavy Industry performs all pressure vessel activities in accordance with related international standards. Some of these standards:

- ASME Sec VIII Div. 1
- AD 2000 Merkblätter
- ASME Sec IX
- EN 13445
- API 510
- ASME Sec





# SERVICES

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## HEAT EXCHANGERS

MAT Heavy Industry is full range provider for heat exchangers including design, manufacturing installation, hydrostatic tests, nondestructive tests and QC management. for international projects or to support other contractors, MAT Heavy Industry offers technical supervision to ensure safe, efficient, proper installation of products.

Mat Heavy Industry performs all pressure vessel activities in accordance with related international standards. Some of these standards:

- ASME Sec I
- AD 2000 Merkblätter
- ASME Sec IX
- API 510
- ASME Sec V





# SERVICES

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## PIPING WORKS

MAT Heavy Industry is a full range provider for piping systems including design, manufacturing, installation, hydrostatic tests, nondestructive tests and QC management. MAT Heavy Industry's scope for piping can be process piping for tank farms, chemical industries, petroleum facilities, manifolds at pipelines etc. for international projects or to support other contractors, MAT Heavy Industry offers technical supervision to ensure safe, efficient, proper installation of products.

MAT Heavy Industry performs all piping activities in accordance with related international standards. Some of these standards are:

- ASME B 31.3
- ASME B 31.8
- ASME Sec IX
- ASME B 31.4
- API 1104
- ASME Sec V



# SERVICES

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## STEEL STRUCTURE

MAT Heavy Industry is carrying out fabrication and installation works of Steel Structure Projects from design to installation stages.

All engineering practices and new developments are followed by MAT Heavy Industry. In our workshops we fabricate steel structure and in case of customer request site installations are carried out by experienced staff.

Some of steel works in scope of MAT Heavy Industry:

- Steel Structure Buildings
- Bridges
- Pumping Stations
- Factories
- Ladders
- Decorative Steel Works





# SERVICES

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## WELDED FABRICATIONS

Apart from fabrications designed by MAT Heavy Industry, we are making welded fabrications for our Clients as tailor made products.

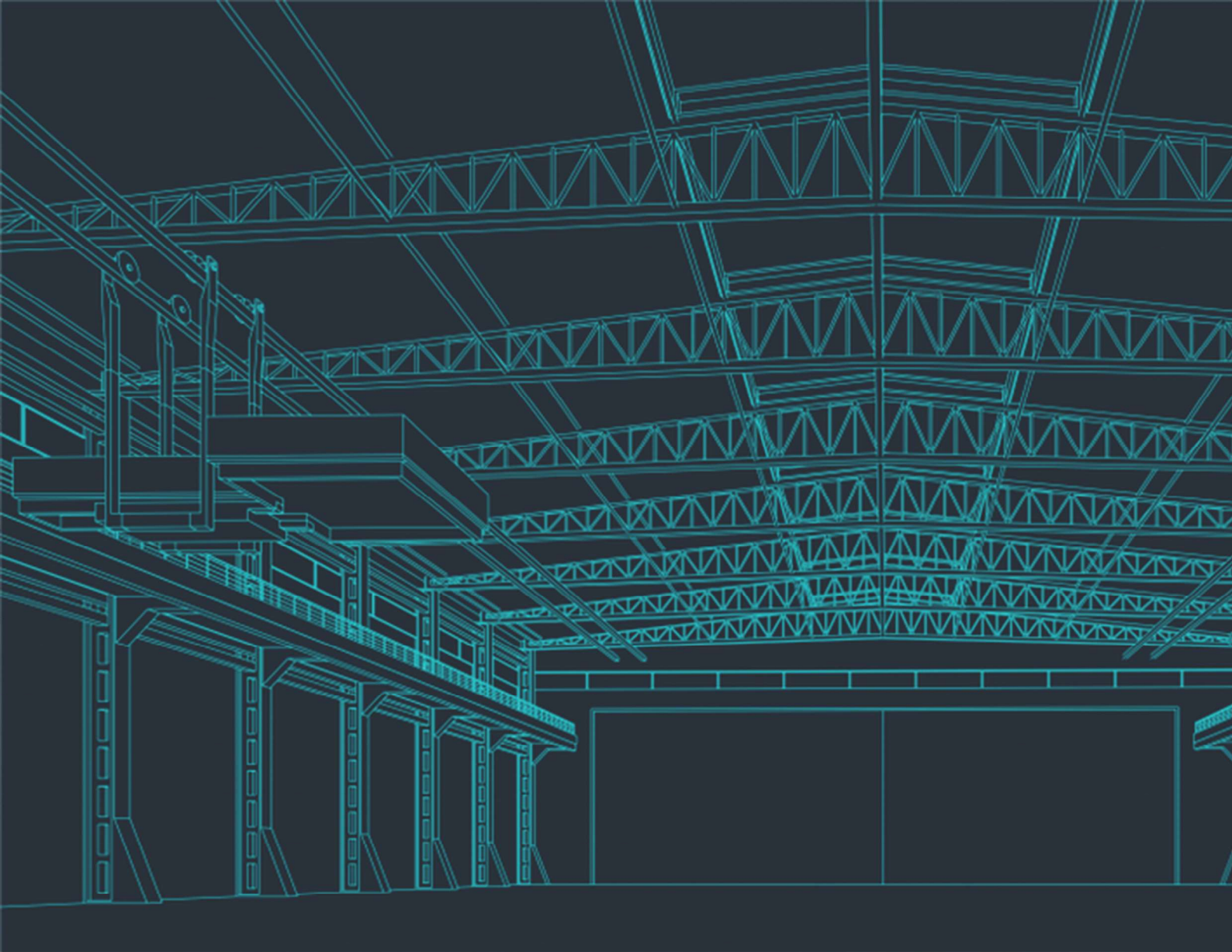
Upon technical requests from our Clients, we are also making design works by cooperation with the end users.

Some of the fabrications MAT Heavy Industry is fabricating:

Towers and Accessories  
Drums  
Stacks  
Columns  
Driers  
Skids  
Converters  
Autoclavs

Furnaces  
Agitators  
Separators  
Flare Systems  
Feeders  
Conveyors





# ENGINEERING

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# DESIGN

MAT Heavy Engineering specialises in process plant design, procurement, constructions supervising and project management of large scale engineering projects. We provide process plant design engineering expertise throughout all phases of a project. Our areas of expertise are conceptual design, cost estimation and feasibility studies, FEED (front end engineering design), detailed engineering, site construction supervising and commissioning.

Major design standards under practice are ASME (Section I, Section VIII Div. 1 & 2, ASME PVHO-1, ASME B31.1 and ASME B31.3), API650 & API620, TEMA, EN13445, EN14015, EN13385, BS, CEMA, AD Merkblatt & others.

Softwares :

AutoCAD  
PV-Elite  
Compress  
Caepipe  
Caesar

E Tank 2000  
AME Tank  
STAAD-Pro  
ANSYS  
Solid Works







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