



SERVICES

www.matpipe.com

MAT Pipe is carrying out services for all stages of a piping project. Piping engineering is profession of MAT Pipe's teams.



ABOUT US

MAT PIPE

Mat Pipe is a subsidiary of MAT Group which is serving in various geographic in construction sector.

After completion of a lot of successful project; the group decided to supply all needs of the projects also a material supplier only. Mat Pipe is built to fulfill all procurement needs of a pipeline / piping project or in case of need very small piping elements.

Mat Pipe is able to make engineering of all types of piping/pipeline and with the experienced teams, suppliers ranged over a wide field, our clients' all needs are satisfied with only one agreement.

Until today we supplied pipes, piping elements, flanges, pumps, valves, couplings,.... to 11 countries in the world.



OUR PRINCIPLES

Design: MAT Pipe follows the last improvements in pipeline engineering sector and uses the best softwares for achieving the best results for its Clients.

Fabrication: MAT Pipe fabricates pipes and piping products in accordance with international standards and best engineering practices in it's factory in Turkey.

Quality: Quality is one of the most important part of MAT Pipe's fabrication process. Skilled/qualified personnel and usage of internationally accepted standards and implementation of ISO 9001 Quality Management System is the way to reach our Quality targets.

Safety: MAT Pipe's most important principle is SECURITY. NOTHING IS MORE IMPORTANT THAN THE LIVES OF PEOPLE! We are checking every step of our activities for health, safety and environment.



SERVICES

1

PIPELINE ENGINEERING

Mat Pipe starts pipeline design from surge calculation, stress analysis and continues to design process until fabrication drawings. The recent developments about engineering of piping/pipelines are followed.

2

SPOOL FABRICATION

MAT Pipe prefabricates spools for piping projects. Under favour of better conditions in workshop spool fabrication is advantageous for prefabrication of pipes.

3

TURNKEY PROJECTS

MAT Pipe is serving to its customers for turnkey piping/pipeline projects. Process engineering is followed with the analysis, design engineering. After all design studies, we also carry fabrication and installation steps until the end of tests at site.

4

MATERIAL SUPPLY

Apart from design, fabrication and installation, MAT Pipe provides all kind of materials about piping projects. MAT Pipe has a ver wide range of suppliers, around world and serves for the best result with its own fabrications and suppliers.



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PIPELINE ENGINEERING

MAT Pipe is full range provider for piping and pipeline projects including design, fabrication, installation, hydrostatic tests, nondestructive test and QC management. Mat Pipe's scope for piping can be process piping for tank farms, chemical industries, petroleum facilities, manifolds at pipelines.

For international projects or to support other contractos, Mat Pipe offers technical supervision to ensure safe, efficient, proper installation of pipes.

STANDARDS

All piping/pipeline activities are performed in accordance with related international standards. Some of these standards:

ASME B 31.3

ASME B 31.4

ASME B 31.8

API 1104

ASME Sec IX

ASME Sec V.



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TURNKEY PROJECTS

MAT Pipe is a full range provider for piping systems including design, fabrication, installation, hydrostatic tests, nondestructive tests and QC management.

MAT Pipe's scope for piping projects can be process piping for tank farms, chemical industries, petroleum facilities, manifolds at pipelines, water infrastructure projects, water pumping stations, water reservoirs etc.

From beginning to the end of piping projects MAT Pipe works with internationally experienced and skilled personnel and follows international standards and regulations.

MAT Pipe performs all piping/pipeline activities in accordance with related international standards and regulations..



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SPOOL FABRICATION

Pipe spool fabrication is cutting, beveling, welding of steel pipes, elbows, flanges, fittings etc for pipelines or piping structures.

In workshop conditions, better results can be achieved for pipe welding and prefabrication in compare to site conditions.

MAT Pipe prefabricates pipe spools in accordance with the drawings provided by its Clients or prepared by Mat Pipe.

A wide range of pipe types can be fabricated in MAT Pipe's workshop.



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MATERIAL SUPPLY

Apart from design, fabrication and installation, MAT Pipe provides all kind of materials about piping projects. MAT Pipe has a wide range of suppliers around world and serves for the best result with its own fabrications and suppliers.

MAT Pipe always follow the last improvements and in engineering and construction sectors to provide best materials for its clients.

All materials supplied by MAT Pipe are delivered to customers after a serious control period. Internationally accepted standards are the way to control materials.

On time, safe, best quality are the most important mottos of MAT Pipe.



QUALITY

1

PLAN EXECUTION

Although it is the road map of the project it is the basic document that defines the whole path to be followed in the project objectives.

2

QUALITY PLAN

It is the definition of Project Management and all other staff's commitment to quality, methodology and responsibilities to achieve the purpose.

3

FABRICATION PROCEDURE

It is the written documents created by MAT Pipe within its own structure and presented to the staff on how to perform the basic processes.

4

INSTALLATION PROCEDURE

These are the documents stating how to work for all activities that will continue throughout the project without making the slightest concession from quality and occupational safety requirements.

5

CONTROL & TEST PLAN

These are the plan and program documents that indicate the conditions under which the controls of our projects will be from the design stage to the manufacturing and assembly stages.

6

QUALITY TALKS

Before starting each job at factory or worksite, quality meetings are held with all related personnel. At site, daily quality briefings are given by site quality responsible to all team.

FLAGSHIP PROJECTS



Mechanical works of following pumping stations / reservoirs was completed within the scope of Water Infrastructure Projects of Kutaisi, Poti and Anaklia cities of Georgia:

Kutaisi
Vazha Pshavela Pump Station
Kdiashvili Pump Station
Tetramitsa Su Rezervuari
Vazha Pshavela Temporary Pump Station
Bypass Lines
Poti
Nabada Pump Station
Anaklia
Darcheli Pump Station
MAT Pipe completed the design, fabrication and on-site installation of the piping works, as well as the assembly of all mechanical equipment including pumps.

Jet fuel piping stress analysis And modification in accordance with (ASME B31.1)

Design and stress analysis of jet fuel piping.

Determination of types and locations of supports, pump nozzle stress check tasks are completed.

Client : NSPA KABUL NATO BASEMENT





Adres :19 Mayıs Mah. İnönü Cad. Sumer
Sok. Zitas Sitesi D-1 D.8
Tel : +90216 3505200
Eposta: info@matpipe.com
Web : www.matpipe.com

