

OIL & GAS

Sectoral Product Portfolio



2023



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01 About Us

TURALI GROUP is an international company group, formed by the combination of companies that were founded in steel in Germany in the 1970s and companies that operated in rubber in China during the same period. With its head office in Turkey, production facilities in China, Taiwan and Germany, and commercial offices in Azerbaijan and Niger, it keeps the pulse of global trade.

As TURALI GROUP, our superior technical and customer service support and production expertise enable us to consistently deliver top quality products and value to our customers. We supply large projects around the world by adding value to our customers' work.

Quality Certificates

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

ISO 3834-2



30000+

Happy Customer



450+

Completed Project



40+

Export to Country



30+

Year



Hydraulic & Pneumatic Equipment Manufacturing



Metal and Engineering Plastics Manufacturing & Supply



Steel Construction, Heavy Industry, Industrial Facilities



Mechanical Equipment Manufacturing & Supply



Special Machinery Production and Automation Systems

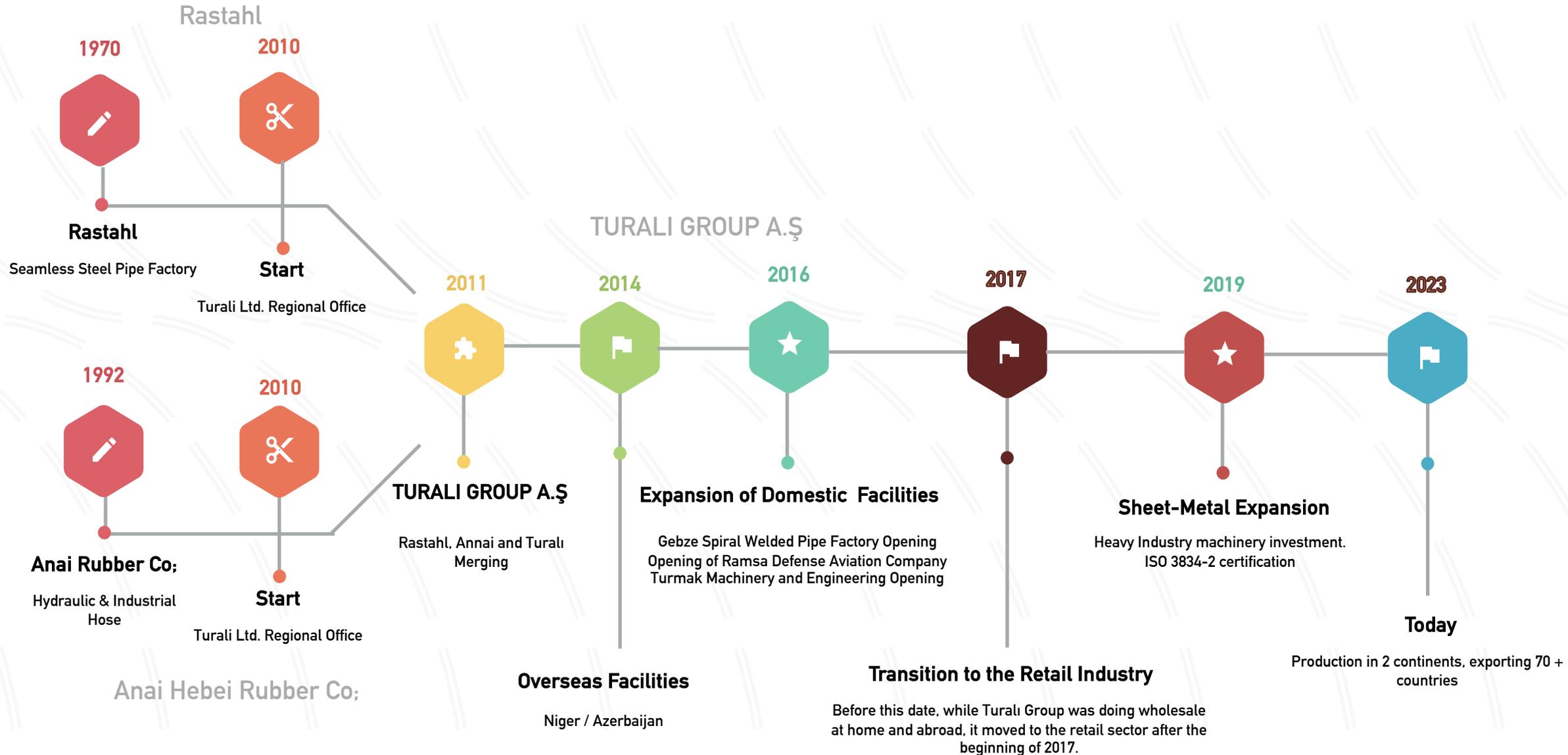


Foreign Trade and Global Supply Service



Equipment and Engineering Services for Defense Industry

TURALI GROUP Group of Companies History



Global Facilities



70 Export
Countries

4 Facilities
Continents

TURKEY

Turalı Group A.Ş.
Ankara / Türkiye

CHINA

Annai Rubber Co.
Hebei / China

U.S.A

Turali LLC
Virginia / A.B.D.

NIGER

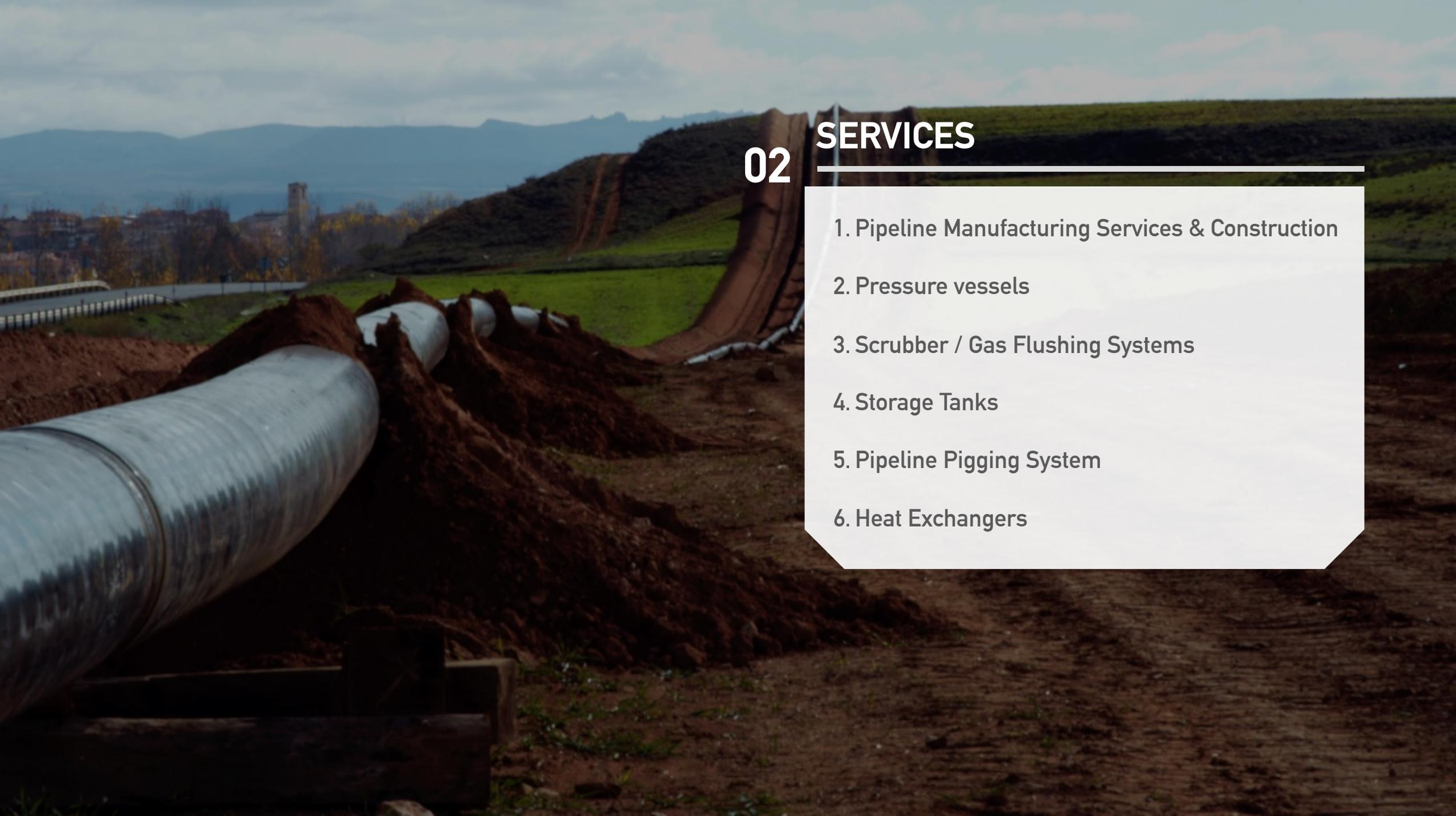
Turali Africa LLC
Niamey / Niger

TUNISIA

Turali Nile LLC
Sfax / Tunisia

AZERBAIJAN

Turali Azerbaijan LLC
Baku / Azerbaijan



02

SERVICES

1. Pipeline Manufacturing Services & Construction
2. Pressure vessels
3. Scrubber / Gas Flushing Systems
4. Storage Tanks
5. Pipeline Pigging System
6. Heat Exchangers



1. Pipeline Manufacturing Services & Construction

TURALI GROUP provides oil and gas pipeline construction and maintenance services to leading energy customers. It continues to grow steadily to become a leader in the industry by focusing on safety, work quality, customer satisfaction and employee development. TURALI GROUP, with its state-of-the-art manufacturing workshop, has the resources to complete major manufacturing projects for pipelines, fuel terminals, pump and compressor stations, refineries and power plants.

OTHER SERVICES

- PIPELINE CONSTRUCTION UP TO 36" DIAMETER
- COMPRESSOR STATIONS
- METER / PUMP STATIONS
- CATWALK
- PIG LAUNCHER
- ABOVE GROUND PIPING
- PIPELINE COATING
- HYDROSTATIC TEST



2. Pressure Vessel

TURALI is a specialist designer and manufacturer with extensive experience providing pressure and atmospheric engineering to order factory fabricated and prefabricated storage tanks, pressure vessels and process equipment to oil and gas, petrochemical, chemical, pharmaceutical, agriculture, water, wastewater and utilities.

- OIL, GAS AND AIR SEPARATIONS
- PIG THROWERS AND PIG RECEIVERS
- HEAT EXCHANGER
- BALANCE TANKS
- BOILERS
- REACTORS
- CRYOGENIC CONTAINERS
- FILTRATION CONTAINERS
- DRUMS & COLUMNS
- MIXER TANK
- AIR RECEIVERS
- EVAPORATORS AND DRYERS
- WATER PURIFICATION TANKS



3. Scrubber Systems

Harmful gases and odors resulting from the activities of industrial facilities and businesses pose a great threat to human and environmental health. Some systems need to be developed to protect our environment from these harmful substances. Gas purification systems installed in this direction make a significant contribution to ensuring environmental safety. This system prevents the formation of acid rain by purifying the acidic gases from the exhaust before they are released into the sky.

- CAN HANDLE HIGH TEMPERATURE FLOW AND VERY HUMID FLOW
- SMALLER SPACE REQUIREMENTS
- PROVIDES COOLING OF HEATED GASES
- LOW PURCHASING COST
- CAN REMOVE GAS AND PARTICLES IN A SINGLE UNIT
- DEACTIVATED HIGHLY CORROSIVE GASES AND DUSTS
- NO TEMPERATURE LIMITS WITH THE USE OF HEAT REDUCTION OPTIONS
- WHEN PROPERLY DESIGNED AND OPERATED, IT CAN PROCESS HIGHLY FLAMMABLE DUSTS WITH LITTLE RISK OF EXPLOSION





4. Storage Tanks

Our bolted and welded steel tanks are used to store crude oil in oil fields. Additionally, our storage tanks can be used to preserve produced water as well as raw water used during the hydraulic fracturing process. Our epoxy coatings inside tanks are durable enough to withstand the brine and brine found in saltwater treatment plants. We can also design and manufacture oil washing tanks used to separate oil and water. Our larger crude oil storage tanks are used in oil terminals, petrochemical processing facilities and pipeline networks.

- WELL FIELD AND TERMINAL CRUDE OIL STORAGE
- FRAC WATER TREATMENT PLANTS
- OIL REFINERIES
- BIO-ENERGY PROCESSING PLANT STORAGE
- GENERAL HYDROCARBON STORAGE



5. Pipeline Pigging Systems

Turalı designs and installs complete, standard launching and receiving systems that offer you many significant advantages in the installation and maintenance of a successful pigging operation.

Our standard launch and receiver systems are complete packages. Valves, pipes and conveying equipment are assembled and tested and ready for installation in the field.

- EXTEND THE LIFE OF YOUR PIPELINE SYSTEM
- IMPROVE FLOW RATES AND 'C' VALUES
- REDUCE OPERATING COSTS
- INCREASE WATER/PRODUCT QUALITY
- RECOVER USABLE PRODUCT





6. Heat Exchangers

Turali specializes in the custom design and manufacturing of Shell and Tube Heat Exchangers serving customers in a wide range of industries including chemical, pharmaceutical, biotechnology, personal care, food processing, dairy, refining and more. We have the capabilities and expertise to size, design and manufacture your heat exchanger to the highest standards.

- U-PIPE TYPE
- SINGLE PASS STRAIGHT FIXED PIPE
- TWO OR MULTIPLE PASS STRAIGHT FIXED PIPE
- FLOATING HEAD



An aerial photograph of an industrial facility, likely a refinery or chemical plant. The image shows a complex network of large, light-colored pipes and cylindrical vessels. There are several metal walkways and ladders scattered throughout the site. The ground is covered in gravel. The lighting is bright, casting shadows from the structures.

02 PRODUCTION & SOURCING

1. Steel Products
2. Mechanical and Insulation Products
3. Fluid System Products
4. Special Productions



1. Steel Range

We offer a wide range of products, from steel pipes to heavy plates and wire ropes, meeting most of the energy industry's requirements. Explore our product range below with 3.1 and 3.2 certified options:

Steel Pipes for the Energy Sector



- LSAW/SSAW
14" - 200"
- Seamless Carbon and Alloy Piping
4" - 24"
- OCTG (Oil Country Tubular Goods)
Pipes
2 3/8" - 16"

High Strength Steel Plates



EN 10225-1, NORSOK and API
Thickness range: 5 mm to 760 mm
Yield strength range:
355 – 490 N/mm² or higher

Steel Beams and Profiles



American Dimension
W: 4"x4" to 44"x16»
British Dimension
UB: 152x89 to 1100x400
UC: 152x152 to 356x406
European Dimension
H: 100 - 1000
IPE: 180 - 750
UPE: 180 - 400

Bulb Profiles



Dimensions
60 – 430mm
EH 36 / 10225



2. Mechanical and Insulation Products

TURVA, which attaches great importance to quality standards, produces products in the size range of DN15 - DN 4000 in "DIN, EN, ANSI and JIS" standards and quality with TS EN ISO 9001:2015 certificate .

Flange and Welded Connections



ASA, ANSI, ASME
PN, DIN, BS10, JIS, KS
BW, SW, THREADED and other.
DN15 – DN4000
1/16" - 100"

Tattoo Product Group



CLASS 2000 – 9000
BW, SW, THREADED and other.
ASME B16.11
ASME B1.20.1

Valve Group



API/ANSI Norm
GATE & GLOBE
BALL
CHECK VALVE
COMPENSATOR
BUTTERFLY

Insulation Products



CERAMIC WOOL MATERIALS
GLASS WOOL
ROCK WOOL
EXPANDED POLYSTYRENE (EPS)
POLYETHYLENE
CORRUGATED SHEET



3. Fluid System Products

Especially important relative variables such as landslides, mechanical connection problems, sealing element problems, corrosion and deformation. With its minimal impact, it is becoming more preferred in current projects. Turalı solves these problems with his expertise in fluid technology. It offers its services to you to prevent it.

High Pressure Connection Systems



- Quick Connectors
- High pressure valves
- Fasteners that can work with high corrosion

Flex Hose Group



- Flex Hose Lines API 17K
- Drilling Hoses API 7K/16C/17K
- Well Service Hoses API 16C/17K
- Marine Transport Hoses

Power Unit systems



- Hydraulic Power Units
- Cylinder Production
- Flushing Equipment

Rotary Joint



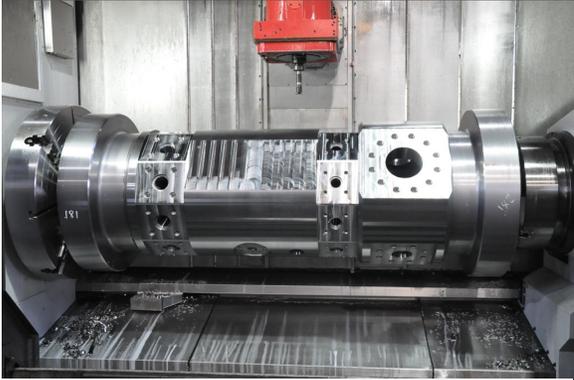
- Moon Pool Cover Hoses
- Submarine Flow Line and Jumper Systems
- Floating Production Storage and Unloading
- Umbilical Hose Reel Systems
- Top Drive Systems
- Hot Blades and Sockets



4. Custom Productions

We offer special manufacturing for the oil and gas sector in Turalı. Our production area of over 5,000 square meters provides us with the necessary capabilities to provide you with high-quality, reliable and safe products that fully meet your needs. Steel fabrication for the oil and gas industry involves designing and engineering the parts, products and components required for safe use in the industry.

Machining



- Precision Production Capability

4mm – 5400mm

2-3-4-5 Axis Production Opportunity

Welded Manufacturing



- ISO 3834-2 Welded Manufacturing Qualification
- Extensive WPS/PQR Library
- Certified Engineer and Production Personnel

Assembly / Test Capability



- Mechanical Assembly
- Electromechanical Assembly
- Static Pressure Test Capability
- ISO 16232/VDA 19 Cleanliness Testing and Cleaning

Software Services



- Analysis of Chemicals
- Increasing Productivity
- Ensuring Workplace Safety
- Data security
- Management and Office Technology

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**OUR WORK IS
YOUR POWER**



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