

**Piping &
Flow Products**

**Process Equipment
& Instrumentation**

Plates & Coils



THE STEEL PIPING PEOPLE!!!

Welcome To ATIQ AL DHAHERI & CO (AADTRA)

WHO WE ARE

Atiq Al Dhaheri & Co (AADTRA) was founded in 1992 by a team of enthusiastic entrepreneurs, who believed that they could revolutionize the piping business in GCC region. Originally starting out as a small family business, AADTRA is now an emerging force in the field of carbon steel, special steel, Alloys & Stainless Steels catering to GCC regional markets.

AADTRA registered with Abu Dhabi Oil & Gas companies and other major end-users in GCC region. AADTRA has more than 30 years of project supply experience in MENA region.

We serve GCC customers through regional sales locations as well as customers from around the globe from our Jebel Ali sales office. Our experienced inside sales team is ready to assist you with all your requirements, including specialized and time-sensitive orders.

AADTRA has reputation for piping the most reliable supplier of pipes, fittings, flanges, valves, and other oil field industry-related products and a leading stockholder in the Middle East and North African region.

OUR INDUSTRIES

- Oil & Gas
- Power Generation (Energy)
- Petrochemical / Refineries
- Pressure Vessel
- Pipeline
- Marine
- Construction
- Water Treatment and Desalination
- Fertilizers

PROJECT TEAM

AADTRA focuses on turnkey projects and emergency supplies for shutdowns with all major Oil and Gas operating companies within GCC region, AADTRA has built up a high reputation as being a reliable and on-time supplier which is our key to success. We are known as the largest stockist for piping materials having warehouses in Abu Dhabi and Jebel Ali.

AADTRA provides High-quality materials at the most competitive price to its customers both locally & internationally and in the region. This is achieved by a highly experienced & dedicated workforce and through a dedicated regional network of agents and principals delivering goods from our huge inventory or tailor-made to customers' individual requirements.

Our unique supply strength has enabled us to become a trusted partner of the energy sector of the entire MENA region, who count on our unmatched expertise to deliver innovative and reliable solutions in challenging conditions. We are efficient in our management of cross-disciplinary operations, and with our commitment to excellence. We work with our partners to deliver a cost-effective project solution to clients that would boost their business outcome.

WHAT WE DO

- PROJECT SERVICES
- SUPPLY PACKAGES
- PROCUREMENT & SOURCING
- PROJECT MANAGEMENT

PRODUCTS

We deliver a wide scope of piping & pipeline products both seamless and welded in outside diameters ranging from 1/2" to 72".

Products can be fast-track supplied from our stock locations or from new production with carefully selected manufacturers, enabling us to take up any complex project or to comply with the most stringent technical requirements.

AVAILABLE GRADES as per ASTM and API 5L

- 2" to 24" OD

PRODUCTS

- Seamless Pipe
- Welded Pipe
- Fittings
- Flanges
- Pipeline Barred Tees
- Hot induction Bends
- Valves
- Structural Products



COATING

- Internal & External Fusion Bonded Epoxy (FBE) Coatings
- External 3-Layer Polyethylene & Polypropylene Coating
- Concrete Weight Coating
- Specialized Coating & Customs Coating as per request

MATERIAL REQUIREMENTS

- High strength Carbon steel for Process and Structural application
- Low-temperature service
- High-temperature service
- HIC (Hydrogen-Induced Crack) as per NACE
- SSC (Sulfide-Stress-Corrosion Crack)
- Stainless, Duplex, super-Austenitic Steel, Copper and Copper Alloy
- Heat Treatments Quenched and Tempered Normalizing
- Alloy Clad Steel (Hot roll bonded type & Explosion bonded type) or Weld Overlay NACE MR0175 / - 150 15156

OUR PRODUCTS

SEAMLESS PIPES

Known for their strength and durability, our seamless pipes are ideal for high-pressure applications.

Available in following material grades:

**Carbon Steel, Stainless Steel, Alloy Steel,
(Super)Duplex, Nickel Alloy**



WELDED PIPES

Available in various specifications and perfect for applications where strength and corrosion resistance are crucial. Welded pipes are produced by welding the edges of steel plates or coils.

Available in following material grades:

**Carbon Steel, Stainless Steel, Alloy Steel,
(Super)Duplex, Nickel Alloy**

FITTINGS

AADTRA offers a diverse range of different high-quality fittings. Both Butt weld Fittings and Forged Fittings are included in our scope of supply.

Buttweld (BW) Fittings

These fittings are used to connect pipes by welding them together, creating a strong joint. Common shapes of Buttweld Fittings are 45° and 90° Elbows (long radius and short radius), Reducing and Equal Tees, (Concentric and Eccentric) Reducers and Caps, which are all included in our range of supply.



Available in following material grades:

**Carbon Steel, Stainless Steel, Alloy Steel,
(Super)Duplex, Nickel Alloy**

FORGE FITTINGS

Our product range includes :

Forged Fittings & Reinforced Branch Outlets and Flanged Branch outlets in all grades
• API Tubing and Casing Couplings
• Threaded steel fittings for steam and fire-fighting.
• Forged Fittings as per: ASME B16.11, BS 3799, MSS SP83, MSS SP79, MSS SP95 standards.



OUR PRODUCTS

BRANCH CONNECTIONS

AADTRA Group's range of supply includes all different types of branch connections, where smaller pipes are required to connect to a larger main pipeline.

Weldolets, Nipolets, Threadolets, Sockolets, Elbolets, Nipoflanges and Weldoflanges are included in our product program and can be supplied both fast-track from our stock locations or from new production with our partner manufacturers.

Available in following material grades:

**Carbon Steel, Stainless Steel, Alloy Steel,
(Super)Duplex, Nickel Alloy**



In addition to the above mentioned types, other (custom-made) flanges can be produced and tested upon drawing or any specific requests.

FLANGES

Our extensive range of flanges and wide knowledge on these piping components allow us to be of support on any challenging project involving flanges.

The range of flanges that can be supplied by the AADTRA includes:

Weld Neck Flanges, Long Weld Neck Flanges, Blind Flanges, Socket Weld Flanges, Slip-On Flanges, Lap Joint Flanges, Threaded Flanges, Orifice Flanges, Reducing Flanges, Nipoflanges and Compact Flanges.

In addition to the above mentioned types, other (custom-made) flanges can be produced and tested upon drawing or any specific requests.

Available in following material grades:

**Carbon Steel, Stainless Steel, Alloy Steel,
(Super)Duplex, Nickel Alloy**



PIPELINE BARRED TEES

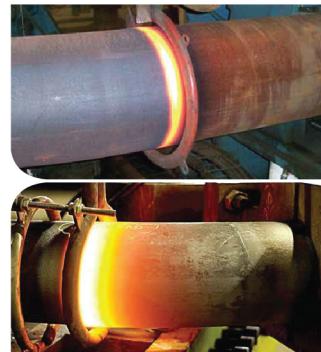
AADTRA Group has a strong expertise in the total project management of pipelines and pipeline materials.

Typical products, such as Barred Tees, Valves, Hot Induction Bends, Isolation Joints (G-Joint®) Spectacle Blinds, Pipe Coatings, Clad Pipes, large bore Flanges, Fasteners and Gaskets are all within our scope of supply to complete any project pipeline package.



HOT INDUCTION BENDS

Hot Induction bending is a largely automated process carried out by a high-performance bending machine in conjunction with inductive heating with precise temperature control. AADTRA is associated with prominent bend manufacturers globally who can produce bends with diameter ranges from 2" up to 64" (1,600 mm) of various thicknesses. These induction bending machines can guarantee high productivity, excellent dimensional tolerances, and ensure a high degree of repeatability.



OUR PRODUCTS

PRESSURE GAUGES

AADTRA offers Process Control & Measuring Instruments & industrial technology solution provider. Our major products range includes Pressure, Temperature, Humidity, Level, Flow, Analyzers, Automation Products, Industrials Valves & Instrumentation Manifolds and Tube fittings and supply of all kinds of process control instruments.



STANDARD FULL SS PRESSURE GAUGE

Dial Size : 50mm, 63mm, 80mm, 100mm, 125mm, 150mm & 250mm
Ranges : -1 to 0....0.6 to 2100 bar
Wetted Parts : SS 316L & Monel
Mounting : Bottom, Back and with mounting bracket accessories
Accuracy : CL 0.5, CL 1.0 & CL 1.6
Dampening Liquid : Dry, Fillable & Filled
Standard followed : EN837-1, ANSI B40.1, IS 3624 & other National / International Standards



SOLID FRONT FULL SS PRESSURE GAUGE

Dial Size : 63mm, 100mm & 150mm
Ranges : -1 to 0....0.6 to 2100 bar
Wetted Parts : SS 316L & Monel
Mounting : Bottom, Back and with mounting bracket accessories
Accuracy : CL 0.5, CL 1.0 & CL 1.6
Dampening Liquid : Dry, Fillable & Filled
Standard followed : EN837-1, ANSI B40.1, IS 3624 & other National / International Standards



PHENOL CASE SOLID FRONT PRESSURE GAUGE

Dial Size : 4.5"
Ranges : -1 to 0....0.6 to 2100 bar
Wetted Parts : SS 316L & Monel
Mounting : Bottom, Back and with mounting bracket accessories
Stem Mounting :
Accuracy : CL 0.5
Dampening Liquid : Dry, Fillable & Filled
Standard followed : ANSI B40.1



SS CASE BRASS PRESSURE GAUGE

Dial Size : 40mm, 50mm, 63mm & 100mm
Ranges : -1 to 0....0.6 to 700 bar
Wetted Parts : Copper Alloy
Mounting : Bottom, Back and with mounting bracket accessories
Accuracy : CL1.6 & CL 2.5
Dampening Liquid : Dry, Fillable & Filled
Standard followed : EN837-1, ANSI B40.1, IS 3624 & other National / International Standards



LOW PRESSURE DIAPHRAGM PRESSURE GAUGE

Dial Size : 100mm & 150mm
Ranges : 1bar to 16bar & 0....250mmWC
Wetted Parts : SS 316, Monel & Hastelloy 'C-276'
Mounting : Bottom, Back and with mounting bracket accessories
Accuracy : CL 1.6
Standard followed : EN837-1, ANSI B40.1, IS 3624 & other National / International Standards



ELECTRIC CONTACT STANDARD FULL SS PRESSURE GAUGE

Dial Size : 100mm & 150mm
Ranges : -1 to 0....0.6 to 2100 bar
Wetted Parts : SS 316L & Monel
Mounting : Bottom, Back and with mounting bracket accessories



DIFFERENTIAL PRESSURE GAUGES

PISTON OPERATED

Dial Size : 63mm, 100mm & 150mm
Ranges : 25mbar to 4bar 200bar
Static Pressure : 200bar
Wetted Parts : SS 316
Mounting : Bottom, Back and with mounting bracket accessories
Accuracy : CL1.6 & CL 2.5



DIFFERENTIAL PRESSURE GAUGES SINGLE & DOUBLE DIAPHRAGM

Type : Single & Double Diaphragm
Dial Size : 100mm & 150mm
Ranges : -6000mmWC to 0 250mmWC to 16bar
Static Pressure : 60 bar (Single Diaphragm) & 100bar (Double Diaphragm)
Wetted Parts : SS 316, Monel & Hastelloy 'C-276'
Mounting : Bottom, Back and with mounting bracket accessories
Accuracy : CL1.6 & CL 2.5
Standard followed : EN837-1, ANSI B40.1, IS 3624 S. other National / International Standards

OUR PRODUCTS



Accuracy : CL 0.5, CL 1.0 & CL 1.6

Transmitter Full SS Pressure Gauge

Dial Size : 100mm & 150mm

Ranges : -1 to 0....0.6 to 600 bar

Wetted Parts : SS 316L & Monel

Mounting : Bottom, Back and with mounting bracket accessories

Accuracy : CL 0.5 (Transmitter)

Transmitter : 2 Wire, 24V DC

Dampening Liquid : Dry, Fillable & Filled

Standard followed : EN837-1, ANSI B40.1, IS 3624 & other National / International Standards

Dampening Liquid : Dry, Fillable & Filled

Standard followed : EN837-1, ANSI B40.1, IS 3624 & other National / International Standards

Contact Type : Magnetic Snap Action &

ATEX Inductive Contact

No. of Contacts : Single, Double &

Triple Contacts for ON / OFF action



BALL VALVE

Material : SS304, SS316, SS316L etc.

Connection : BSPP, NPT etc.

Pressure : 1500 psi, 3000 psi & 6000 psi



NEEDLE VALVE

Type : Isolation, Single Block & Bleed,

Double Block & Bleed, Multiport

Connection : BSPP, NPT etc.

Material : Alloy Steel, Stainless Steel, Duplex Steel,

Nickel Alloys, Superalloys, Titanium, Tantalum

Pressure : 6000 psi, 10000 psi & 15000 psi etc.



MANIFOLDS

Type : 2-Way, 3-Way, 4-Way, 5-Way, Distribution

Connection : BSPP, NPT, Coplanar etc.

Material : Alloy Steel, Stainless Steel, Duplex Steel

Nickel Alloys, Superalloys, Titanium, Tantalum

Pressure : 6000 psi, 10000 psi & 15000 psi etc.



MONOFLANGE

Type : Single Block & Bleed, Double Block & Bleed

Connection : Flanged as ANSI, EN etc.

Material : Alloy Steel, Stainless Steel, Duplex Steel

Nickel Alloys, Superalloys, Titanium, Tantalum

Pressure : As per Flange size & rating



BIMETAL TEMPERATURE GAUGE

Dial Size : 63mm, 80mm, 100mm, 125mm & 150mm

Ranges : -100°C to 0... 50°C to 650°C

Stem Sizes : 6.0mm, 6.35mm, 8.0mm, 9.5mm \ 10mm & 12.0mm

Mounting : Bottom, Back, Elbow & Every Angle

Accuracy : CL 1.0

Dampening Liquid : Dry, Fillable & Filled

Standard followed : EN13190 & other National International Standards



INERT GAS FILLED TEMPERATURE GAUGE

Dial Size : 100mm, 125mm & 150mm

Ranges : -100°C to 0... 50°C to 650°C

Stem Sizes : 6.0mm, 6.35mm, 8.0mm, 9.5mm, 10mm & 12.0mm

Mounting : Bottom, Back & Every Angle with mounting bracket accessories

Stem Mounting : With Capillary & without Capillary

Accuracy : CL 1.0

Dampening Liquid : Dry, Fillable & Filled

Standard followed : EN13190 & other National International Standards



ELECTRIC CONTACT TEMPERATURE GAUGE

Dial Size : 100mm, 125mm & 150mm

Ranges : -100°C to 0... 50°C to 650°C

Stem Sizes : 6.0mm, 6.35mm, 8.0mm, 9.5mm, 10mm & 12.0mm

Mounting : Bottom, Back & Every Angle with mounting bracket accessories

Stem Mounting : With Capillary & without Capillary

Accuracy : CL 1.0

Dampening Liquid : Dry, Fillable & Filled

Standard followed : EN13190 & other National International Standards

Contact Type : Magnetic Snap Action & ATEX Inductive

No. of Contacts : Contact Single, Double &

Triple Contacts for ON / OFF action

OUR PRODUCTS

VALVES

For the industries we serve we can deliver Valves as per API 6D and API 6A.

Other standards can be sourced upon demand.

- Type of Valves: Gate Valves, Globe, Check, Ball, Butterfly, Cryogenic, Plug valve - DBB
 - Operation: Manual & Remote Control
 - Special Range: Double Bleed & Block, Through Conduit, Pressure seal Bonnet
 - Size range: From 3/8"~60" (bigger size as per customer requirement can also be supplied)
 - Pressure Class: ANSI 150~2500, API 1000psi ~ 10000psi, DIN PN 10 PNT60, JIS 5K~30K End connection: Screw End,
 - Flange End, BW, SW
-
- Material: Cast Iron, Carbon Steel (WCB, LCB), Carbon Moly (WC1, WC6, WC9, C5, C12), Stainless Steel (CF8, CF8C, CF8M, LC3), Bronze, Al-Bronze, Ni.Al Bronze, Inconel, Monel, Incoloy, Titanium



PROCESS PLANT & EQUIPMENT

We provide complete Engineering, Design, Manufacturing and commissioning for the Processing / Production facilities and offer either as per Standard or customized requirements.

The Process Packages offered can be Modular / Skid Mounted or Field Erected Plants complete with Engineering, Construction and Procurement activities.

GAS PROCESSING PLANT

- Gas Dehydration Unit (Both Glycol and Molecular Sieve)
- Gas Sweetening Unit (Amine Units for H₂S and CO₂ removal)
- Fuel Gas Conditioning Unit
- Natural Gas Liquid Recovery (e.g. Dew point control unit).
- Filtration Units
- Gas Coalescer Units
- Indirect Fired Bath heaters (with Water / glycol)

OIL/LIQUID TREATMENT PLANT

- Desalters
- Dehydrators
- Heater treaters
- Crude Oil Heaters

PRODUCED WATER TREATMENT UNIT

- CPI/API Separators
- Induced Gas Floatation
- Dealing Hydrocyclones
- Desander Units
- Walnut Shell Filtration
- Media Filtration
- Chemical Injection (Dosing Units)

WATER TREATMENT UNIT

- Desalination Plant (Reverse Osmosis)
- Ultrafiltration (Ro/NF Treatment)
- Filtration / Fine Filtration (Removal of Suspended solids)
- Waste Water Treatment

MANUFACTURING OF PROCESS EQUIPMENT

- Pressure vessels, columns, drums & heat Exchangers
- Complete Skid manufacturing, testing and assembly
- Structural steel, onshore & offshore structure
- Off-shore jackets
- Pre-fabricated piping spools

- Pre - assembled pipe racks
- High pressure and exhaust manifolds
- Storage tanks, mud tanks, silos, ducts and chutes
- Burner bridges
- Well testing equipment



STRUCTURAL STEEL

PLATES

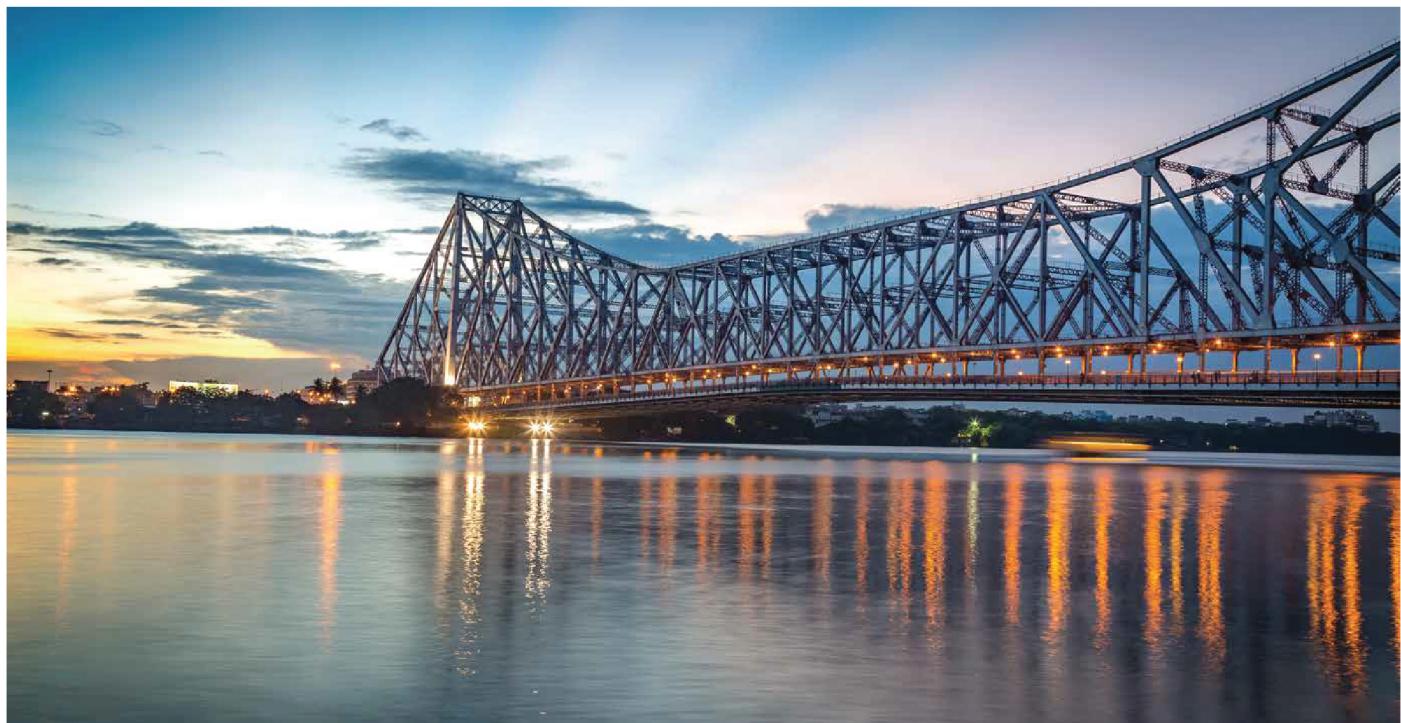
The Standard or tailored size plates can be outsourced from reputable and top steel Manufacturers around the globe. Any testing requirements such as Z test, HIC Test, UT, etc, can be performed as required by the client. For fulfilling fast delivery requirements, we can submit suitable offers from one of our stockholder partners assuring prompt delivery.

BEAMS/SECTIONS IN EN, BRITISH, AMERICAN, JAPANESE STANDARDS

- Beam (IPE, IPN, HEA, HEB, HL HD, UB, UC, W/S Shape)
- Channel (UPE, UPN, U, PFC, CH, C, MC)
- Angle (Equal Angle, Unequal Angle, Inverted Angle)
- Flat Bar, Round Bar
- Bulb Flat (Shipbuilding)
- Structural S Tubular - SMLS / WELDED
- Cones
- Piles
- Sleeves
- Bracings
- Jacket Legs

FOR PROJECTS IN

- OFFSHORE RIGS
- OFFSHORE JACKETS
- GENERAL FABRICATIONS
- INFRASTRUCTURE WORKS
- ENERGY SECTOR
- RENEWABLE ENERGY SECTOR
- POWER PLANTS
- BRIDGES CONSTRUCTION
- TYPES OF EQUIPMENT PRODUCTION
- SHIPBUILDING



OUR PARTNERS

OUR CUSTOMERS



NIPPON STEEL &
SUMITOMO METAL



HENGYANG VALIN STEEL TUBE CO., LTD.



BOTH-WELL STEEL
FITTINGS CO. LTD



A Quality Product of WEC LEEDS Co.



A Quality Product of WEC LEEDS Co.



Piping solutions for Pipes, Fittings, Flanges



DanSteel



أرامكو السعودية
Saudi Aramco



Control Contracting & Trading Co (PVT) L.L.C.



اسناد
ESNAAD





AADTRA

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**DIGITAL
BROCHURE**



**SCAN TO
WEBSITE**