



ELMECH ENERGY



www.elmechenergy.com

GLOBAL STRATEGIC PARTNERS



ABOUT US

ELMECH ENERGY is a fully owned subsidiary of ELMECH GROUP. We are one of the largest stockiest and distributor of world class steel materials globally in line with international standards to serve prime industries like Oil & Gas, Energy, Petrochemical, Marine and Shipbuilding, Infrastructure, Transportation, and Mechanical industries.

ELMECH ENERGY is an elegant exemplary of Industrial Piping materials supply. Our huge inventory and the professional team capable of supplying all kind of piping materials approved by major international standardization organizations like ASME, API, ASTM, BSEN, JIS, DIN & ISO. Our inventory consists of all kinds of high-quality piping materials & products such as Steel Pipes, Plates, Heavy structural, Pipe Fittings, Flanges, Plates, Valves, Isolation Joints, Hot Induction Bends, and Stud Bolts & Gaskets. With our offices and Warehouses on Strategic locations we offer the right product at the right place at the right price that is with us in a nutshell. And guess what just state your requirements; we have a whole range of Solutions to meet them. All you need to do is simply CHOOSE.

THE GROUP

ELMECH GROUP having branches in BAHRAIN and SAUDI ARABIA with Head Quarters in UAE, finds its guiding light in the patronship of His Royal Highness Prince Mohammed Bin Mishari Bin Abdul Aziz Al Saud.

EL MECH ADVANTAGE

We always have the strategies to meet the client requirements by combining our experience, expertise and precise quality in global supply chain. We always make sure to serve our customers and associates with the best quality products on time with a catchy cost effective method.

OUR VISION & VALUES

We magnify its growth creating unity and a strong bond between the customer and the vendor. We always ensure uttermost reliability by following a work pattern which provides total solutions for the customer. We believe in moral and ethical values, we always ensure everyone is addressed with respect, courtesy and professionalism. We always prioritize our response to customer expectations with a high quality service. We focus customer satisfaction on everything we do.

OUR MISSION

Our mission is "to become most preferred one stop supplier globally" for steel and related services by setting highest standards of customer satisfaction on a global scale. Achieve the goal by becoming the most trusted and reliable source for both users and suppliers and to improve our business process leading to prompt and efficient sales and after sales services.

PRODUCTS



PIPES



PIPE FITTINGS



FLANGES



FORGED FITTINGS



BRANCH OUTLETS



VALVES



STRUCTURAL STEEL



SPECIAL ITEMS

PIPES

PRODUCT TYPE	SIZE (RANGE)	MATERIALS GRADE & STANDARD SPECIFICATIONS
CARBON STEEL / FERRITIC/ ALLOY-STEEL SEAMLESS & WELDED PIPES (SRL & DRL)	SEAMLESS ¼" TO 24" ERW PIPES 1" TO 24" EFW, SAW24" - 120" (LSAW OR SPW)	ASTM A/SA53 GR B, ASTM A/SA106 GR B, ASTM A/SA333 GR.1/GR.6 , ASTM A/SA671 GR.C60/65/70, ASTM A/SA672GR.C60/65/70, ASTM A/SA691 CM65/70/75/ICR/5CR/9CR, ASTM / ASME SA 335 GR.P1-P92 API 5L GR.B (PSL1)- X42, X52, X56, X60, X70, X80 API5L GR.B(PSL2)- X42, X52, X56, X60, X70, X80 EN 10025 S275, S355
FERRITIC/AUSTENITIC STAINLESS STEEL/ DUPLEX/ SUPER DUPLEX SEAMLESS & WELDED PIPES (SRL & DRL)	1/2" - 24" Seamless EFW 1" - 60"	ASTM / ASME SA 312 GR. TP 304 , 304L , 316, 316L, 321 , 347 ASTM / ASME SA 358 GR. TP 304 , 304L , 316, 316L , 321 , 347 ASTM A790 S31803 / S32205 JIS:G3459 G3446 G3447 G3448 G3459 G3463 G3468 DIN:17455 17456 17457 17458 17459 2391 2462 EN:10216-5 10217-7 UNS31803; UNS32750/ UNS08904L,TP410/TP410S
GI & MS PIPES	1/2" - 40"	ASTM A/SA53 , ASTM A/SA106, ASTM A500,EN 10025 S275, S355



● SEAMLESS & WELDED CARBON STEEL ● SEAMLESS & WELDED ALLOY STEEL ● SEAMLESS & WELDED STAINLESS STEEL ● GI & MS PIPES



PIPE FITTINGS

PRODUCT TYPE	SIZE (RANGE)	MATERIALS GRADE & STANDARD SPECIFICATIONS
WROUGHT CARBON STEEL, LOW ALLOY STEEL, (ELBOW LR/SR, EQ./UN EQ./RED. TEE, RETURN BENDS, CONC./ECC. REDUCERS, STUB END, NIPPLES, BUSHING, PLUG)	¼"-24" (SEAMLESS) 26"-96" (WELDED)	STM A/SA 234 WPB/WPC, ASTM A/SA 420 WPL6, ASTM A860 WPHY42/46/52/60/65/70
WROUGHT AUSTENITIC STAINLESS STEEL DUPLEX, SUPER DUPLEX PIPING FITTINGS	¼"-24" (SEAMLESS) 26"-96" (WELDED)	ASTM A/SA 182 F304/304L/F316/316L, F9, F11, F22/ F52/F91/F92/F321 ASTM A/SA 403 WP 316/316L ASTM/ASME A/SA 815 WPS31803 / WPS32205



- ELBOW
- CAP
- CONCENTRIC SWAGE NIPPLE
- ECCENTRIC SWAGE NIPPLE
- REDUCER CONCENTRIC
- TEE REDUCING
- TEE EQUAL
- REDUCER ECCENTRIC
- BEND
- LATERAL TEE
- BARRED TEE EQUAL
- BARRED TEE REDUCING
- TUBING
- NIPPLE PIPE
- SPLIT TEE REDUCING
- SPLIT CROSS EQUAL
- CROSS EQUAL
- STUB END SHORT PATTERN
- SPLIT TEE EQUAL
- STREET ELBOW
- SPLIT ELBOW
- CROSS REDUCING
- STUB END LONG PATTERN
- SPLIT CROSS REDUCING
- REDUCER INSERT
- ELBOW REDUCING



FLANGES

PRODUCT TYPE	SIZE (RANGE)	MATERIALS GRADE & STANDARD SPECIFICATIONS
CARBON STEEL, LTCS	½"-60"	ASTM A/SA105,ASTMA/SA350LF2
STAINLESS STEEL, ALLOY STEEL	½"-60"	ASTM A/SA182 F304/304L/F316/316L, F9,F11, F22/ F52/F91/F92/F321, UNS S31803, UNS S32750 ASTM A 694 F42 - F70



- FLANGE BLIND
- FLANGE WELDNECK
- FLANGE SOCKETWELD
- FLANGE SLIP ON
- FLANGE SPECTACLE

- FLANGE THREADED
- FLANGE SPACER
- FLANGE LONG WELDNECK
- FLANGE ORIFICE WELDNECK
- FLANGE SPADE

- FLANGE REDUCING SLIP ON
- FLANGE LAP JOINT
- FLANGE REDUCING THREADED
- NIPO FLANGE
- WELDO FLANGE

- FLANGE REDUCING SOCKET WELD
- FLANGE REDUCING WELDNECK
- FLANGE ORIFICE SLIP ON
- FLANGE ORIFICE THREADED
- SWIVEL FLANGE



FORGED FITTINGS

PRODUCT TYPE	SIZE (RANGE)	MATERIALS GRADE & STANDARD SPECIFICATIONS
CARBON STEEL, LOW TEMPERATURE STEEL	½" - 4"	ASTM A/SA105, ASTM A/SA350LF2
STAINLESS STEEL, ALLOY STEEL	½" - 4"	ASTM A/SA182 F304/304L/F316/316L, F9, F11, F22/F52/F91/F92/F321



- TEES
- CAPS
- PLUGS

- CROSSES
- ELBOWS
- NIPPLES

- SWAGE NIPPLES
- COUPLINGS
- BULL PLUGS

- UNIONS
- BUSHING
- WELDING BOSS



BRANCH OUTLETS

PRODUCT TYPE	SIZE (RANGE)	MATERIALS GRADE & STANDARD SPECIFICATIONS
CARBON STEEL, LOW ALLOY STEEL (WELDOLET, THREDOLET, SOCKOLET, FLANGOLET, SWEEPOLET, ELBOWLET)	½"-48"	ASTM A/SA105, ASTM A/SA350LF2
LONG PRODUCTS:- STAINLESS STEEL, ALLOY STEEL	½"-60"	ASTM A/SA182 F304/304L/F316/316L, F9, F11, F22/F52/F91/F92/F321, UNS32750



- WELD-OUTLET
- SOCK-OUTLET
- THREAD-OUTLET
- NIP-OUTLET

- ELB-OUTLET
- LAT-OUTLET
- FLAT-OUTLET
- SWEEP-OUTLET

- INSERT WELD-OUTLET
- INSERT LATERAL-OUTLET
- FLANGE-OUTLET
- NIPOFLANGE-OUTLET

- ELBO FLANGE-OUTLET
- INSERT FLANGE-OUTLET
- API 6A/6BX FLANGE-OUTLET



VALVES

PRODUCT TYPE	SIZE (RANGE)	MATERIALS GRADE & STANDARD SPECIFICATIONS
CARBON STEEL FORGED	½" & ABOVE (150# - 2500#)	ASTM A/SA105,ASTMA/SA350LF2,WITH WIDE RANGE OF TRIM MATERIALS
CARBON STEEL CASTING	2" & ABOVE (150# - 2500#)	ASTM A/SA216 WCB,WITH WIDE RANGE OF TRIM MATERIALS
STAINLESS STEEL FORGED	½" & ABOVE (150# - 2500#)	ASTM A/SA182 WITH WIDE RANGE OF TRIM MATERIALS
STAINLESS STEEL CASTING	2" & ABOVE (150# - 2500#)	ASTM A/SA351 WITH WIDE RANGE OF TRIM MATERIALS



- BALL VALVE
- GATE VALVE
- GLOBE VALVE
- CHECK VALVE
- BUTTERFLY VALVE
- NEEDLE VALVE
- PLUG VALVE
- GATE API 6A VALVE
- CHECK API 6A VALVE
- BALL API 6A VALVE
- BALL API 6A VALV
- GLOBE API 6A VALVEE
- PLUG API 6A VALVE
- CHOKE VALVE
- KNIFE GATE VALVE
- MOTOR OPERATED - MOV VALVE
- SHUT DOWN - SDV & ESDV VALVE
- PNEUMATIC VALVE
- INSTRUMENT VALVE
- UL/FM CERTIFIED VALVE
- DUCTILE IRON VALVE

3D
3D Valves

B
BONNEY FORGE

CRANE

DOUGLAS CHERRY
DC

FBV

GWC
ITALIA

KITZ

VALVITALIA
GROUP

VATAC

VELAN

OMB

STRUCTURAL STEEL

PRODUCT TYPE	MATERIALS GRADE & STANDARD SPECIFICATIONS
FLAT PRODUCTS:- CARBON STEEL & STAINLESS STEEL HOT ROLLED PLATES, CHEQUERED PLATES, FLAT BARS AND COILS (ASTM, AWS, BS, EN & JIS)	EN 10025 S275, S355, ASTMA36, ASTM A/SA283, ASTM A/SA516 GR.60 /65/70-N DIN JIS SS400 ASME SA/JIS G4303 ASTM A/SA 240 GR.304/304L, 316/316L
LONG PRODUCTS:- CARBON STEEL & STAINLESS STEEL UNIVERSAL BEAMS, UNIVERSAL COLUMNS, FLANGE BEAMS, WIDE FLANGE BEAMS CHANNELS, EQUAL/UNEQUAL ANGLES, ROUND BARS, SQUARE/RECTANGULAR/HOLLOW CROSS SECTIONS	EN 10025 S275, S355 ASTM A/SA36 ASTM A/SA572 GR.50 /55/60/65 DIN JIS SS400, ASTM A/SA 240 GR.304/304L, 316/316L



- HOT ROLLED PLATES
- CHEQUERED PLATES
- FLAT BARS
- COILS
- BEAMS
- COLUMNS
- CHANNELS
- ANGLES
- ROUND BARS
- HOLLOW SECTIONS



SPECIAL ITEMS

PRODUCT TYPE	SIZE (RANGE)	MATERIALS GRADE & STANDARD SPECIFICATIONS
STUD BOLTS& HEAVY NUTS	AS PER REQUIREMENT METRIC FINE & UNS	ASTM A193 B7/B7M A320 L7/L7M Nuts / ASTM A193 B8/B8M - ASTM A194 2H/2HM Stainless Steel UNS S31600 Stud Bolts, SS DIN 1.4401 Stud Bolt, Dimensions of ASME B18.2.1 Hex Bolts, Stainless Steel 316 Stud Bolts, SS B8M Stud Bolts, B8M Stainless Steel Stud Bolt, Stainless Steel B8M Class 1 Stud Bolt, 316 SS Industrial Stud Bolts Grade B8M SS A193 Spring Washer, SS 316 Heavy Hex Bolts, SS B8M CL2 Stud Bolt High Tensile Stud Bolts Supplier, ASTM F593 316 Hex Nuts
GASKET RING JOINT GASKETS, SPIRAL WOUND GASKETS FLAT CUT GASKETS & SHEET PRODUCTS FLANGE INSULATING KITS, JACKETED GASKETS	AS PER REQUIREMENT	CS, SS, MONEL, DUPLEX& SPECIAL GRADE GASKETS AS PER API 6A AND ASME B16.20 TO SUIT API 6A/6B AND ASME/ANSI B16.5 FLANGES. ASME B16.47 SER. A & SER.B JIS B 2220 & JIS B 2238 NON-ASBESTOS PRODUCTS
PIPELINE ISOLATION JOINTS	AS PER REQUIREMENT	ASME, ANSI, ASTM, API, DIN & BS
HOT INDUCTION BENDS SEAMLESS/ ERW/WELDED/ FABRICATED CARBON STEEL/STAINLESS STEEL/ DUPLEX/SUPER DUPLEX NICKEL ALLOY	1" to 60" 1.5D-10D CUSTOM AS PER REQUIREMENTS	ASTM A/SA234WPB, WPHY SERIES ASTM A403 WPL6 ASTM A/SA403 WP304/304L, 316/316L



- METALLIC/NON-METALLIC GASKETS
- INSULATION GASKET KITS
- BOLTS – STUD, ANCHOR, U, J, HANGER, EYE, ETC.
- NUTS & WASHERS
- INDUCTION BENDS
- MONOLITHIC ISOLATION JOINTS
- CASING PIPES
- STRAINERS
- GROOVED FITTINGS
- HAMMER UNIONS
- API 5CT CASING COUPLINGS

- CAMLOCK/QUICK/HOSE COUPLING
- PIPING SPOOLS
- PIG LAUNCHERS/RECEIVERS
- PROCESS SKIDS AND MODULAR ASSEMBLY
- MARINE CRANES
- PASSIVE COOLING SHELTERS
- EXPANSION JOINTS/BELLOWS
- SOLUBLE RINGS
- DISMANTLING JOINT
- INSULATION JOINTS
- SHRINK SLEEVES

- CASING INSULATORS
- END SEALS
- PRESSURE & TEMPERATURE GAUGES
- STRAINERS OIL & GAS
- FIRE HYDRANTS
- STEEL BEVEL PROTECTOR CLAMP
- OIL & GAS DRILL BIT
- PIPE CONDUCTOR
- STEEL GRATING
- SHELL & TUBE HEAT EXCHANGER
- DISH END

SERVICES WE OFFER



PIPING & PIPELINE
PROJECT PACKAGES



PIPING SPOOLS
FABRICATION



WELDING



PAINTING & SPECIAL
COATING



GALVANIZING



INSPECTION



HEAT TREATMENT



METALLURGY-LAB TESTING



VALVE MOUNTING



MACHINING



LOGISTICS



NDT

INDUSTRIES WE SERVE

We offer trusted and reliable products, unbeatable services and solutions to companies from various sectors. We take immense pride in offering a diverse range of products that find applications across various industries



OIL & GAS
OFFSHORE & ONSHORE



REFINERIES



AVIATION



AERO SPACE



SCIENCE AND
TECHNOLOGY



SHIP BUILDING
AND REPAIR



PETROCHEMICAL



MINING INDUSTRY



ROADS, BRIDGES
AND RAIL



CONSTRUCTION & PILING
AND EXCAVATION



SOLAR WIND ENERGY



NUCLEAR PLANTS



FMCG



DAMS & HYDROELECTRIC
PLANTS



CONSTRUCTION
AIRPORT/ SEA PORT



DEFENSE



CEMENT MANUFACTURING
PLANTS



POWER SOURCE -
HEAVY ENGINES



COMMUNICATION
TECHNOLOGY



WATER TREATMENT
& DEWATERING



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