AVECO

Your Engineering Partner

An ISO 9001: 2015 Certified Co.



IMPROVEMENT EXPERIENCE QUALITY RELIABILITY

sales@avecoeng.com

www.avecoeng.com

AVECO TECHNICAL ENTERPRISES L.L.C

AVECO Technical Enterprises L.L.C is an ISO 9001: 2015, ISO 14001: 2015, ISO 45001: 2018 Company is highly experienced in sourcing & supplying products to Oil & Gas, Refineries, Construction, Marine, Power Plants, Petrochemical, Manufacturing Industries and other related industries.

AVECO Technical Enterprises L.L.C as one of the fastest growing Engineering organization dealing with world's best well known quality products in UAE and all other Middle East Countries, suitable for the various industrial fields, like Oil, Petrochemicals, Refineries, Fertilizers, Steel plants, Ship Building, Construction companies, Food Processing Industries, Marine Industries and all other General Industrial applications. We are maintaining wide range of materials in stock which is for the regular application for the all kind of industries.



MISSION

We are committed to our customers in order to help them to achieve their goals. Our functional and technical expertise coupled with extensive industry knowledge will be always used for our clients benefit. We are continually expanding upon our knowledge and service to meet our clients need

VISION

AVECO Technical Enterprises L.L.C has a vision based on its commitment providing our customers with value - based, full service solutions, by offering risk management, cost containment, productivity enhancement and scheduling proficiency, thus contributing to our customers bottom line.

PIPING PRODUCTS

PIPES



INTERPIPE STEEL
PULSE OF INTERPIPE
SANDVIK
NIPPON STEEL
SUMITOMO
JINDAL
TUBACEX

BUTT WELD FITTINGS



erne fittings
BENKAN
SBC BEND CO., LTD.
TK Corporation
tecnoForge
FITTINGS & FLANGES

FORGED FITTINGS



CHERO PIPING
wiar S.p.A.
M.E.G.A.
DELCORTE FITTINGS
BOTH-WELL

PIPES

Dimension Standard: ASME B36.10

Types: Seamless, Welded, ERW, FEW

Grades:
CS: ASTM A 106 Gr. B/ASTM A53 Gr. A & Gr.B, ASTM A336 : F11, F12, F22, P9, P11, P22, P91

SS: 316/316L, 304/304L, SDSS
Alloy: Inconel 825, 625, C-276

BUTT WELD FITTING

Dimension Standard: ASME/ANSI B16.9, ASME B16.28, MSS-SP-43
Type: Elbow, Tee, Cross Tee, Reducer, Cap, Stub, End Etc.
Grades:
Carbon Steel ASTM/ASME A234 WP B, A234 WP9, A420 WPL6, A234, WP22, WP24
Stainless Steel: ASTM/ASME A403 WP 316/316L, 904L
Alloy Steel: Inconel 625/Inconel 825, Super Duplex

FORGED FITTINGS

Class/Pressure:
2000LBS, 3000LBS, 6000LBS, 9000LBS

Dimension Standard:
ASME/ANSI B16.11, MSS-P 97
Type: Elbow, TEE Union, Coupling, Cap, Nipple, Bush, Plug, Hydraulic Fittings, Swage Nipple

Grades:
Carbon Steel, Stainless Steel, Alloy Steel

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PIPING PRODUCTS

PIPING

FLANGES



MAASS GLOBAL GROUP

ULMA METALFAR PRODOTTI INDUSTRIALI S.P.A.

CHANDAN STEEL LIMITED True Stainless Value

FLANGES

Type:
WNRF/SORF/BLIND/SW/LAP Joint, Flange/Spectacle, Blind & Spade, Flange Adaptor etc.
Pressure: #150, 300, 600, 900, 1500, 2500
API Standard,
PN 10/16/40,
JIS 5K, 10K, 20K etc.
Material:
Carbon Steel, Stainless Steel, Alloy Steel, Duplex Material

COPPER NICKEL (CuNi) FLANGES FITTING)



TTU INDUSTRIAL CORP.,LTD.

COPPER NICKEL (Cu-Ni) FLANGES FITTING

Material:
Cu-Ni 90/10 , Cu-Ni 70/30

Standard:
DIN 86013 2.1972, DIN 17664 /2.0872, BS2871, 2872, 2875, 2875 CN102, EEMUA 144, ASTM B466, B467, C71500, JIS H330, C7060T

COPPER NICKEL (CuNi) TUBES & PIPES



TTU INDUSTRIAL CORP.,LTD.

COPPER NICKEL (Cu-Ni) TUBES & PIPES

Dimension:
SEAMLESS and SEAM Pipe according to DIN 1755 T3, DIN 86018, DIN 86019 BS 2871, PT2 & EEMUA 144, Copper Nickel 90/10, 70/30 European Standards SEAMLESS and SEAM Pipe According to Metric Size, Navy(mm, inch) NDS Size.

Cu-Ni Available Material Grade:
Cu-Ni 90/10 Pipes & Cu-Ni 70/30 Pipe.

PIPING PRODUCTS

BALL VALVES







STEELSTRONG VALVES

BALL VALVES

Floating Ball Valve, **Sizes** NPS 2" to NPS 8", **Class** 150 to Class 2500, **Trunnion Ball Valves**, **Size** : NPS 2" to NPS 48".

Class: 150 to Class 2500

MATERIALS

Available Forging (A105, A182, F304, F3304L, F316, F316L, A182, F51, F53, A350, LF2, LF3, LF5) Casting (A216 WCB, A351, CF3, CF8, CF3M, CF8M, A352, LCB, LCC, LC2, A995, 4A. 5A), Inconel, Hastelloy, Monel.

Trunnion & Floating Ball Valve are manufactured according to API 6D/API 608 Design and fire safe tested per API 6FA and API 607 Standard.

GATE VALVES









STEELSTRONG VALVES

GATE VALVES

Sizes: NPS 2 to NPS 48

Class: 150 to Class 2500

MATERIALS:

Available in Casting (A216 WCB, WC6, WC9, A352 LCB, A351 CF8, CF8M, CF3, CF3M, A995 4A, A995 5A, A995 6A), Alloy 20, Monel, Inconel, Hastelloy.

Design Features

Full or Reduced Bore, RF, RTJ, or BW, Outside Screw & Yoke (OS&Y), rising stem, Bolted Bonnet or Pressure Seal Bonnet, Flexible or Solid Wedge, Renewable seat rings.

Design Standard

Design & manufacture according to API 600, API 603, ASME B16.34

Face-to-face according to ASME B16.10, End Connection according to ASME B16.5 (RF & RTJ), ASME B16.25 (BW), Test & inspection according to API 598, Also available per NACE MR-0175, NACE MR-0103, ISO 15848, API624.

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PIPING PRODUCTS

BUTTERFLY VALVE









AFFCO

BUTTERFLY VALVE

Butterfly valves are offered in Triple Offset, Concentric Lining design in a wide range of carbon, stainless steel, duplex stainless steel, alloy and other special materials manufactured according to API 609 Design.

Material

Available in Cast iron, A216 WCB, A217 WC6, WC9, A351, CF3, CF8, CF3M, CF8M, A995 4A, 5A, A352 LCB, LCC, LC2, Monel, Inconel, Hastelloy (Casting)

Design Features

Flange, Wafer, Lug or BW

Triple Offset or Concentric Lining Type

Design Standard

Design & manufacture according to API 609, AWWA C504, ASME B16.34, Face-to-face according to API 609, ASME B16.10, End Connection according to ASME B16.5 (RF, RTJ), ASME B16.47 (RF,RTJ), MSS SP-44 (NPS 22 Only), ASME B16.25 (BW), AWWA A207

Test & inspection according to API 598.

CHECK VALVE





STEELSTRONG VALVES

CHECK VALVE

Sizes NPS 1/2 to NPS 3

Class 150 to Class 2500

MATERIAL

Available materials: A105, LF2, F304, F316, F51, F53, F55, Alloy 20, Monel, Inconel, Hastelloy.

DESIGN FEATURES

Full or Reduced Bore, SW, NPT, RF, RTJ, Bolted cover, welded cover, pressure seal cover, Integral seat rings, Metal seat

DESIGN STANDARD

Design & manufacture according to API 602, ASME B16.34, Face-to-face according to FBV STD, End Connection according to ASME B16.11 (SW), ASME B1.20.1 (NPT), ASME B16.5 (RF & RTJ)

Test &inspection: according to API 598, Also available per NACE MR-0175, NACE MR-0103, ISO 15848

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PIPING PRODUCTS

DOUBLE BLOCK & BLEED VALVE

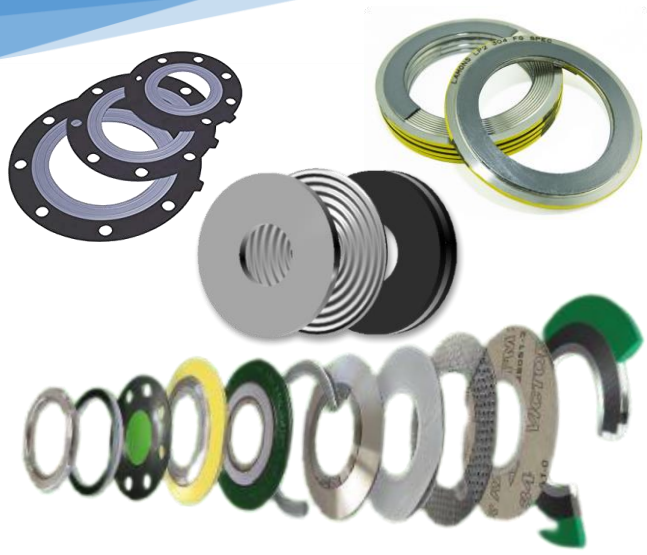


DOUBLE BLOCK & BLEED VALVE

Type:
Mono Flange Valve, Instrumentation DBB, XC Type DBB, Floating Type DBB, Trunion Type DBB

Material:
Carbon Steel, Stainless Steel, Alloy

GASKET



GASKET

Type of Gaskets
Spiral Wound Gasket, Ring Joint Gasket, Flange Insulation Gasket Kit, Heat Exchanger Gasket, Metal Jacketed Gasket, Garlock Blue-Gard Gasket, Garlock Inorganic Gasket, Asbestos free Materials, Gylon Gasketing, Metal Jacketed Gasket,

Material:
Carbon Steel, Stainless Steel, Inconel – 825, Inconel - 625, 6MO

STUD BOLT



STUD BOLT

Available Product Range
Threaded Bar, Stud Bolt, Anchor Bolt, U-Bolt, Hex Bolt, Nut, Washer, Spring Nut & Washer, Allen Hex Bolt.

Material :
Carbon Steel, Stainless Steel, Alloy, Stainless Steel 321H

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PIPING PRODUCTS

HOSE COUPLER



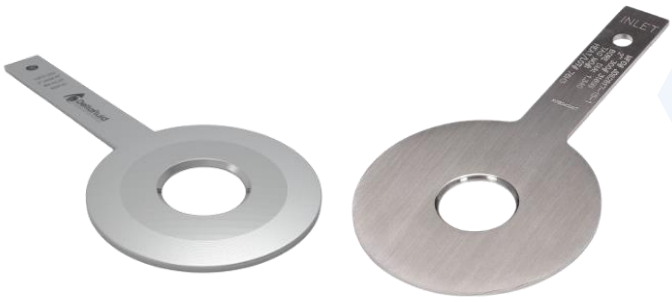
HOSE COUPLER

AVECO Design and Manufacture Hose Coupling as per ADNOC Specification.

Type:
Flanged End Female cam lock, Flanged End Male Cam Lock Adaptor, BW End Female Cam Lock, BW End Male Cam Lock Adaptor

Material:
ASTM A 105, A350 LF2, ASTM A 182 F316/316L, Inconel 825, 625 Cu-Ni 90110 and 70/30.

ORIFICE PLATE



ORIFICE PLATE

Types of Orifice Plates

- Square Edge (Standard) Bore
- Quadrant Edge Bore
- Eccentric Bore
- Segmental Bore
- RTJ Type Orifice Plates
- Paddle Type Orifice Plates

Material: Stainless Steel 316/316L/CS A 516 Gr60/65/70
Inconel 825.

HYDROTEST MANIFOLD – SEAL POT – AIR MANIFOLD



HYDROTEST MANIFOLD – SEAL POT – AIR MANIFOLD

AVECO Manufactures High Quality Manifold

Working Pressure:
100 Bar, 500 Bar, 700 Bar and 1000Bar
Air Manifold Working Pressure: 10 Bar and 25 Bar

Material:
Carbon Steel and Stainless Steel
Seal Pot capacity 1 Ltr, 2 Ltr and 5 Ltr

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BEARING & POWER TRANSMISSION PRODUCT

BEARING



SKF FAG

POWER TRANSMISSION PRODUCT



BEARING

Ball Bearing:

- Deep Groove Ball Bearing
- Angular Contact Bearing Ball
- Self-Aligning Ball Bearing
- Thrust Ball Bearing

Roller Bearing

- Spherical Roller Thrust Bearing
- Cylindrical Roller Bearing
- Spherical Bearing
- Compact Aligning Roller Bearing
- Needle Roller Bearing
- Taper Roller Bearing

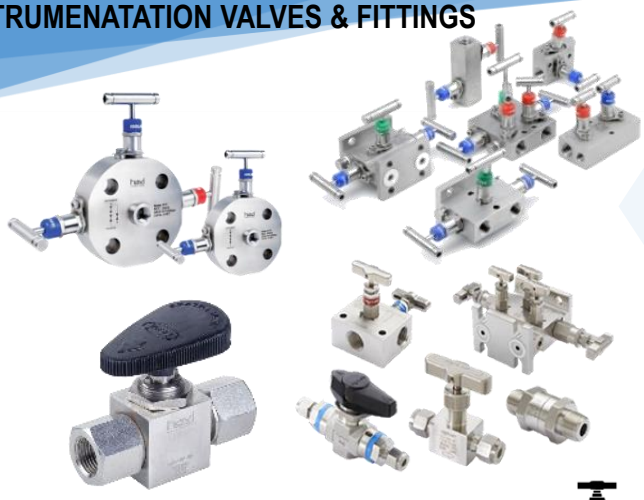
POWER TRANSMISSION PRODUCT

- Sprockets
- Spider Coupling
- Nylon Sleeve Gear Coupling
- Tyre Coupling
- Gear Coupling
- Universal Joint
- Roller Chain Coupling
- Spiders
- Roller Chain - Stainless Steel,

INSTRUMENTATION PRODUCT

INSTRUMENTATION

INSTRUMENATATION VALVES & FITTINGS



INSTRUMENATATION VALVES & FITTINGS

Double Compression Fitting, Needle Valve Ball Valve, Check Valves, Manifold - 2 Way, 3 Way, 5 Way and Bleed Valve

Material:
Stainless Steel 316/316L, 904L, 6MO Fittings, Hastelloy C276, Inconel 825 & 625, Super Duplex

INSTRUMENTATION TUBES



INSTRUMENTATION TUBES

Instrument Tubes are available in Straight & Coiled Forms

Size:
6mm to 25mm and 1/8" to 1"
Wall Thickness: 1mm to 2.5mm,

Material:
Stainless Steel 316/316L/317L/904L
Alloy 825/625/Duplex
Hastelloy: C276, Inconel: 825, Inconel 625

PRESSURE GAUGE



PRESSURE GAUGE

BOURDON TUBE PRESSURE GAUGE

Standard: EN-837-1, ASME B40.100
Nominal Size: 63 mm, 100 mm & 160 mm
Connection: Lower Mount (Radial)
Lower Back Mount
Central Back Mount

Pressure Range: 6 Bar to 1600 Bar
Reading available in: kPa, MPa, PSI, BAR & Kg/cm^2

Material:
Stainless Steel & Alloy
Accessories:
Manifold, Safety Valve, Siphon etc.

INSTRUMENTATION PRODUCTS

TEMPATURE GAUGE



ITEC© WIKA

TEMPATURE GAUGE

Range & Special Features:
Temperature Gauges are designed to meet the Various Process Applications Ranging from Temperature of (-) 200 to (+) 800 Deg. C with fastest response and special features such as Hermitically Seated Case, High Accuracy & Repeatability, Low Hysteresis, Case Compensation, Liquid Filled Case, Colour band, Capillary up to 30 Mtrs without any loss of Accuracy for various Stem OD and Length.

TRANSMITTER – PRESSURE & TEMPERATURE



AUTROL®
DUON System Co., Ltd. since 1989

TRANSMITTER – PRESSURE & TEMPERATURE

Performance:
High Accuracy : ±0.075% of Calibrated Span (option : ±0.04% of Calibrated Span)
Long-Term Stability, High Range ability (100:1)

Flexibility
- Measuring GP, AP
- Data Configuration with HART configurator

Reliability
- Continuous Self-Diagnostic Function

CHART RECORDERS



STIKO

CHART RECORDERS

STIKO Stainless steel Chart Recorders for Temperature and pressure are available in three chart sizes: 6“ 9“ & 12”.

Key Characteristic:
Single, double or triple pen version available.

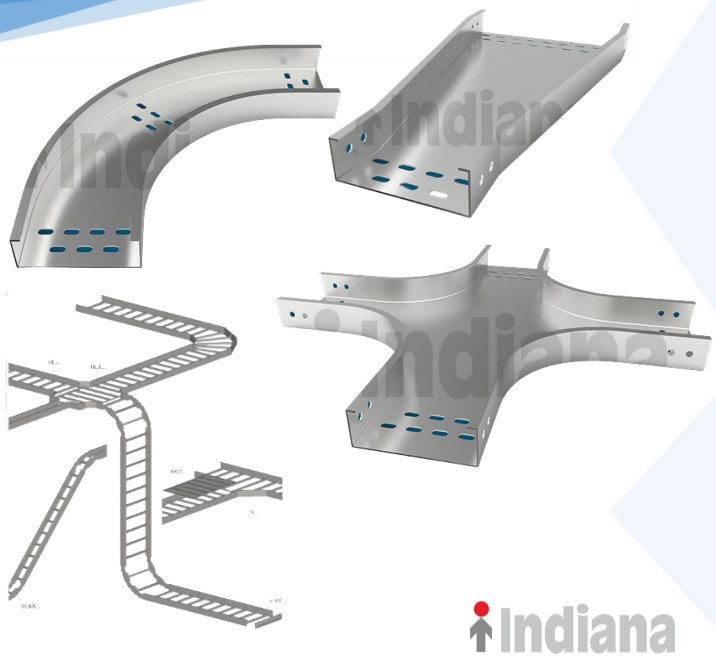
Designed as portable, flush or direct Mounting
IP 65,
Durable,
Tailor made on request,
ATEX Certification Available.

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INSTRUMENTATION PRODUCT

INSTRUMENTATION

CABLE TRAYS



CABLE TRAYS

We offer our client with a comprehensive collection of Cable Tray are widely used in Oil & Gas Plants, Apartments and Township and Industries for easy and safe routine cable.

Material:

- HDG, GI and Stainless Steel

CABLE GLANDS



CABLE GLANDS

Cable gland is supplied with a full installation set.

Material:

- Brass & Stainless Steel
- Internal Sealing's Material
- Elastomer
- Silicone.

Cable glands have explosion proof marking with various types of explosion protection:

EXPLOSION - PROOF LIGHTING



EXPLOSION - PROOF LIGHTING

Products:

- LED Explosion-Proof Light
- LED Industrial Light
- LED Commercial Light
- LED Mobile Light
- LED Solar Light
- Junction Box and Glands

Application Area

- Oil & Gas
- Power Industry
- Marine Industry
- Mining Industry
- Heavy Industry

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GRP PRODUCTS

SUNSHADE



SUNSHADE

High resistance to a wide range of acids, solvents and chlorides
- Excellent heat resistance
- Thermal and electrical insulation
- Excellent weight/mechanical resistance
- No maintenance and absence of oxidation
- Ease of repair

GRP ENCLOSURE



GRP ENCLOSURE

Weatherproof and antistatic properties protection of Utility metering devices. The enclosures are manufactured with long-life viewing windows for clear visibility of the meters installed internally. The size and number of windows can be customized to suit any requirement.

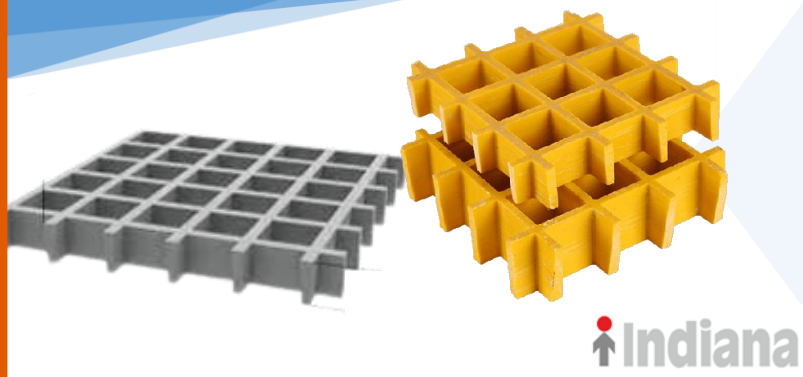
GRP CABLE TRAY & SYSTEM



GRP CABLE TRAYS

Non-conductive, Anti-corrosion, Fast heat dispersion. Superior strength, Light weight, UV resistance, Fire retardant, Impact resistance, Easy to install.

GRP GRATING



GRP GRATING

Benefits: Corrosion resistant. High strength-to-weight ratio. Long service life. Fire retardant, Slip & impact resistant, Non-conductive, Superior ergonomics, Easy to fabricate, Easy to install.

GRP WATER METER CHAMBER COVER



GRP WATER METER CHAMBER COVER

AVECO Manufactures High Strength Water Meter Chamber Cover with UV Resistance, ECO Friendly, Water Proof, Anti Corrosive, Load Capacity: Up to 40 Ton

Available Size:
600 x 600mm, 900 x 600 mm &
1100 x 600 mm

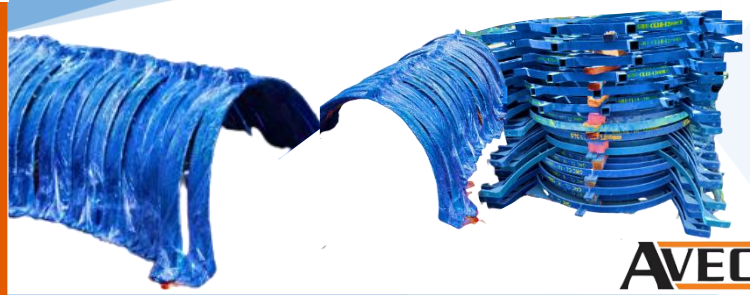
WATER & CIVIL MAINTENANCE

WATER & CIVIL

AIR VENT



PIPE SUPPORT CLAMP



STOPCOCK VALVE



WATER METER COMBINATION FITTINGS



CABLE ROUTE MARKER



AIR VENT

AVECO Manufactures Air vent pipes which are located in such diverse areas as storm and waste water systems, water treatment plants, waste water treatment plants, Maintenance Holes pumping Stations, reservoirs and underground valves.

Advantage: Easy to Install, Designed for permanent Installation, Bolt down or Cast in place flanges. Available in Aluminum and Stainless Steel, Pipe Diameter: 50mm and 100mm

PIPE SUPPORT CLAMP

AVECO Manufactures High Quality, Heavy Duty Pipe Support Clamps for GRE Pipes and AC Pipes.

Available Size:
150mm to 1200mm Dia.

STOPCOCK VALVE

AVECO Manufactures High Quality Gun Metal Stopcocks valves (Lockable Type)

PRODUCT SPECIFICATIONS:

- Screwed Female Ends to BSP Threads. Rising Stem Type
- Screwed in Bonnet
- Lockable Type with removable handle (Key) As per Standard BS 1010.
- WRAS Approved Disc, Packing & Gasket.
- Suitable for potable water & other water services

TESTINGS: Hydraulic Test Pressure-20 Bar (for 2 minute), Pneumatic Test Pressure – 5 Bar

WATER METER COMBINATION FITTINGS

AVECO Designed Water Meter Fittings suitable for 2, 3 and 4 way connections available in Stainless Steel 316L Material

CABLE ROUTE MARKER

AVECO Designed Cable route Marker in Various Type & Size as per Customer Requirement

Available Length: 1 Mtr, 1.5 Mtr & 2 Mtr.

Available Material: HDPE, UPVC, Galvanized Iron, Standard Block

Size: 300 x 300 x 250mm

WATER & CIVIL MAINTENANCE

GRE/GRP PIPE SHAVER MACHINE



GRE/GRP PIPE SHAVER MACHINE

AVECO Manufactures GRE/GRP Pipe Shaper/Calibration Machines are available for Pipes Size
25 - 150 mm
80 - 400 mm
200 - 600 mm
700 - 1000 mm

Machine Unit complete with shaving Drum, Arbors & Power Drive.

SADDLE CLAMP



SADDLE CLAMP

Material:
Gunmetal - BS1400 LG2 with stainless steel with 316L Bolt, Gaskets "O" Ring EPDM, WRAS Certified

Size:
GRE Pipe : 100 - 450mm
AC Pipe : 75 - 450mm.

VALVE SPINDLE SUPPORT & SPINDLE CAP



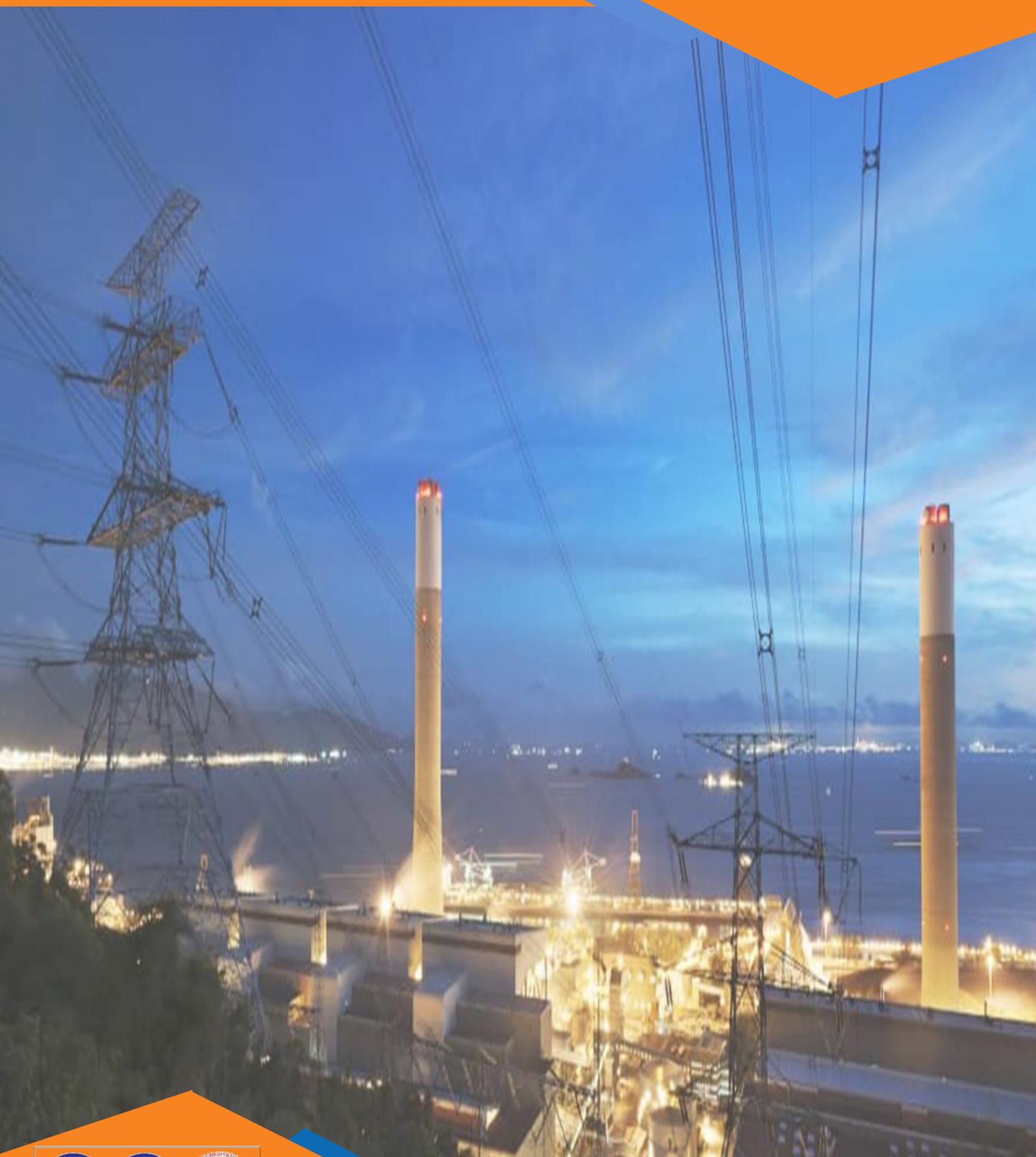
VALVE SPINDLE SUPPORT & SPINDLE CAP

AVECO Manufactures Various Types of Valves Support Accessories and Pipe Plug:
Valve Spindle Support
Valve Spindle Cap
Taper Brass Plug

Available Material
- Stainless Steel
- Carbon Steel
- Brass,
- Bronze

AVECO

Your Engineering Partner



ISO 9001:2015 5169

ISO 14001:2015 5169

ISO 45001:2018 5169

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