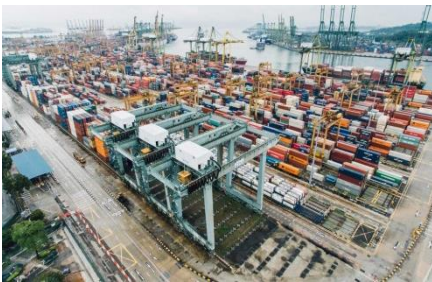


NAUTICALMILES

A Nauticalmiles Venture Private Limited



“One stop turnkey solutions for all your engineering & construction needs”



Who we are

Nauticalmiles Venture Private Limited is an Indian establishment, managed by experienced engineering professionals. We provide one stop turnkey solutions for the engineering and construction industry. We are headquartered in Mumbai and serve clients throughout India and across the world. We aim to provide best quality services while adhering to the highest safety standards.

What we do



Engineering & Construction

As engineering consultants, we provide comprehensive solutions for Oil & Gas Production, Refining, Petrochemical, Water and Power facilities. Our team of engineers have significant experience in Front End and Detailed Engineering, and have expertise in Process, Instrumentation, Piping, Civil, Electrical and Project Management disciplines, which have aided them in executing several significant projects in Middle Eastern countries for reputed companies in Oil & Gas and Petroleum sectors.

We also provide complete engineering services for Offshore, Onshore, Marine Structural, and Ports & Harbours and can perform feasibility studies, Front End Engineering and Design, Detailed Engineering, process simulation studies, process and mechanical design for all equipment and systems including pressure vessels, separators, columns, heat exchangers, storage tanks, and pipelines. Expert assistance is also offered on Hydraulic analysis, Surge analysis, Stress analysis, Structural adequacy analysis, As-Built & Survey services for both Greenfield and Brownfield Plant, 3D Modeling in CAD Works, PDMS & PDS, Creation of the native files(.dwg) from the PDF/hard files, Structural/Mechanical detailing, etc.



Material Sourcing & Supply

We source a wide category of products and services related to Oil & Gas, Petrochemical industry and Civil/Mechanical/Electrical/Instrumentation Construction Projects through our trusted based of local and international suppliers and manufacturers at extremely competitive prices. We are capable of managing complex projects, ensuring best price, quality of materials and timely delivery. Our procurement team has significant experience in projects - large and small and can ensure smooth, timely and cost-effective delivery to user locations across the globe.

We also offer cost-effective, reliable and expedited Export-Import services across the globe with the support of our world-class logistic team. Our team is well-equipped to handle multiple modes of freight transportation, and complicated customs clearance challenges.



Project Management

As Project Management Consultants, we strive to be a reliable, competent and trustworthy partner to our clients, offering ongoing support to them, in the safe and successful completion of their projects. Our repetitive business from customers, exhibit the value of the long-term relationships we build with our clients.

We shall be collaborating and be flexible, for each project as per the client's unique approach and project requirement. With multi-discipline resources, who can deliver total design and construction management for successful completion of the project, we have experiences also in managing the works of third party engineers and contractors assigned by the client. Facilitating the combination of both the scenarios is also feasible, best suiting the project requirements, as advised and selected by client. From pre-construction phase to construction and post-construction, we function as an extension of our clients, putting their best interests first and handling every aspect of design and construction delivery.



Mechanical Maintenance

Providing maintenance services of Vessels, Storage Tanks, Heat Exchangers, Breach Lock Heat Exchangers, Shutdown/Turnaround & Inspection Services.

Products & Services

Forging Technologies

Nauticalmiles in association with India's leading forging company provides one stop solution, offering customized services for any application including machining, specialized heat treatment, surface finishing, packaging, painting, fabrication & assembly.

Forging Capabilities

- Closed-die forgings from 1kg (2lbs) to 100kgs (220lbs).
- Seamless rolled rings from 500 mm to 3000 mm (20" to 120") diameter and 350 mm (14") height.
- Flanges from 15 mm (1/2") to 2000 mm (80") nominal bore.
- Extruded components – e.g. Spindles, Liners, Sleeves, Pinions etc.
- Open forging – e.g. Rings, gears, Blanks, Tube Sheets, Girth Flanges, Shafts etc. up to 800kgs (1760 lbs.)

Forged Flanges

SIZE (NB)	RATING	FACE	TYPE	STANDARD
1/2" to 80" 15mm to 2,000mm	150 lbs. to 2,500 lbs. PN 10 to PN 160	Raised Flat Ring Type Joint Male/Female Tongue/Groove	Blind/High Hub Blind Weld Neck Slip On Lap Joint Threaded Socket Weld Orifice Spectacle	ASME/ANSI B16.5 ASME/ANSI B16.1 ASME/ANSI B16.47 ASME/ANSI B16.36 API 605 AWWA 207 BS 10, BS 4504, BS 1560 DIN EN 1092.1 JIS MSS SP-44 NFE 29203/29204 UNI

Butt Weld Fittings

SIZE (NB)	TYPE	SCHEDULE	STANDARD
Short Stub ends 1/2" to 24" (15 mm to 600 mm) Long Stub ends 1/2" to 6" (15 mm to 150 mm)	Forged Seamless Stub Ends	5S 10S 40S 80S	ASME/ANSI B 16.9 MSS SP – 43 Type A, B, C

Forged Fittings

SIZE (NB)	TYPE	RATING	STANDARD
3/8" to 4" (10 mm to 100 mm)	Threaded Socket Weld	2000, 3000, & 6000 lbs.	ASME/ANSI B 16.11

Special Products

- Girth Flange
- Tube Sheets
- Long Weld Necks
- Pipe Connectors

Material Processed

- Carbon Steel
- Alloy Steel
- Stainless Steel
- Aluminum Alloy
- Duplex
- Titanium

Material Grades

Material	Grade/Standard
Stainless Steel	A / SA 182 F304 / L, F309, F310, F316 / L, F316Ti, F317 / L F321, F347, F904L (including H grades) DIN 1.4301, 1.4307, 1.4541, 1.4401, 1.4404, 1.4571, 1.4432
Alloy Steel	A / SA 182 F1, F11, F5, F22, F9, F91, A / SA 350 LF3
Carbon Steel	A / SA 105, A /SA 350 LF2, S355J2G3, EN10222-2 P250GH / DIN 1.0460, EN 10250-2 S235JR / DIN 1.0038
Ferritic-Austenitic	A /SA 182 F50, F51, F60 (2205), F61 DIN1.4460, 1.4462, 1.4501, 1.4507
Any special flange in any other material to customer's specification	

Approvals



شركة تنمية نفط عمان
Petroleum Development Oman



Welding Electrode

Nauticalmiles in association with an established company, dedicated to the development, manufacturing and application of various manual metal arc welding electrodes. All the electrodes are manufactured with highly efficient modern extrusion techniques.

We cater Electrodes in all grades and sizes ranging from:

- Mild Steel Type Electrodes
- Mild Steel Type Radiographic Weld Electrodes
- Mild Steel Iron Powder Type Electrodes
- Low Hydrogen Type Electrodes
- Low Hydrogen Iron Powder Type Electrodes
- Low Hydrogen High Tensile Type Electrodes
- Cutting And Gouging Type Electrodes
- Hard Facing Type Electrodes
- Cast Iron / Non Ferrous Type Electrodes
- Stainless Steel Type Electrodes

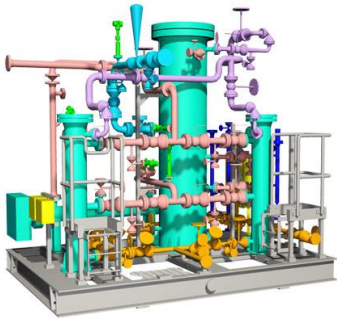
Approvals



Products we deal

Custom-Designed Products

- Design & fabrication of process equipment like pressure vessel, heat exchangers and columns as per ASME U stamped.
- Design & fabrication of non-standard steel structural including pre-engineered building as per international standards.
- Containerised and skid mounted packages like Gas Pressure Reduction Skid, RO Plants, Desalination Plants, Modular Refineries.
- Refurbished upstream oil & gas equipment with a design life of 20 years.
- Spares for HFO/Diesel /Gas Power Plants



Pipes & Tubes

- Stainless Steel Seamless & Welded Pipes
- Carbon Steel Seamless & Welded Pipes
- Capillary Tubes
- Copper Alloy Pipes
- Nickel Alloy Pipes
- Duplex Steel Seamless & Welded Pipes
- Alloy Steel Seamless & Welded Pipes
- GRE/GRP/PPR/PPH & HDPE Pipes



Pipe Fittings

Butt Weld Fittings

- Stainless & Duplex Steel Butt-weld Fittings
- Carbon & Alloy Steel Butt-weld Fittings
- Nickel & Copper Alloy Butt-weld Fittings

Forged Pipe Fittings

- Nickel & Copper Alloy Pipe Forged Fittings
- Carbon & Alloy Steel Pipe Forged Fittings
- Stainless & Duplex Steel Pipe Forged Fittings



Flanges

- Nickel & Copper Alloy Flanges
- Stainless & Duplex Steel Flanges
- Carbon & Alloy Steel Flanges



Valves Oil & Gas/Water (Carbon Steel, Stainless Steel, Bronze & Brass)

- Butterfly Valves
- Check Valves
- Globe Valves
- Gate Valves
- Safety Valves
- Control Valves
- Mixing Valves
- Strainers



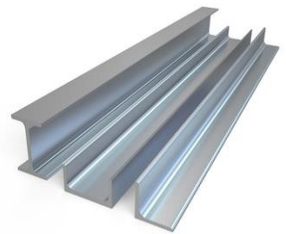
Fasteners (Hastelloy, Stainless Steel, Inconel, Copper, Brass, Titanium, Alloy Steel, Monel, Nickel, Duplex & Super Duplex Steel)

- Fasteners Bolts
- Fasteners Screws
- Fasteners Washer
- Fasteners Nut
- Socket Fasteners



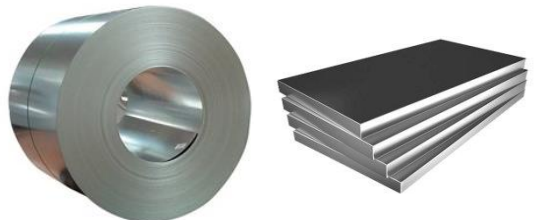
Structural

- MS I-beams
- MS C-Channel
- MS/GI/SS Square tubes
- MS/GI/SS L- Angle
- MS/GI/SS Flat bars



Sheet Plates

- Stainless & Duplex Steel Plates
- Carbon & Alloy Steel Plates
- Nickel & Copper Alloy Plates
- Corrugated Sheets
- GI sheets



Round Bars

- Stainless & Duplex Steel Round Bars
- Carbon & Alloy Steel Round Bars
- Nickel & Copper Alloy Round Bars



Nauticalmiles is an authorized merchant exporter of Livpure brand (India's most trusted brand) of Water & Air Purifiers.

Water Purifier

- Domestic RO Water Purifier
- UV Water Purifier
- Commercial RO Water Purifier
- Gravity Water Purifier
- Domestic Water Treatment System
 - Water Softener
 - Sand Filter
 - Iron Remover



Air Purifier

- Home Air Purifier
- Car Air Purifier



Ultrasonic Cleaner

- Ultrasonic Cleaner (150/250/300 Watts)
- High Power Ultrasonic Cleaner (500/600/750 Watts)
- Heavy Duty Ultrasonic Cleaner (1000/1500/2000 Watts)
- Multistage Systems (Continuous running, 3 stage-cleaning system)



Hardware & Tools

- Pneumatic Tool
- Drilling, Cutting, Grinding
- Hand Tools
- Power Tools
- Machine Tools
- Access Equipment
- Rigging Tools



Welding Solutions

- Welding Electrode
- Filler Wire
- Welding Equipment



Special Industrial & General Maintenance Products

- API 5CT Coupler
- Chemicals
- Lubricants
- Bentonite



HVAC

- Chillers
- Air Handling Units (AHU)
- Fan Coil Units (FCU)
- Split A/C
- Window A/C
- Accessories & Spares
- Exhaust fans



Personnel Protective Equipment

- Hearing Protection
- Respiratory Protection
- Safety Glasses
- Welding Safety
- Protective Apparels
- Head & Face Protection
- Fall Protection



Consumables

- Abrasive Wheels
- Wire & Cables
- Tapes & Adhesives
- Aerosols
- Power Cable & Accessories



Fire Protection

- Fire Escape Mask
- Water Gel Blanket
- Fire Blanket
- Fire Beater
- FRP – Fire Extinguisher Box
- FRP – BA Set Box
- Fire Hose Box
- Mobile Foam Trolley Unit
- Fire Extinguisher
- Fire Hose Type A/B



Sectors we serve

Oil & Gas Industries	Chemical & Fertilizer Industries	Aerospace
Marine	Petrochemical Industries	Mining
Power Industries	Civil & Infrastructure	Paper Industries
Nuclear	Water & Waste Water	Railways
	Renewable Energy	

Contact Us

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Positive step



We look forward to a long and productive business relationship with you

Thank You...

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