



INDUSTRIAL SOURCING SOLUTIONS
IN ALL FORM-FIT-FUNCTION

ONE STOP *Shop*

www.firefly-merchants.com



Fire Fly Merchants FZ LLC, a procurement & engineering, **Speciality Chemical solutions provider, and consultant.**

FireFly Merchants FZ LLC is a premier provider of one stop procurement solutions, engineering solutions, chemical solutions and consultancy, with a primary focus on the oil and gas sector and other heavy engineering sectors. Established in the UAE, our journey began with the fabrication of skid packages and the supply of BOP spares. To better serve our clients in the Gulf region, we have our presence with an office in the UAE.

Since our inception in 2022, we have been a key player in trading and industrial services across the Gulf region. Our services extend to the Middle East, North Africa, including Iraq, Africa, and the Caspian market.

Our Mission

Our Mission is to provide cost effective, agile and seamless sourcing to heavy engineering industries in **all form, fit and function**. Thereby reducing valuable sourcing time and effort for our customers.

Our Vision

Our Vision is to become major player as a **Single Stop Shop (SSS)** for variety of heavy engineering industries industrial needs related to **metal, alloys and chemical products**.

Our Values

Trust & Integrity, Process Excellence,
Team-work, Customer & Employee Delight

The DNA of FireFly Merchants

We're in this for the long haul: we aim to be your supplier of choice - in fact, your only supplier. We understand this requires more than just a few quality products and great pricing on our end. We know you also need the most professional, personal, informative and quickest service available. We know that the quality of our service affects your work, your reputation and the money you make, so we know we have to be the best. And so that's what we offer you.

The best!

Industries We Serve



Oil & Gas



Renewable



Power



Shipping



Heavy
Engineering



Locomotive



Forging



Casting



Cables



Piping



ONE STOP

*Industrial
Procurement*



FORM

Raw



FIT

Casting Process

Forging Process

Deformation Process



FUNCTION

Joining and
Assembly Process

Products/Distributors

RAW material Supplies



<< FERROUS METAL AND ALLOYS

Ferrous Alloy, Cast Iron, Grey Cast Iron, White Cast Iron
Oil and Gas Equipment i.e., Valves, Tees, Flanges, etc.

NON-FERROUS METAL AND ALLOYS >>

Ferrous Alloy, Cast Iron, Grey Cast Iron, White Cast Iron
Oil and Gas Equipment i.e., Valves, Tees, Flanges, etc.



<< STEEL

Medium Carbon Steel, High Carbon Steel, Alloy Steel
Plain Carbon Steel, Low Carbon Steel (Mild Steel)

STAINLESS STEEL >>

Ferritic Stainless Steel, Martensitic Stainless Steel,
Austenitic Stainless Steel, Structural Steel



<< PIPES

ASTM A53, A106, A333, API 5L, ASTM A335
Grades P5 to P91 and API 5CT

ASTM A312 Series 300 and 400 (stainless steel pipes)

ASTM A790/A928 (duplex and super duplex pipes
with double ferritic and austenitic structure)

Various nickel alloys (Inconel, Hastelloy, Cupronickel, Monel, Nickel
200), aluminium, copper, brass, cupro-nickel non-ferrous pipes

Our Products offering

- Valves
- Pipes in CS/SS/LTCS/DSS/CRA
- Fittings (Forged/Seamless/Welded) in CS/SS/LTCS/DSS/CRA
- Structural Steel
- BOP & Spares related to API 6A, 16A, 16C
- Skid & manifold process packages fabrication
- Building material industry (crushers, ready-mix, dry mortar, pre-cast, block manufacturing plants)
- Oil field equipment and machinery
- Tin material
- Turbine blades and bearings
- Structural steel
- Steel pallets
- Pipes, tubing, fittings
- Fasteners and fittings
- Flanges
- Storage tank fabrications
- Drill pipes as per API standard
- X-Overs
- Instrumentation and automation
- Hardox liner plates
- Tools
- Filtration and conveying equipment
- Bauxite handling plant
- Well-head cement handling plant
- Chemical handling plant
- Various MEP spares

Metal Recycling

We also deal with a wide range of Ferrous and Non-Ferrous scraps as per Standard ISRI Specifications.

We assist in the end-to-end solutions for Metal Waste Management through our vast network of Metal Recyclers and Smelters who process end of life products into standardised finished products ready to be used again by our Supply Chain Network.

Ferrous: Cast Iron, Foundry Grade, Heavy Melting Steel, Shredded Steel, Forge Crops, Bar and Sheet Scrap

Steel: Stainless Steel, Automotive Steel, Cans, Turnings, Alloy Steel, Rail Road

Non- Ferrous: Red Metal, Aluminum, Magnesium, Nickel, Lead and Tin, Mixed Metals, etc.

Industrial: Equipment & Component Scrap, Rig Scrapping, CNC and Manual Machines, Structure Dismantling, Dead Inventory

Ion
Exchange
Resins

Performance
Chemicals

Construction
Chemicals

Oil Field
Chemicals

OUR SOLUTIONS

ONE STOP

Speciality Chemicals

Resin Product offerings

- Cation Resins: Strong Acid Cation, Weak Acid Cation (Gel and Macroporus Type)
- Anion Resins: Strong Base Anion, Weak Base Anion (Gel and Macroporus Type)
- Chelating Resins: Macroporus Type
- Adsorbent Resins: Adsorbent with Styrene and Acrylic Matrix
- Copolymer Beads: Customised DVB Cross Linking
- Amphoteric Resins: Combining Two Cationic and Anionic Functionality
- Merrifield Resins: With Customised Chloride Loading
- Fine Mesh Cation and Anion Resins: With PSD 50-100, ASTM Mesh 100-200

Specialty Chemicals for Water and Fuel Management

- Sustainable Integrated Water and Fuel Management Solutions
- Polyelectrolytes
- Cooling Water Treatment
- Boiler Water Treatment
- Fireside Additives
- Reverse Osmosis Membrane Treatment
- Sugar Process Chemicals
- Green Chemicals

Construction Chemicals



Concrete Admixtures



Surface Treatments



Grouts & Anchors



Repair & Retrofitting



Protective Coatings



Industrial Flooring



Waterproofing



Sealants



Adhesives

Oil Field Chemicals **Products** offering

Flow Assurance

- Pour Point Depressant
- Viscosity Reducer
- Flow Improver
- Paraffin Dispersant
- Asphaltene Inhibitor
- Hydrate Inhibitor

Water Injection

- Corrosion Inhibitor
- Scale Inhibitor
- Biocides
- Oxygen Scavenger
- Coagulant
- Flocculant

Separation

- Demulsifier
- De Oiler

Asset Integrity

- Oil Line Corrosion Inhibitors
- Gas Line Corrosion Inhibitors
- Biocides
- H₂S Scavengers
- Antifoam
- Scale Inhibitors
- Acid Corrosion Inhibitors
- Non Emulsifying Agents
- Drilling Corrosion Inhibitor – Monovalent Brines
- FeS Inhibitor & Cleaner

Downstream

- Base Oil PPD
- Diesel PPD
- Dewaxing Aid

Our Products offering

OBM Chemicals

- Primary emulsifier
- Secondary emulsifier
- Single shot (or) all in one emulsifier
- Wetting agent
- Fluid loss additive
- Imidazoline based emulsifier
- Thinner
- Rheology Modifier
- OBM lubricant

Corrosion Inhibitors

- Acid corrosion inhibitor
- Acid corrosion inhibitor – HT
- Oil soluble corrosion inhibitor
- Water soluble corrosion inhibitor

- Water dispersible corrosion inhibitor
- Brine corrosion inhibitor
- Sweet corrosion inhibitor
- Sour corrosion inhibitor

Demulsifiers Other Upstream Chemicals

- Sulfate scale remover
- Carbonate scale remover
- Shale amine inhibitor
- Glycol shale inhibitor
- H2S scavenger
- Antifoaming agent
- Barite dissolver

Raw Materials

- Distilled Fatty Acid
- Oleic Acid
- Fatty Acid Methyl Ester

FireFly Merchants offers comprehensive engineering services to streamline your product development process. Our team specializes in areas such as product design, layout planning, component engineering, assembly, bill of materials (BOM) creation, scanning, process flow diagrams (P&IDs), piping routing, reverse engineering, structural and computational fluid dynamics (CFD) analysis, as-built drawings, mechanical piping finite element analysis (FEA), and testing and validation. By leveraging our expertise, you can significantly reduce design costs, accelerate time-to-market, and enhance product quality and innovation.

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Design Engineering

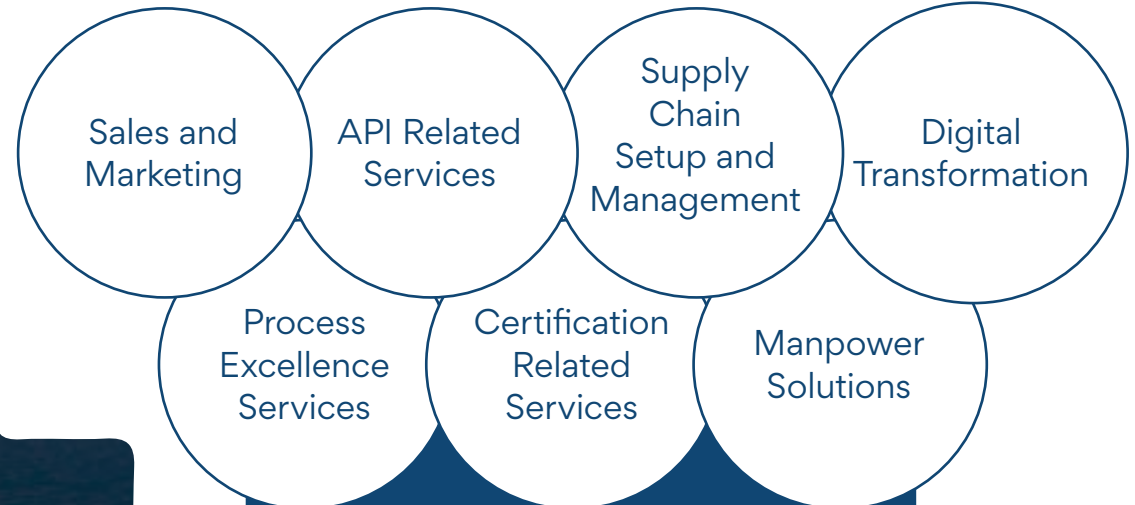
Design Engineering

FireFly Merchants offers a comprehensive suite of engineering design and detailing services. Our expertise spans a wide range of applications, including structural design, pipeline design, heat exchanger design, pressure vessel design, column design, storage tank design, dairy equipment design, and strainer design.

- FEA Analysis
- Thermal Calculations
- Mechanical Calculations
- Mechanical Datasheets
- Structural Datasheets
- Proposal for Tender
- Fabrication Drawings
- Tube Bundle Drawings

- Tube Layout Drawings
- Making Plan P & ID Drawings
- Piping Routing
- Pipe Support Drawings
- Foundation Drawings
- Development Drawings
- As Build Drawings
- FEA Analysis
- Stress Analysis
- CFD Analysis
- Structural Analysis
- Isometric Drawings

We adhere to industry standards such as ASME, TEMA, API 620, API 650, EN 13445, IS 800, PD 5500, AD 2000, and GEP to ensure the highest quality and compliance in our designs.



ONE STOP

Consultancy

FireFly Merchants: Our Competitive Advantage

- **One-Stop Shop:** Streamline operations with on-demand manufacturing, a vast marketplace, and expert sourcing.
- **High-Margin Private Labels:** Maximize profits with our own brands alongside trusted third-party options.
- **Seamless Procurement:** We guide you every step, from consulting and vendor qualification to meticulous quality checks.
- **Metallurgical Expertise:** Our deep focus ensures exceptional service tailored to your specific needs.

FireFly Merchants Partners



Chemical Division



Global Clients

of Thermax





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