



# **SPARK ENGINEERS**

“Dedicated for fulfillment of commitments”

**“An ASME U, U2, R Certified Organization”**



**“Leader In Design, Engineering, Procurement, Manufacturing, Inspection, Testing, Supply & Installation of Pressure Vessels for Oil & Gas and Various Industrial Sectors”**



9001:2015  
14001:2015  
45001:2018

## ABOUT US

SPARK ENGINEERS is an **ASME & ISO 9001 : 2015 certified**, reputed company in India for Design, Manufacturing and supply of various types of Pressure Vessels like LPG / Propane Storage Tanks- Mounded as well as Underground Tanks, LPG / Propane Semi Trailers, LPG Bobtails, Water Treatment Plant Vessels, Power Plant Vessels, etc. since the past **40 years**.

It was incorporated in **1984** by Late **Mr. Ashok G. Pataskar** with a goal to provide high quality products and innovative energy solutions to customers. Our Chairman **Mrs. Sunita Pataskar** thereafter geared up to fulfill the opportunities is not just non - cryogenic vessels but also entered the cryogenic Global Market. We have a full-fledged infrastructure that includes fabrication facilities with sophisticated equipment's to cater the fabrication requirements of our clients and an experienced and capable team of around 300 people to help us achieve many milestones.

Our plants spanning an area of **300000 square feet** in Pune, Maharashtra are fully equipped and are approved by Petroleum & Explosives Safety organization (PESO) for **manufacturing of both Cryogenic & Non- Cryogenic Vessels**.



Late. Mr. Ashok G. Pataskar

## OUR VISION

To lead the industry as a trusted and respected manufacturer of pressure vessels by continuously developing and adapting to meet the needs of our customers and market, while maintaining our commitment to excellence, reliability, and sustainability

## OUR MISSION

With 40 years of experience, our mission is to provide better pressure vessels worldwide. We provide high-quality, unique solutions that meet industry requirements while focusing safety, efficiency, and environmental responsibility. Through strategic relationships and cutting-edge technology, we empower our clients to become leaders in their sectors.



## OUR QUALITY POLICY

Our dedication to quality is unwavering. In all of our pressure vessel manufacturing processes, we prioritise Customer Satisfaction, Industry Standard Compliance, Continuous Improvement, Staff Involvement, Strong Supplier Partnerships, and Safety/Environmental responsibilities.



## OUR HEALTH & SAFETY POLICY

M/s. Spark Engineers prioritises the health and safety of its employees, customers, and the environment. We follow rules, manage risks, give extensive training, constantly improve our procedures, assure the use of personal protective equipment, maintain emergency planning, and encourage environmental responsibility in our pressure vessel production processes.



Spark Engineers Unit I



Spark Engineers Unit II



Steelcon Technovision Pvt.Ltd. Unit I



Steelcon Technovision Pvt.Ltd. Unit II

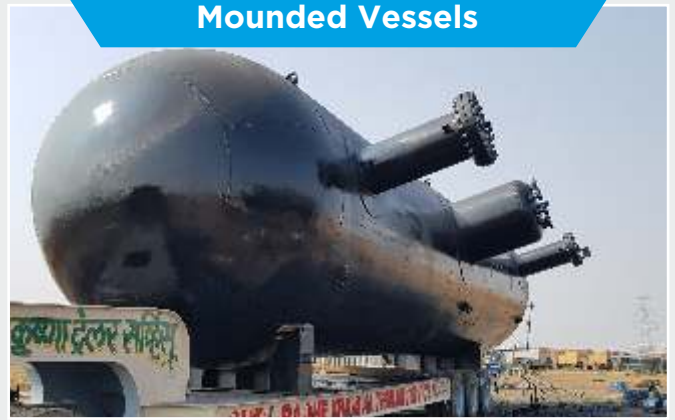


- › Pressure Vessels
- › LPG /Propane Storage Vessels
- › LPG/Propane Semi Trailers
- › LPG Bobtail Tankers
- › Propylene Road Tankers
- › Ammonia Road Tankers
- › Liquid CO2 Tankers/Storage Vessels
- › LPG Underground Vessels
- › LPG Skid Vessels
- › LPG Mounded Vessels
- › Cryogenic Vessels
- › Stainless Steel Vessels
- › ALDS Vessels
- › Water Treatment Plants Vessels
- › Steel Plant Vessels
- › Chemical Plants Process Vessels
- › Nitrogen Buffer Vessels
- › Refrigerants Vessels
- › Air Receivers
- › ERV (Emergency Rescue Vehicle)
- › Calandria Vessels
- › Hydrogen Storage Vessels
- › Food & Beverage Storage Vessels
- › LPG Horton Vessels
- › Evaporator
- › Condenser
- › Pentane Tankers
- › Diesel/Fuel Storage Tank

### Above Ground LPG Vessels



### Mounded Vessels



### Underground Storage Vessels



### ALDS Vessels



### Propane Storage Vessels



### LPG Horton Vessels



**Liquid Co2 storage Vessels**



**LPG Domestic Vessels**



**Pharmaceutical Storage Vessels**



**Chemical Storage Vessels**



**Nitrogen Buffer Vessels**



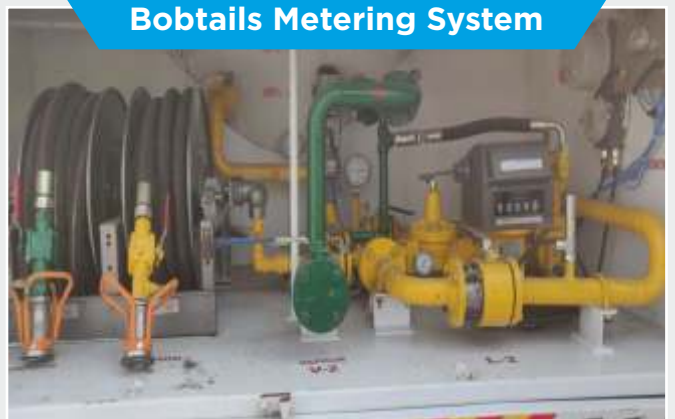
**LPG Skid Station**



**LPG Bobtails**



**Bobtails Metering System**



**LPG Semi Trailer**



**Propylene Mobile Tanker**



**Liquid Co2 Tanker**



**Ammonia Road Tanker**



**Propane Gas Tanker**



**Stainless Steel Vessels**



**Refrigerant Storage Vessels**



**Water Treatment Plant Vessels**



**Diesel / Fuel Storage Tank**



**CPU Vessel (High Pressure)**



**Air Receiver**



**Air Receiver**



**Vacuum Degasser Tower**



**Calendria Vessels**



**Hydrogen Storage Vessels**



**Vessels for Steel Plant**



**Cryogenic Vessels (LOX / LIN / LAR)**



**Vertical Cryogenic Vessels**



**1kl Cryogenic Vessels**



**LNG Storage Vessels**



**LOX / LIN / LAR Tanker**



**LOX / LIN / LAR Tanker**



**LNG Transport Tanker**



**LNG Semi Trailer**





## DESIGN CODE

ASME SEC-VIII DIV - I	EN 12285	IS 2825 - 1969
ASME SEC-VIII DIV - II	API 650	IS 875
Ad Merkblatter 2000	API 620	IS 1893
EN 13445	API 520	IS 10987
EN 13458	PD 5500	IS 4049
EN 13530		IS 803

## IN HOUSE DESIGN SOFTWARE

DESIGN SOFTWARE	DRAFTING SOFTWARE
PV - Elite	Solid Works
Ansys	Auto Cad

## MANUFACTURING FACILITIES

Colum & Boom Machine	Cutting Machine - Plasma & Flame
Plate Rolling Machine	Drilling Machine, Lathe Machine
Hydraulic Press Machine	Welding Sets & Equipments, (SMAW, SAW, TIG)
Spinning Machine	Covered Shop with fully Concrete
Automatic Rotators	Stress Reliving Setup
EOT Cranes (10T, 15T, 20T)	Underground water tank for Hydro testing.
Mobile Cranes (8T, 12T, 14T)	Shot Blasting and Painting



Plate Rolling / Bending Machine



Press Machine



Welding Column & Boom

### Shell Rolling Process



### Dish End Pressing



### Nozzle Welding Process



### Cold Stretching Process



### Hydro Testing



### SAW Welding



### Co2 Welding



### Tig Welding



### Dp Testing



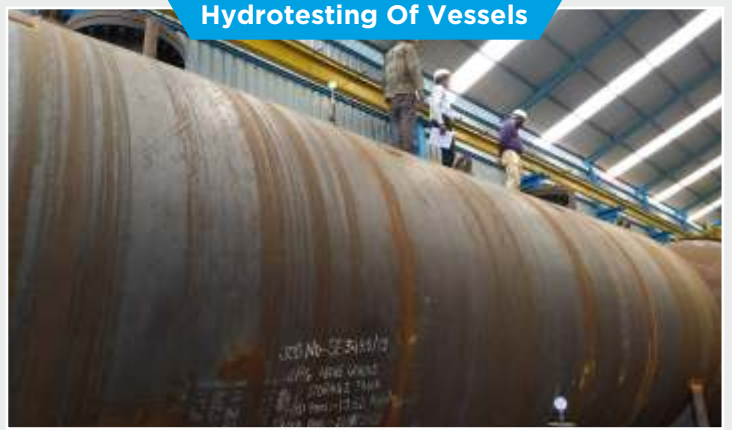
### PMI



### Ultrasonic Testing



### Hydrotesting Of Vessels



### Radiography Testing



### Magnetic Particle Testing



### Shot Blasting Of Vessels



### Stress Relieving of Vessel





**477m<sup>3</sup> LPG Storage Vessels - Exported to Fiji Island**



**1000m<sup>3</sup> LPG Mounded Vessels  
Exported to South Africa**



**93 Nos of Sand Filters Supplied to Jindal Steel,  
Plant Size: 5 Mtr Dia x 8mtr long, wt. 20 ton**



**1800mt LPG Bottling Plant - Runner Gaz, Bangladesh :  
Complete Trunkey project for bulk Installation**



**2nos 577m<sup>3</sup> Propane Mounded Vessels**



**2nos x 545m<sup>3</sup> Propane Mounded Vessels  
Size : 4.5mtr Dia x 40 Mtr long x 125 ton weight**



**4 mtr. Dia & 12 mtr. Length Vessels For Steel Plant**



**30M<sup>3</sup> Liquid Ammonia Vessels for Adani Project**



**ASME U-Stamp TES Vessels**



**232M<sup>3</sup> Ammonia Storage Vessels for SVJL Project**



**18 MT Capacity LPG Bobtail Tanker For Bangladesh**



**104 KL LPG Storage Vessels for Saudi Arabia**

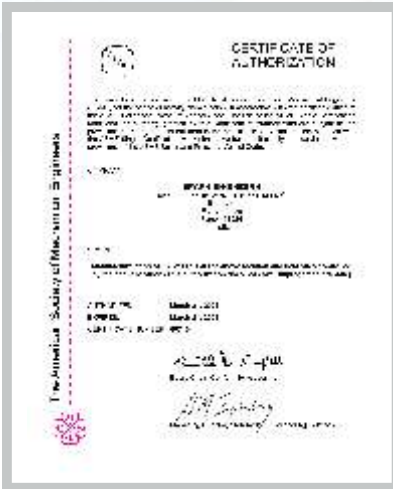


**LPG Skid Vessels**



**252M<sup>3</sup> Ammonia Storage Vessels for Harman Finnochem Ltd.**

ASME U Stamp



ASME U2 Stamp



NB R Stamp



SASO : "PCOC" Certificate



PESO Certificate



EIL



ISO 9001:2015



ISO 14001:2015



ISO 45001:2018



TRANSPARENT CERTIFICATIONS LIMITED

- The American Society of Mechanical Engineers (ASME U, U2, R Stamp)
- Petroleum & Explosive Safety Organization (PESO)
- ISO 9001:2015, ISO 14001, ISO 45001 Certification
- Engineering Export Promotion Corporation of India
- Director General of Foreign Trade
- Indian Boiler Regulation
- EIL (Engineers India Ltd.)
- SASO Saber "PCOC" Certificate

## THIRD PARTY INSPECTION AGENCIES

- Bureau Veritas
- American bureau of shipping
- Bax counsel industrial services
- DET Norske Veritas
- Toyo engineering India Ltd.
- Indian Register of shipping
- HSB (The Inspection & Insurance Company)
- Lloyds Register Asia
- MECON Limited
- Tata Project Ltd.
- TUV India Ltd.
- SGS Inspection Agencies
- Engineers India Ltd.
- Intertek

## OUR CLIENTELE





## OUR GLOBAL PRESENCE

Europe	Africa		Asia	Middle East	Oceania
Denmark	Nigeria	Sudan	India	Jordan	Australia
France	Rwanda	Ethiopia	Bangladesh	Kuwait	Fiji Island
Germany	Botswana	Ghana	Nepal	Saudi Arabia	
Italy	Zimbabwe	South Africa	Bhutan	Oman	
	Mozambique	Uganda	Sri Lanka	Qatar	
	Somalia	Libya		U.A.E.	
	Kenya	Tanzania			



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