



STEERING THE SHIFT towards clean energy.

Exceptional Cylinders for Exceptional Energy.

COMPANY PROFILE | 2025

A member of



HIGHLIGHTS

27+
YEARS

of industry leadership



1,500+
EMPLOYEES

continuously growing to
offer opportunities within
the local communities



17+
NATIONALITIES

expertise from around
the world



30+
COUNTRIES

maximising export to
widen reach



25+
ENGINEERS

shaping a sustainable future

6+
MILLION CYLINDERS

annual capacity,
customisable and of
various shapes and sizes

3
PLANTS

at strategic locations in
Africa and the Middle East

3 ISO
CERTIFICATIONS

processes that comply with
all norms and standards



OUR VISION

Safe LPG cylinder for every use.

OUR VALUES

We value Operational Excellence.
We are committed.
We care for all.

OUR MISSION

To create a positive impact on people's daily lives by making the safest LPG cylinder accessible for every use.



OUR REACH

The winning formula


Our localisation strategy provides an effective solution and results in an efficient model that minimises carbon footprint.

Lebanon


Cote d'Ivoire

Ghana

AND THEIR
NEIGHBOURING COUNTRIES



WHY SIGMA CYLINDERS



WHY SIGMA CYLINDERS

Turnkey solutions



Awareness Campaigns

Sigma Cylinders conducts workshops in select rural areas to educate communities on LPG cylinder safety, benefits, advertising strategies, and the impact of clean energy.

Regulations & Compliance

We assist companies in navigating legislative requirements to establish industry standards. Our team successfully enforced LPG regulations in Yemen and collaborated with UNOC to organize a workshop in Uganda.

Distribution Network Development

Sigma Cylinders supports clients in designing, installing, commissioning, and maintaining LPG distribution networks. This includes setting up skid plants in high-demand areas.

LPG Vehicle Procurement

To ensure safe and efficient distribution, Sigma Cylinders helps clients procure LPG transport vehicles tailored to their operational needs.

LPG Cylinder & Accessories Regulation

We uphold strict quality standards for LPG cylinders and their accessories, ensuring safety, efficiency, and compliance through regular monitoring and regulation.

WHAT SETS SIGMA CYLINDERS' PROCESSES APART



MANUFACTURING

EVERY CYLINDER IS A TESTAMENT TO THE COMMITMENT AND EXPERTISE OF THE SIGMA CYLINDERS TEAM.

MECHANICAL PROCESS


- Design & customisation
- Increased efficiency
- Defect reduction
- Inspection & safety
- Quality control

WELDING PROCESS

- Certified welders
- Comprehensive logging of steel source
- Welding traceability
- Equipment inspection & maintenance

FINISHING PROCESS

- Quality control & testing
- LPG cylinder treatment with heat, testing with hydrostatic pressure, painting and finally customised with silkscreen printing



**BY RE-QUALIFYING
CYLINDERS,
WE TAKE AN ACTIVE
ROLE IN WASTE
REDUCTION AND
ENERGY EFFICIENCY.**



Quality control and testing in the refurbishment department are even more rigorous, requiring additional procedural steps, heightened monitoring, and extensive inspections.

Beyond visual assessments, Sigma Cylinders conducts comprehensive laboratory tests and utilises borescope cameras to inspect the cylinder interiors with precision.

Adhering to ISO safety standards, every cylinder undergoes thorough de-gassing and cleaning before any repairs begin.

Only after meeting these stringent quality controls and inspections do repairs proceed, ensuring the highest standards of safety and reliability.

REFURBISHMENT

GIVING NEW LIFE TO DAMAGED CYLINDERS IS PART OF SIGMA CYLINDERS' ENVIRONMENTALLY FRIENDLY ENDEAVORS.

QUALITY IS AN INVESTMENT IN THE FUTURE

Sigma Cylinders' unwavering commitment to quality has become its hallmark in a highly competitive industry, propelling it to the top ranks.

Sigma Cylinders guarantees every cylinder, offering pre and post-sale assistance to ensure a seamless customer experience.

ISO Certifications & Quality Records

Sigma Cylinders maintains comprehensive quality records using a structured system aligned with ISO 9001 standards. These records include performance data, test results, documentation procedures, production and testing details, material markings, and personnel qualifications.

This meticulous record-keeping has earned Sigma Cylinders multiple ISO certifications, reinforcing its commitment to quality and guiding its processes.

All machinery is calibrated and certified to ensure consistency. Quality Control officers oversee the process and conduct batch sample tests on raw materials in the lab. Sample cylinders undergo testing to verify compliance with client specifications and industry standards before full-scale production.



A total of 18 tests—divided into destructive and non-destructive categories—are performed to uphold quality and safety.

ISO 14001

Effective Environmental Management System (EMS)

ISO 9001

Quality Management System

ISO 45001

Management System of Occupational Health & Safety (OH&S)

SGS

Laboratory Testing

In LPG cylinder manufacturing, safety is paramount. Testing at every stage ensures the highest quality across Sigma Cylinders' product line.

Our four certified labs, approved by governmental entities, feature state-of-the-art facilities capable of performing destructive and non-destructive tests on raw materials and batch samples.

Sigma Specialists

Our designers and engineers ensure precise calculations and designs based on client specifications. Certified quality officers oversee every stage of production, identifying even the smallest imperfections.

Independent third-party and government inspection bodies conduct regular audits to ensure strict compliance with industry standards and regulations.

Welding Safety & Traceability

As part of our continuous quality control, inspections are conducted before, during, and after welding.

This rigorous process ensures detailed traceability records, maintaining full accountability and safety.



OUR PRODUCTS



Comprehensive LPG Solutions

In its commitment to providing clients with a complete range of products and services, Sigma Cylinders partners with top industry suppliers to offer high-quality accessories and filling stations that complement LPG cylinders.

Each accessory is carefully vetted for durability, functionality, and compliance with Sigma Cylinders' renowned quality standards.

Available Accessories:

- Burners
- Stoves
- Regulators
- Hoses
- Iron sitters



SIGMA ACADEMY

Continuous Learning for Sustained Growth

Sigma Cylinders is committed to ongoing training and development, from customer relations workshops to advanced technical seminars.

By investing in its team, Sigma Cylinders ensures the highest safety and quality standards while meeting client-specific requirements and providing end-to-end support.



**LET'S CONNECT
REACH OUT TODAY**

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