



STEERING THE SHIFT

TOWARDS CLEAN ENERGY



A MEMBER OF: WLPGA



**6+ MILLION
LPG CYLINDERS**

Annual capacity,
customizable & of
various sizes & shapes



**1,000+
EMPLOYEES**

Continuously growing to
offer opportunities within
the local communities



**24+
YEARS**

Of industry leadership



**17+
NATIONALITIES**

Expertise from around
the world



**4 ISO
CERTIFICATIONS**

Processes that
comply with all
norms and standards



**STRATEGIC
LOCATIONS**

Strategic locations in
Africa & the Middle East



VISION

Safe LPG cylinder for every use.

MISSION

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

We value Operational Excellence:

Our culture and mindset are focused on embracing business principles and tools to create sustainable improvement with Sigma Cylinders' operations.

Work-life balance – Empowerment – Competence Development – Collaboration

We are committed:

At Sigma Cylinders, we are committed to delivering the safest products with the highest quality.

Seriousness – Sincerity – Affection – Loyalty – A sense of ownership – A sense of obligation

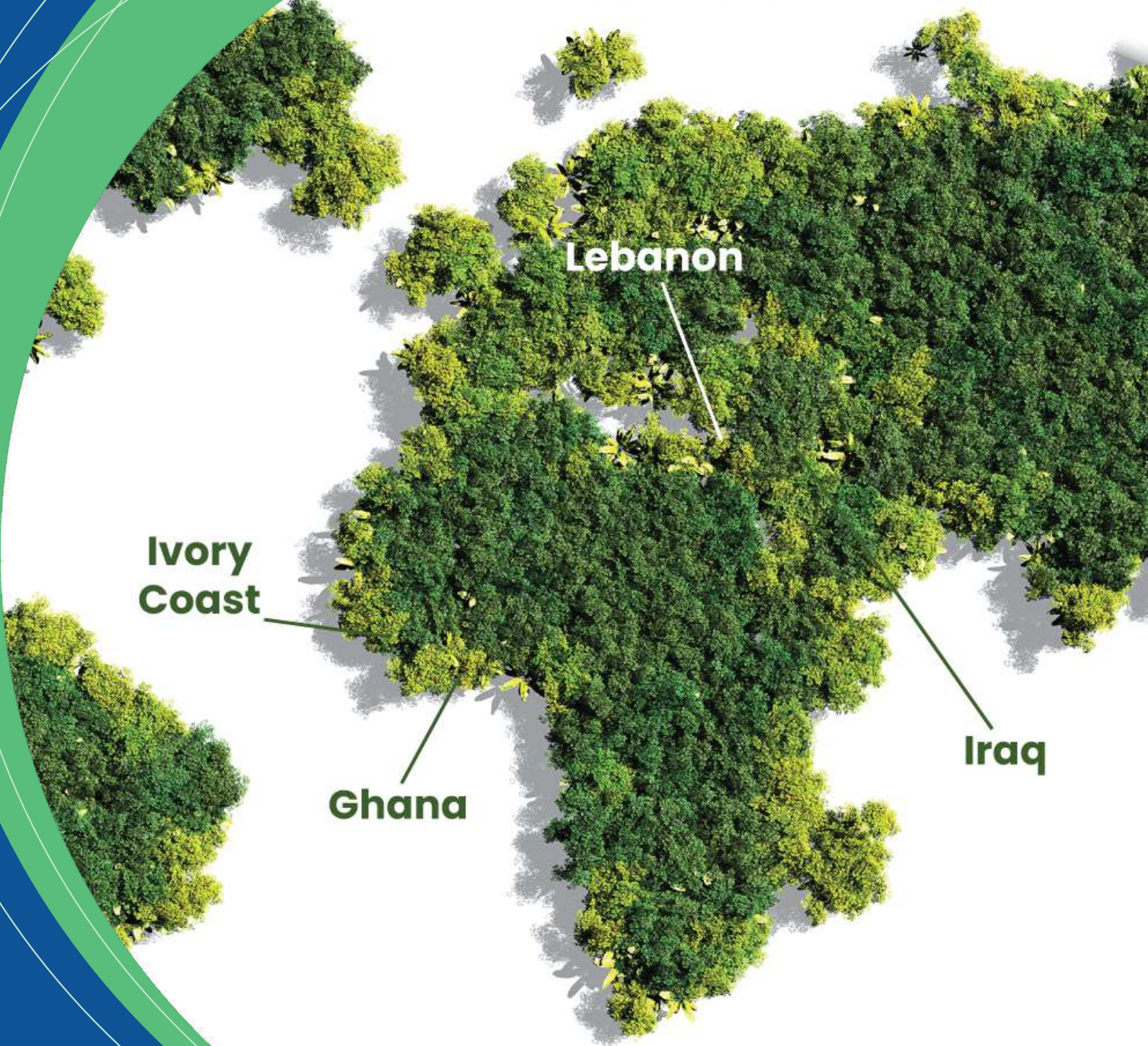
We care for all:

The true sense of caring for the communities. While caring about the environment, we cater to our communities' energy needs.

Employees – Communities – Environment

VALUES

Our Reach



Lebanon

Ivory Coast

Ghana

Iraq

**FOUR
LOCATIONS**

WE THINK GREEN

WHY SIGMA CYLINDERS



TURNKEY SOLUTIONS.

WHY SIGMA

At Sigma Cylinders, we value quality, innovation and continuous growth. We aim to set an unprecedented standard in the industry with all our services and products; this includes our latest turnkey solutions.

1. Awareness campaigns: Sigma Cylinders organizes and provides workshops in selected rural areas: raising awareness on cylinders safety handling, benefits of LPG cylinders on communities, advertising approaches and the impacts of clean energy.
2. Regulations and norms: Companies in many nations require legislative assistance to set working standards for their businesses. Sigma Cylinders' team were able to enforce regulations in Yemen and organized a workshop in Uganda in partnership with UNOC.
3. Distribution network: Sigma Cylinders is able to set up distribution networks for their clients including network design, installation, commission and support. This occurs through skid plants installation in condensed areas.
4. Procurement of LPG vehicles: LPG cylinders are considered essential vehicles to provide for a distribution network, safely and effectively. Sigma Cylinders can procure these vehicles for their clients depending on their requests.
5. Regulating LPG cylinders and their accessories: Sigma Cylinders has set high-quality standards for all cylinders and their complimentary accessories to ensure safety and efficiency. Regulating regularly is thus a vital of our process.

WHAT DISTINGUISH THE SIGMA CYLINDERS PROCESSES ARE AS FOLLOW:

MECHANICAL PROCESS

- Design & Customization
- 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 Cylinders treatment with heat, tested with hydrostatic pressure, painted and later on customized with silkscreen printing.

MANUFACTURING

Every Sigma cylinder is a testament to the commitment and expertise of the Sigma team.



BY RE-QUALIFYING CYLINDERS, THE COMPANY TAKES AN ACTIVE ROLE IN WASTE REDUCTION AND ENERGY EFFICIENCY.

Quality control and testing become even more gruelling in the refurbishment department, requiring increased steps in the procedures and even more monitoring and inspections.

Aside from the visual inspection, Sigma conducts various lab tests, and monitor the interior of the cylinder through a borescope camera. Following safety ISO specifications, all cylinders are de-gazed and cleaned.

Only then do repairs take place with all the necessary quality controls and inspections.



REFURBISHMENT

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



QUALITY

QUALITY IS AN INVESTMENT IN THE FUTURE

Sigma Cylinders' unwavering commitment to quality has become its trademark in a highly competitive industry, catapulting the company to the highest ranks.

Sigma can guarantee every cylinder, providing pre-and post-sale assistance for the smoothest customer experience possible.

ISO CERTIFICATIONS & QUALITY RECORDS

At Sigma Cylinders, comprehensive quality records are kept using a methodical system and following ISO 9001 standards. This allows the company to keep a clear register of performance, test results and reports for easy access and improved output. The records include documentation procedures, production and testing facilities, material marking, and personnel qualifications.

The precision with which these records are kept has allowed Sigma Cylinders to obtain various ISO certifications that both guide its process and vouch for its commitment to quality.

All the machinery is calibrated and certified to guarantee consistency. Quality Control officers inspect the process and also perform batch sample tests in the lab on raw material. Sample cylinders are produced and tested as well to ensure consistency and quality based on specifications of the client and standards, before proceeding to production.

In total, there are 18 tests performed, divided into two categories; destructive and non-destructive tests.

ISO 3834

International standard for the fusion welding of metallic materials

ISO 14001

Effective environmental management system (EMS)

ISO 9001

Quality management system

ISO 45001

Management system of occupational health & safety (OH&S)



LAB

In the world of LPG cylinder manufacturing, nothing is more vital than safety. Thus testing is important at every stage of the process and ensures the leading quality of the Sigma product line.

All our four labs in each country are officially approved and certified by governmental related entities. Our in-house, state of the art facility can perform destructive and non-destructive lab tests on raw material and in-production batch samples.

SIGMA SPECIALISTS

DESIGNERS & ENGINEERS are responsible for precise calculations and designs based on the initial client drawings briefing.

CERTIFIED QUALITY OFFICERS & ENGINEERS dispersed throughout the factory, inspecting, testing, and detecting even the most minute of imperfections.

THIRD-PARTY INDEPENDENT & GOVERNMENT INSPECTION BODIES regularly monitoring and inspecting every single aspect of the process to make sure Sigma Cylinders remains perfectly in line with their specifications and guidelines.

WELDING SAFETY PROCEDURE & TRACEABILITY

As part of the continuous quality control, inspections are rigorously performed before, during and after welding. This is particularly important to maintain detailed logs for traceability purposes.



PRODUCTS

FROM PORTABLE, SMALL CYLINDERS TO LARGE HOUSEHOLD OR COMMERCIAL UNITS

Sigma Cylinders product line is extensive and highly adaptable to client requirements and requisite standards and norms. Sigma's LPG cylinder sizes range from 3Kg to 50Kg.

Based on the client's preferences, the type of handle, foot, valve, final coat colour and silk printing can be customized.

Requiring less steel, less heating and less crude oil, the low-weight products fall within the framework of Sigma's commitment to environmental action.



OTHER SERVICES.

IN ITS CONTINUOUS QUEST TO PROVIDE CLIENTS WITH A FULL RANGE OF PRODUCTS & SERVICES.

Sigma Cylinders has partnered with the market's best to offer accessories and services that complement LPG cylinders including LPG Cylinders accessories and filling stations.

Vetted for the best features, highest durability and the most practical functionality, the Sigma Cylinders range of accessories represent the same quality standards they have come to be known for.

1. Burners
2. Stoves
3. Regulators
4. Hoses
5. Iron Sitters





SIGMA ACADEMY. CONTINUOUS LEARNING LEADING TO GUARANTEED GROWTH.

From customer relations workshops through to the most technical of seminars, Sigma continuously invests in its team and their personal and professional development.

The objective is to create the safest product with the highest quality standards while catering to clients' specific requirements and assisting them through the entire process.



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