



# Corporate Credentials





## Vision

To exceed our clients' expectations in quality, delivery and cost through continuous interaction with customer.



## Mission

To become the global benchmark manufacturing company for the L.P.G industry providing cutting edge products that exceed the highest set international standards of quality to customers through continuous improvements driven by creativity, team work and integrity of our employees.



# Surge Energy

We are one of Kenya's largest manufacturer & exporter of LPG Cylinders



## Location

Conveniently located in Kisaju, Kajiado County giving us easy access to the Capital (Nairobi), the Mombasa Port through Internal Container Depot (ICD) and the East Africa Region.



## Capability

We have a manufacturing capacity of 550 cylinders per hour / 2,000,000 per annum.



## International Standards

Cylinders are manufactured to conform to major International Standards including: DOT 4BA, DOT 4BW, ISO 4706, ISO 22991, AS 2469, AS 2470, NIS 69, SNI 1452, SLS 1178, EN ISO 14245, EN 13322-1, EN 1442, ISO 9606

# Production Process



Decoiling



Straightening



Blanking



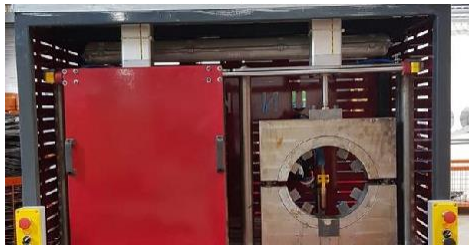
Embossing

01

02

03

04



Foot Ring Formation



Guard Ring Formation



Trimming & Jogging



Deep Drawing

08

07

06

05



# Production Process (cont'd)



Degreasing

09



Submerged Arc Welding

10



Circumferential Saw  
Welding

11



Heat Treatment

12



Powder Coating (surface  
treatment)

16



Zinc Coating (surface  
treatment)

15



Shot Blasting (surface  
treatment)

14



Hydrostatic Pressure  
Testing

13



# Production Process (cont'd)



Heat Treatment of Powder Paint

17



Vacuuming

18



Cleaning of Flange Thread

19



Valving & Application of Thread Locker

20



Tempography

24



Vacuumized Purging

23



Pnuematic Leakage Test

22



Air Filling

21

# Semi-finished product



# Our Products



**5KG, 6KG & LPG  
Cylinder**



**9KG, 12KG & 13KG LPG  
Cylinder**



**19 KG & 20 KG LPG  
Cylinder**



# Our Products...



**25KG & 38KG LPG  
Cylinder**



**40KG & 45KG LPG  
Cylinder**



**48KG & 50KG LPG  
Cylinder**

Any size from 20Kg to 50Kg is possible as per the client requirements.

# Unique Services Offered by Surge



**1. Zinc Coating**



**2. Cylinder Validation**



**3. Automated Tempography Machine**

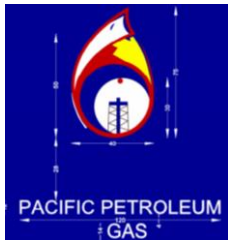


**4. Shrink Wrapping Machine**



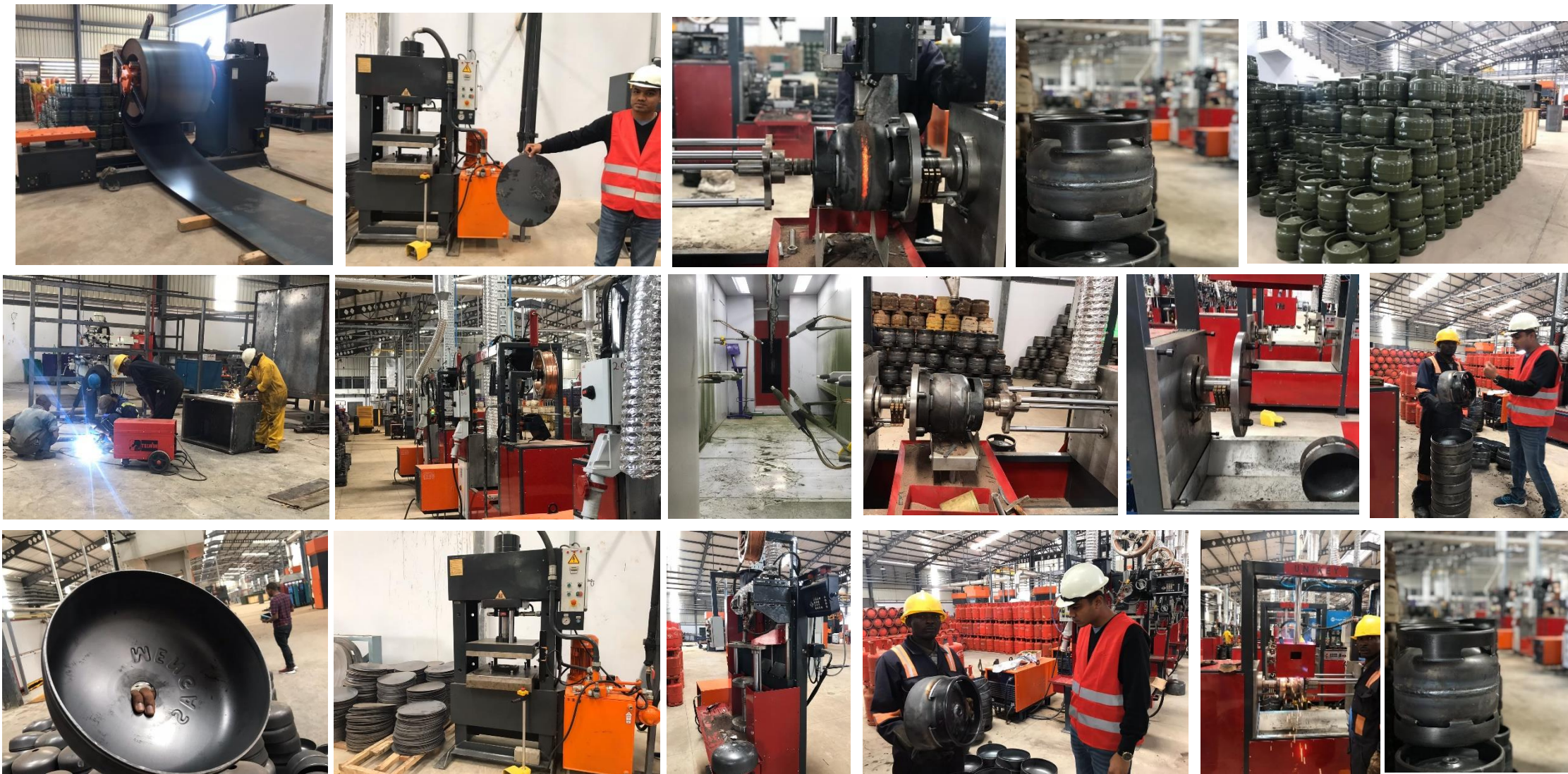
**5. RFID Technology for tracking cylinders (available upon request)**

# Some of our clients..





# Some images of the factory operations





# Some images of final products...



# ISO 9606 CERTIFIED WELDERS (TOTAL 29 CERTIFIED)

  
Kenya Bureau of Standards – Certification Body

**PERSONNEL CERTIFICATION SCHEME**  
**WELDER CERTIFICATION**

Registration No: KEBS/PC/WLD 17

Awarded to:

RASHID OMAR

National ID/ Passport No.: 27804004



  
CB/016

The above named person has been evaluated against  
KS ISO 9606-1: Qualification of Welders for Fusion Welding and found  
competent in MIG Welding ,1G Plate Weld.

22<sup>nd</sup> October 2020  
Issue Date

  
Managing Director/ Authorizing officer

21<sup>st</sup> October 2023  
Expiry Date

Issue certificate valid subject to the conditions of ISO/IEC 17024 Welder Certification scheme. For verification, contact CBstaff@kebs.org

  
Kenya Bureau of Standards – Certification Body

**PERSONNEL CERTIFICATION SCHEME**  
**WELDER CERTIFICATION**

Registration No: KEBS/PC/WLD 16

Awarded to:

JOSEPH KAMAU

National ID/ Passport No.: 29922707



  
CB/016

The above named person has been evaluated against  
KS ISO 9606-1: Qualification of Welders for Fusion Welding and found  
competent in MIG Welding ,1G Plate Weld.

22<sup>nd</sup> October 2020  
Issue Date

  
Managing Director/ Authorizing officer

21<sup>st</sup> October 2023  
Expiry Date

Issue certificate valid subject to the conditions of ISO/IEC 17024 Welder Certification scheme. For verification, contact CBstaff@kebs.org





# KEBS CERTIFICATES



ORIGINAL FORM 51A/2 (K/A)

**PERMIT TO USE THE STANDARDIZATION MARK**  
THE STANDARDS ACT (CAP. 496 OF THE LAWS OF KENYA)

PERMIT IS GRANTED TO:

NAME OF FIRM: SURGE ENERGY LIMITED STANDARDIZATION MARK NO.: 40906

POSTAL ADDRESS: P.O BOX 41943 NAIROBI EFFECTIVE FROM: 2021-01-15  
00100 EXPIRES ON: 2023-01-14

PHYSICAL ADDRESS: NAIROBI - NAMANGA RD, KISAJU, KAJIADO DATE OF ISSUE: 2021-03-17

TELEPHONE NO.: 0711-915374

FAX NO.: \_\_\_\_\_

E-MAIL ADDRESS: admin@surge.energy

to use the standardization mark specified in the first row hereunder upon and in respect of the commodity and brand specified in the second and third rows there of, which commodity conform to the standard specification in the fourth row.

1 STANDARDIZATION MARK  

2 DESCRIPTION OF THE COMMODITY UPON WHICH THE STANDARDIZATION MARK IS TO BE USED REVALIDATION OF LPG CYLINDERS

3 BRAND NAME SURGE ENERGY

4 STANDARD SPECIFICATION (Number and Title) KS 9-4 :2018 Gas cylinders-Refillable welded low carbon steel cylinders for liquefied petroleum gas (LPG) exceeding 1.5 litre water capacity Part 4:Requalification and inspection.

NOTE: 1. EVERY PERMIT HOLDER SHALL PAY AN ANNUAL FEE IN RESPECT OF EACH PERMIT GRANTED OR RENEWED

2. THIS PERMIT IS ISSUED SUBJECT TO THE CONDITIONS SET OUT OVER LEAF

  
MANAGING DIRECTOR / AUTHORIZED OFFICER  
KENYA BUREAU OF STANDARDS

 Kenya Bureau of Standards

Cert-01

ORIGINAL FORM 51A/2 (K/A)

**PERMIT TO USE THE STANDARDIZATION MARK**  
THE STANDARDS ACT (CAP. 496 OF THE LAWS OF KENYA)

PERMIT IS GRANTED TO:

NAME OF FIRM: SURGE ENERGY LIMITED STANDARDIZATION MARK NO.: 43489

POSTAL ADDRESS: P.O BOX 41943 NAIROBI EFFECTIVE FROM: 2020-06-17  
00100 EXPIRES ON: 2021-06-16

PHYSICAL ADDRESS: NAIROBI - NAMANGA RD, KISAJU, KAJIADO DATE OF ISSUE: 2020-06-17

TELEPHONE NO.: 0711-915374

FAX NO.: \_\_\_\_\_

E-MAIL ADDRESS: admin@surge.energy

to use the standardization mark specified in the first row hereunder upon and in respect of the commodity and brand specified in the second and third rows there of, which commodity conform to the standard specification in the fourth row.

1 STANDARDIZATION MARK  

2 DESCRIPTION OF THE COMMODITY UPON WHICH THE STANDARDIZATION MARK IS TO BE USED REFILLABLE WELDED STEEL CYLINDERS FOR LPG

3 BRAND NAME SURGE ENERGY

4 STANDARD SPECIFICATION (Number and Title) KS ISO 22991 Kenya standard for gas cylinders - Transportable refillable welded steel cylinders for liquefied petroleum gas (LPG) - Design and construction

NOTE: 1. EVERY PERMIT HOLDER SHALL PAY AN ANNUAL FEE IN RESPECT OF EACH PERMIT GRANTED OR RENEWED

2. THIS PERMIT IS ISSUED SUBJECT TO THE CONDITIONS SET OUT OVER LEAF

  
MANAGING DIRECTOR / AUTHORIZED OFFICER  
KENYA BUREAU OF STANDARDS

 Kenya Bureau of Standards

Cert-01

ORIGINAL FORM 51A/2 (K/A)

**PERMIT TO USE THE STANDARDIZATION MARK**  
THE STANDARDS ACT (CAP. 496 OF THE LAWS OF KENYA)

PERMIT IS GRANTED TO:

NAME OF FIRM: SURGE ENERGY LIMITED STANDARDIZATION MARK NO.: 34744

POSTAL ADDRESS: P.O BOX 41943 NAIROBI EFFECTIVE FROM: 2020-09-10  
00100 EXPIRES ON: 2022-09-09

PHYSICAL ADDRESS: NAIROBI - NAMANGA RD, KISAJU, KAJIADO DATE OF ISSUE: 2020-10-21

TELEPHONE NO.: 0711-915374

FAX NO.: \_\_\_\_\_

E-MAIL ADDRESS: admin@surge.energy

to use the standardization mark specified in the first row hereunder upon and in respect of the commodity and brand specified in the second and third rows there of, which commodity conform to the standard specification in the fourth row.

1 STANDARDIZATION MARK  

2 DESCRIPTION OF THE COMMODITY UPON WHICH THE STANDARDIZATION MARK IS TO BE USED REFILLABLE WELDED STEEL GAS CYLINDERS

3 BRAND NAME SURGE ENERGY

4 STANDARD SPECIFICATION (Number and Title) KS ISO 4706 :2008 Kenya Standard Refillable welded steel gas cylinders.

NOTE: 1. EVERY PERMIT HOLDER SHALL PAY AN ANNUAL FEE IN RESPECT OF EACH PERMIT GRANTED OR RENEWED

2. THIS PERMIT IS ISSUED SUBJECT TO THE CONDITIONS SET OUT OVER LEAF

  
MANAGING DIRECTOR / AUTHORIZED OFFICER  
KENYA BUREAU OF STANDARDS

 Kenya Bureau of Standards

Cert-01

KS-22991 certificate renewed, waiting for print out copy. Can be confirmed from the KEBS website.

# We Would Love to Hear from You



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+254 101 473 058



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Nairobi, Kenya



[sales@surge.energy](mailto:sales@surge.energy) / [aliabbas@surge.energy](mailto:aliabbas@surge.energy)





# ***Thank You!***



***Manufacturer of LPG Cylinders***

