



Vision: Greener World Safer Home

Mission: To be a world-leading provider of gas cylinders throughout our journey towards excellence.





# Hubei Daly LPG Cylinder Manufacturer Co.,Ltd



1989

Founded with 30+ years in  
the Central China, Hubei  
Province.



2000

Over 500 staffs and 200,000 m2  
workshop in total, and another 2  
subsidiary workshops located in  
Guizhou & Gansu Province.





Our DME cylinder models are from 6.5KG to 50KG.



Our LPG cylinder ranges from 3KG to 50KG models.



We have 14.5 and 48.3KG propane cylinder models.



# Testing Laboratory



X-ray Testing



Fatigue Testing



Burs Testing



Mechanical Testing



Water Jacket Testing



Chemical Analysis

# Production Process



Plate Cutting



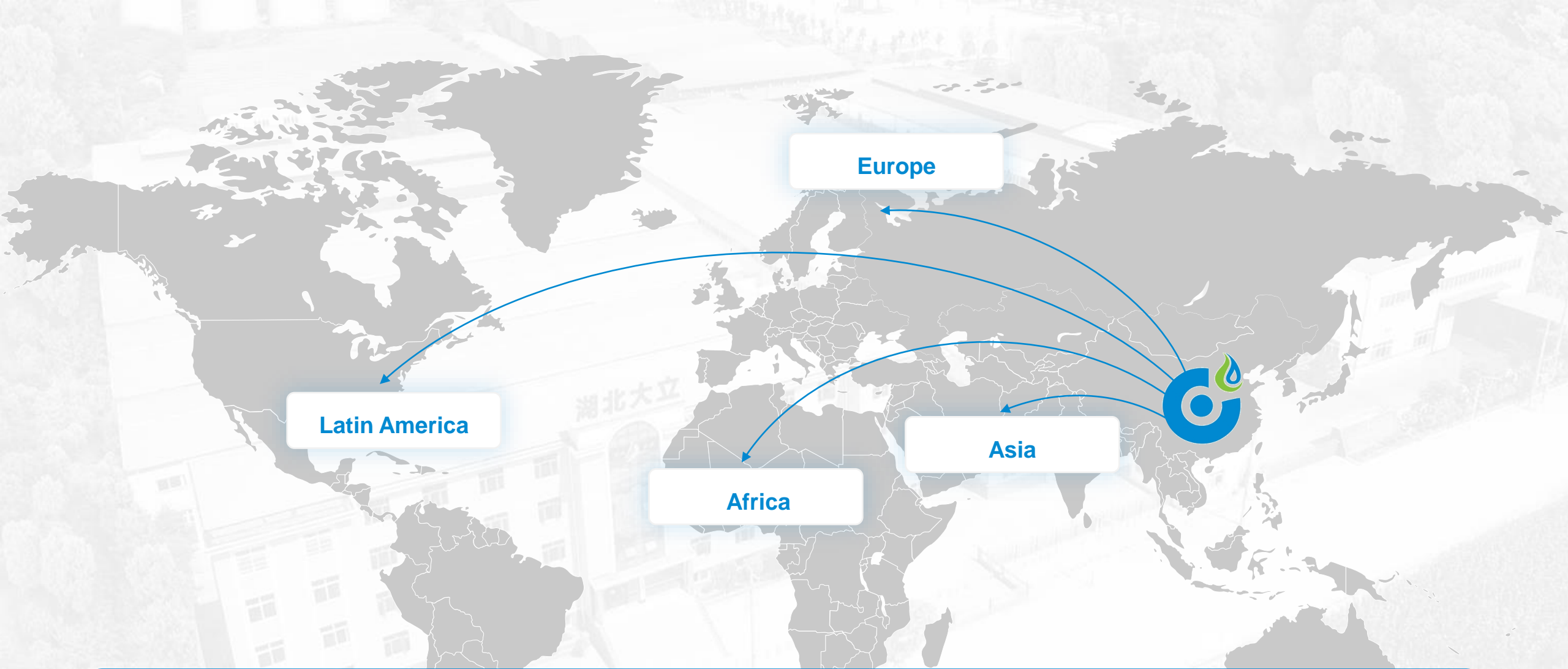
Production Testing



Shot Blasting



Heat Treatment



We have supplied LPG cylinders to Asia, Africa, Europe, and Latin America already. **About 100 million users from more than 30 countries and regions have benefited from Daly cylinder**, like Petron from Philippines, Orion from Bangladesh, JNP from Benin, Xpress Gas from Ghana, FARAR GAS from Kenya, 265 Energy from Malawi, SAHARA GAS from Mali, Gani Gaz from Niger, SMART GAS from Nigeria, Rwanda Oxygen from Rwanda, SAFY GAS from South Africa, OLAENERGY from Senegal, Kopa Gas from Tanzania, Kensys Gas from Zimbabwe, Harvest Gas from Zambia, Mexico, Haiti, Forti Gas from Dominica, and Nassau Gas from Bahamas, etc.



# Qualification

ISO 9001

ISO14001

ISO 45001



# Qualification

## Certificat ISO4706

## EN1442 Standard

## SGS product type test certification

### Certificate

**Type Approval Certificate**  
in accordance with ISO 4706: 2008

Certificate-No.: 01 202 CHN/K-210128-Z

Manufacturer: Hubei Daly LPG Cylinder Manufacturer Co., Ltd.  
No. 168, Yinhe Avenue, Yanglinwei,  
Xianta, Hubei, China

We hereby certify that the Transportable Refillable Welded Steel Cylinders for LPG - type described below fulfills the requirements of ISO 4706: 2008

Description of Type: **Transportable Refillable Welded Steel Cylinders for LPG**

- OD: 300 mm,
- Water capacity: 13 l
- Test pressure: 30 bar,
- min. wall thickness: 2.0 mm

Applying Standard: ISO 4706: 2008  
Drawing No.: LPG CYLINDERS-13.0L-00 REV-00  
Report No.: CHN/K-210128-Z  
Marking: Only marking acc. to standard.  
Validity: This certificate will remain valid as long as the standard used do not change, and the product and the manufacturing conditions in the plant are not modified significantly

All information may be obtained from TÜV Rheinland (Shanghai) Co., Ltd.

Shanghai, Sep. 10, 2021

I.A. Oliver Zhu  
Pressure Equipment and Plant Technology  
Industrial Services

TÜV Rheinland (Shanghai) Co., Ltd.  
TUV Building, No.177, Lane 777, West Guangqiang Road,  
Jianxin District, Shanghai, P.R. China 200072

Tel: +86-21-6108-1188  
Fax: +86-21-6108-1199

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### Certificate

**Type Approval Certificate**  
in accordance with ISO 4706: 2008

Certificate-No.: 01 202 CHN/K-210129-Z

Manufacturer: Hubei Daly LPG Cylinder Manufacturer Co., Ltd.  
No. 168, Yinhe Avenue, Yanglinwei,  
Xianta, Hubei, China

We hereby certify that the Transportable Refillable Welded Steel Cylinders for LPG - type described below fulfills the requirements of ISO 4706: 2008

Description of Type: **Transportable Refillable Welded Steel Cylinders for LPG**

- OD: 300 mm,
- Water capacity: 26.4 l
- Test pressure: 30 bar,
- min. wall thickness: 2.0 mm

Applying Standard: ISO 4706: 2008  
Drawing No.: LPG CYLINDERS-26.4L-00 REV-00  
Report No.: CHN/K-210129-Z  
Marking: Only marking acc. to standard.  
Validity: This certificate will remain valid as long as the standard used do not change, and the product and the manufacturing conditions in the plant are not modified significantly

All information may be obtained from TÜV Rheinland (Shanghai) Co., Ltd.

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Report-No.: This approval is based on the results of the type examination report: CHN/B-200011-T dated 18/08/2020

Drawing No.: Propane Cylinders-43.6L-00 Rev. 00

Chemical compatibility: given for LPG (UN1075)

Validity: This approval is valid for a period not exceeding ten years. End of period: 08/2030

Halle, 10/09/2020

TÜV Rheinland Industrie Service GmbH  
Am Grauen Stein, D-51105 Köln

Notified body according to Dir. 2010/35/EU and ADR/RID, accredited according to EN ISO/IEC 17025 by DANAS and ZLS.

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### NEW DESIGN TYPE APPROVAL TEST CERTIFICATE

Issued by: SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Applying ISO-Standard: SANS 4706:2009

Product: **WELDED STEEL GAS CYLINDERS FOR LPG**

Approval No.: IN-HZ-S805-20058-9K-g-21.6L Date: Dec. 16<sup>th</sup>, 2020

Type of Cylinder: 9KG-21.6L LPG Cylinder (Drawing No. DL-9KG-GH-00; Date: 2020-09-12)

Pc: 3000kg Dmax: 310mm Dmin: 312mm a: 2.0mm

Shape of base: Semi-Ellipsoidal Dome b: 2.0mm

L min: 337mm L max: 363mm V min: 21.6L V: 21.9L

Material and heat treatment: GB T 6653-2017 Grade: HP295 Normalizing 900-930°C

Material and Character: HP295 Re: ≥35MPa Rp: ≥440MPa

Manufacturing Process: DEEP DRAWING WELDING

Inspector's mark: SGS

Manufacturer or agent: Hubei Daly LPG Cylinder Manufacturer Co., Ltd.  
1684 Yinhe Avenue, Yanglinwei, Xianta City, Hubei Province, China

All information may be obtained from: SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.  
No. 41, the 5th Avenue, TEDA, Tianjin, China

Date: Dec. 16<sup>th</sup>, 2020 Place: Xianta City Signature of inspector: *[Signature]*

SGS PAPER 20396922

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### Certificate

**type approval**  
for manufacturing of  
transportable pressure equipment

Certificate-No.: 01 202 644/B-200066-T

Applicant: Hubei Daly LPG Cylinder Manufacturer Co., Ltd.  
No. 168, Yinhe Avenue, Yanglinwei,  
Xianta, Hubei, China

Manufacturer (ing plant): See applicant

Applicable provisions and standards: Dir. 2010/35/EU, in compliance with ADR/RID 2019 and EN 1442:2017

Description of the type: Transportable refillable welded steel cylinder for LPG Volume 108 L, Diameter 300 mm, test pressure 30 bar, working temperature ≤50°C/40°C

It is confirmed that the described type is in compliance with the requirements of the directive

Shanghai, Dec. 16, 2018

I.A. Oliver Zhu  
Pressure Equipment and Plant Technology  
Industrial Services

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### Certificate

**Type Approval Certificate**  
in accordance with EN 1442:2006+A1:2008

Certificate-No.: 01 202 CHN/K-210127-Z

Manufacturer: Hubei Daly LPG Cylinder Manufacturer Co., Ltd.  
No. 168, Yinhe Avenue, Yanglinwei,  
Xianta, Hubei, China

We hereby certify that the Transportable Refillable Welded Steel Cylinders for LPG - type described below fulfills the requirements of EN 1442:2006+A1:2008

Description of Type: **Transportable Refillable Welded Steel Cylinders for LPG**

- OD: 300 mm,
- Water capacity: 13 l
- Test pressure: 30 bar,
- min. wall thickness: 2.02 mm

Applying Standard: EN 1442:2006+A1:2008  
Drawing No.: LPG CYLINDERS-13L-00 REV-00  
Report No.: CHN/K-210127-Z  
Marking: Only marking acc. to standard.  
Validity: This certificate will remain valid as long as the standard used do not change, and the product and the manufacturing conditions in the plant are not modified significantly

All information may be obtained from TÜV Rheinland (Shanghai) Co., Ltd.

Shanghai, Sep. 10, 2021

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### Certificate

**Type Approval Certificate**  
in accordance with EN 1442:2006+A1:2008

Certificate-No.: 01 202 CHN/K-180288-Z

Manufacturer: Hubei Daly LPG Cylinder Manufacturer Co., Ltd.  
No. 168, Yinhe Avenue, Yanglinwei,  
Xianta, Hubei, China

We hereby certify that the Transportable Refillable Welded Steel Cylinders for LPG - type described below fulfills the requirements of EN 1442:2006+A1:2008

Description of Type: **Transportable Refillable Welded Steel Cylinders for LPG**

- OD: 300 mm,
- Test pressure: 30 bar,
- min. wall thickness: 2.1 mm

Applying Standard: EN 1442:2006+A1:2008  
Drawing No.: LPG CYLINDERS-26.4L-00 Rev. 02  
Report No.: CHN/K-180288-Z  
Marking: Only marking acc. to standard.  
Validity: This certificate will remain valid as long as the standard used do not change, and the product and the manufacturing conditions in the plant are not modified significantly

All information may be obtained from TÜV Rheinland (Shanghai) Co., Ltd.

Shanghai, Dec. 16, 2018

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1. European Union TPED Certificate for 12.5LG, 19KG and 45KG.



Morocco COC



Saudi Arabia:QM



Nigeria:soncap



Uganda



Kenya



Tanzania



SANS4706/ISO4706 (South Africa)

1. CCVP permit issued by LPGSA;
2. New Design Type Approval Certificate issued by SGS: 3KG-7.2L, 5KG-12L, 7KG-16.7L, 9KG-21.6L, 9KG-24L, 19KG-45.3L and 48KG-114.3L

1. PS certificate issued by Bureau of Philippines Standards: 2.7KG, 3KG, 5KG and 11KG;



PNS03-1:2000 (Philippines)



SLS1178:2013( Sri Lanka)

1. SLSI Permit issued by Sri Lanka Standard Institution:5KG, 12.5KG and 37.5KG

DOT Standard (USA)



1. DOT-4BA certificate inspected by TUV and issued by US Department of Transportation: (Only three Chinese LPG Manufacturers have this certificate): 9KG-21.6L and 45KG-108L;



# Cooperative partner

SGS



# THANKS

