



Industrie Service

Choose certainty.  
Add value.

# REPORT OF THIRD PART INSPECTION

In accordance with the request of **VDV Benefit GmbH**, we visited the factory of [redacted] on April 2018 for purpose of inspection and test of Non-refillable welded steel gas cylinder in accordance with the under noted scope of inspection

**TÜV SÜD**  
**Industrie**  
**Service GmbH**  
**Shanghai Office**

Supplier:

[redacted]

Customer:

VDV Benefit GmbH  
Bergstr. 11a, 45527 Hattingen, Germany.

P.O.No.:

XXXXXX

Description of goods:

1. Non-refillable welded steel gas cylinders of EC244-13-34.5-00

Random select 5pcs from 600pcs with batch No 180406a according to the drawing No. EC244-13-34.5-00 Rev.0.

Reference Specifications:

EN ISO 11118: 2015

Excerpts from this document August only be reproduced and used for advertising purposes with the express written approval of TÜV SÜD Industrie Service GmbH  
The test results refer exclusively to the units under test.

No. 151 Heng Tong Road  
Shanghai 200070,  
P.R.China  
Telephone: +86 21 6140 8672  
Telefax: +86 21 6140 8600  
Internet: www.tuv-sud.cn  
E-mail: xu.lilu@tuv-sud.cn



Inspection Scope : (Quotation No.:7482180453)

1. Random select 5pcs non-refillable gas cylinders from 600pcs
2. Witness pressure test for selected 5pcs non-refillable gas cylinders
3. Witness burst test for selected 3pcs non-refillable gas cylinders
4. Witness mechanical test for selected 2pcs non-refillable gas cylinders
5. Dimensional check for selected 5pcs non-refillable gas cylinders
6. Issuance of the third party inspection report

**Result of inspection:**

- 1. Witness pressure test Acceptable
- 2. Witness burst test Acceptable
- 3. Witness mechanical test Acceptable
- 4. Dimensional check as per drawing Acceptable

**1. Random select 5pcs non-refillable gas cylinders from 600pcs, with batch No. is 180406a.**

The non-refillable gas cylinders with drawing No. EC244-13-34.5-00 Rev.0

provide by WEIDE's factory. The details of random select condition can be found in the follow pictures:

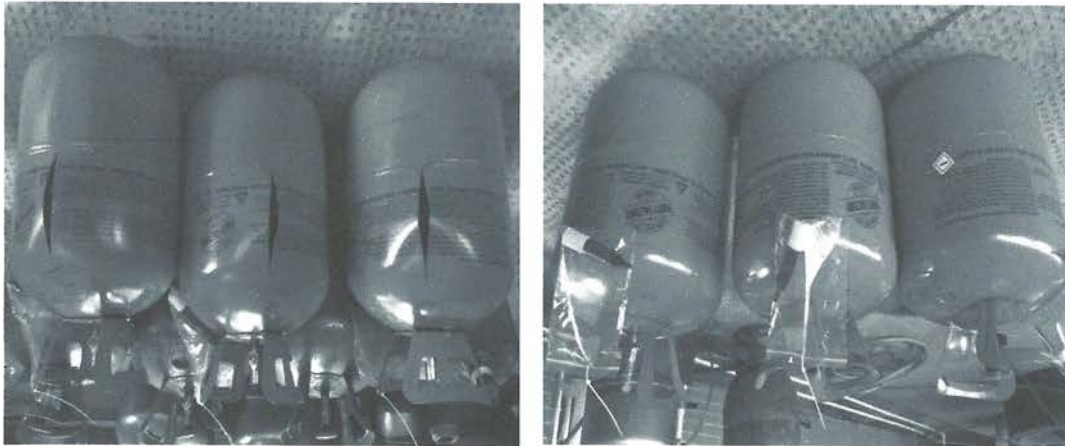


**2. Witness pressure test for selected 5pcs non-refillable gas cylinders**

Pressure test was performed by WEIDE's factory, under the witness of TÜV SÜD in-spector, the results meet the requirement of drawings and EN ISO 11118: 2015, The details are specified in the pressure test report.

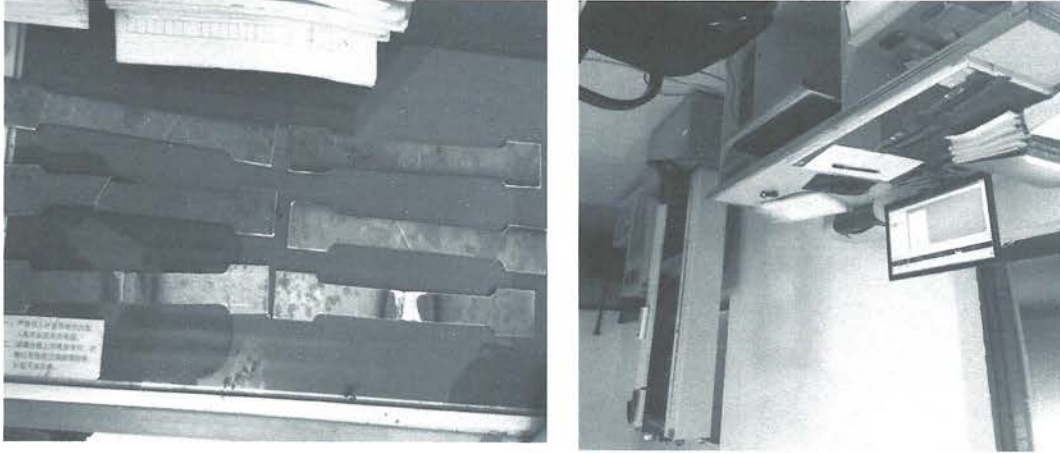
**3. Witness burst test for selected 3pcs non-refillable gas cylinders**

The burst test was performed by WEIDE's factory, under the witness of TÜV SÜD in-spector, the results are satisfactory and the details described in the annex burst test report with No. 180406a-S1A, 180406a-S2A, 180406-S3A. The site condition can be found in the following pictures:



**4. Witness mechanical test for selected 2pcs non-refillable gas cylinders**

The tensile tests were performed under the witness of TÜV SÜD in-spector, the testing results are satisfactory and the details described in the annex mechanical properties report with No. 183010. The details can be found in the following pictures:

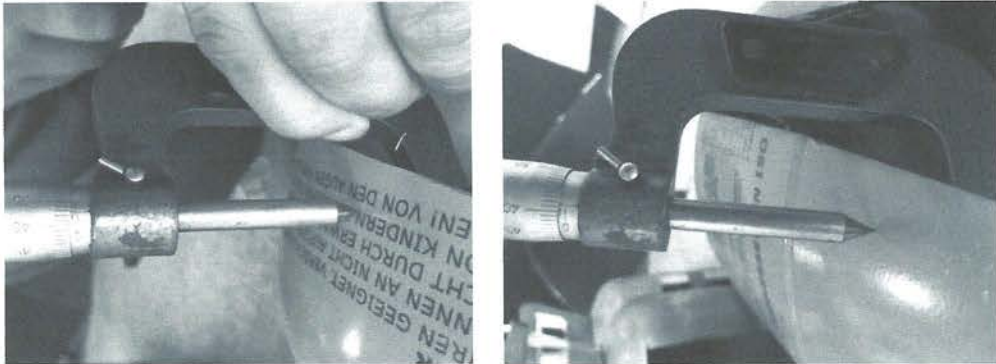






**5. Dimensional check for selected 5pcs non-refillable gas cylinders**

Dimensional inspection as per drawings were checked as per drawings, the results of dimensional and thickness inspection are compiled with the requirements of drawings, the details are shown in the Inspection Report. The details can be found in the following pictures:



**6. Issuance of the third party inspection report.**

**Appendix:**

1. Drawing with No.: EC244-13-34.5-00 Rev.0
2. Pressure test report
3. Hydraulic burst test report with No.: 180406a-S1A, 180406a-S2A, 180406a-S3A
4. Mechanical property test report with No.: 183010
5. Dimensional check report

Inspected by: Xu LIU

Date of issue: 2018-04-26