

Inspection-No.: 220025

**REPORT OF THIRD PARTY INSPECTION**

Client: DUVALCO VALVES (WUXI) CO., LTD.

Lidong Village, Xinan Street, New District, Wuxi City,  
Jiangsu Province, P. R. China

Contact Person: Mr. Wang Qiang

Manufacturer Name: DUVALCO VALVES (WUXI) CO., LTD.

Inspection Place: Wuxi

Contact Person: Mr. Wang Qiang

Inspection Date: 2014-4-3

Inspector: Chen Guilin

Quality System Status: Not available

Order Number: 7482008392



Industrie Service

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The test results refer exclusively  
to the units under test.





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- Nature Of Inspection:**
1. Review relevant documents
  2. Witness relevant test

This is to report that we, TÜV SÜD Industry Service GmbH Shanghai Office on April 3, 2014 at the request of DUVALCO VALVES (WUXI) CO., LTD. conducted the following inspection:

## 1. Document Review

### 1.1 Material Certificates

Material certificates of main pressure parts (body, disc and shaft) (with No. 1318, YF130504 and 201311022 for DN100 PN25 butterfly valve, No. 1319, 0201 and 201307023 for DN125 PN16 butterfly valve, No. 1318, YF130504 and 201307024 for DN150 PN16 butterfly valve, No. 1318, BY110818 and 201307025 for DN200 PN16 butterfly valve, No. 1318, BY110818 and 201307026 for DN250 PN25 butterfly valve and No. 1319, YF130504 and 201307027 for DN300 PN25 butterfly valve) and seal material with no. 256969 are satisfied the requirements and the results are acceptable. The detailed documents are as the annex of the report.

### 1.2 3.1 certificates

All 3.1 certificates supplied by DUVALCO VALVES (WUXI) CO., LTD. ( With item number 2014-044, 2014-045, 2014-046, 2014-047, 2014-048 and 2014-049) have been reviewed and the results are acceptable. The detailed documents are as the annex of the report.

### 1.3 Other technical documents

Inspection records of 6 finished butterfly valves and hydrostatic test sheets supplied by DUVALCO VALVES (WUXI) CO., LTD. have also been reviewed and the results are acceptable. The detailed documents are as the annex of the report.

## 2. Witness relevant test

### 2.1 Pressure test according to EN12266-1

Shell strength test, shell tightness test and seat tightness test of the 6 valves(DN100 PN25 butterfly valve, DN125 PN16 butterfly valve, DN150 PN16 butterfly valve, DN200 PN16 butterfly valve, DN250 PN25 butterfly valve and DN300 PN25 butterfly valve) have been carried out according to EN12266-1 2003 and BS EN593 2004 part 5.1 and the tests are witnessed by the inspector of TÜV SÜD, Test procedure is according to EN12266-1 and the test results are acceptable;

Annex:

1. 3.1 certificates. ( With item number 2014-044, 2014-045, 2014-046, 2014-047 and 2014-048) 6 pages;
2. Material certificates 18 pages;
3. Seal material certificate 1 page;
4. Pressure gauge verification certificate with No.4520864 1 page;





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- 5. Inspection records 6 pages;
- 6. hydrostatic test sheets 6 pages;

Inspected by: Chen Guilin

Date of issue: April 4, 2014

