


 Interim  
 Final

## INSPECTION REPORT N° 1713

BV Job nr: IDD.TR.1374260.12.A41

**PROJECT: Witness of Rubber Compensators' Hydrostatic Test**

Ref: IDD.TR.1374260.12.A41

**BV Client: Unites Tesisat Teknolojileri San. Tic. Lim.**
**P/o nr: N/A**  
 (client to BV)

**Manufacturer: Unites Tesisat Teknolojileri San. Tic. Lim.**
**P/o nr: N/A**  
 (client to Manufacturer)

**Inspection requested by: Unites Tesisat Teknolojileri San. Tic. Lim.**

| SUPPLY / SUBJECT OF INSPECTION                                      | ITEM / TAG Nr         | QTY   |
|---|-----------------------|-------|
| According to TS 10879, Witnessing Hydrostatic tests of Compensators | DN 200,150,<br>100,65 | 8 pcs |

**DOCUMENTS OF REFERENCE** : See continuation sheet for additional documents:  Yes  No

| Title   | Reference n° | Rev. | Approved by | Date |
|---|--------------|------|-------------|------|
| Compensator-Rubber expansion joint for gas pipe lines and installations | TS 10879     | 0    | -           | 1993 |

## INSPECTIONS :

**Inspection place & Date or Period:**

Unites Tesisat Teknolojileri / GEBZE/Kocaeli-16.11.2012

**Stage of inspection :**

- Before manufacturing  
 During manufacturing  
 Final  
 Packing

**Type of inspection:**

- Pre-inspection meeting  
 Document and QC record review  
 Visual examination, checks  
 Witnessing tests  
 Manufacturing progress status  
 Vendor assessment  
 Final inspection  
 Packing

(for details see continuation sheet)

**Stamping :**

- No          

**Results of inspection** :  Satisfactory  Unsatisfactory
**Non Conformities Reports (NCR):** NCR's issued during reported period :N/A List of outstanding NCR's : N/A**Main Conclusions & Remarks:** (for details see continuation sheet)

Having performed for eight hydrostatic tests of Rubber Compensator under BV inspector witnessing. Four diameter kinds of Rubber Compensator and each kind include 2 hydrostatic test pieces. No leak or deformation was observed during test and test results are satisfactory according to TS 10879

**Next visit scheduled:** N/A

**INSPECTION REPORT N°1713**

(continued)

**BV Job nr: IDD.TR.1374260.12.A41****Description of the inspections carried out:****Introduction**

- Further to request from Unites Tesisat Teknolojileri San. Tic. Lim, the undersigned resident surveyor of Bureau Veritas acting within the General Terms and conditions of Bureau Veritas which governs such intervention, did attend the premises of witnessing hydrostatic test of Compensators
  
- **Attendees :**
  - A. Levent ARSLAN , Bureau Veritas
  - Mustafa GÜRSEL, Unites Tesisat Teknolojileri
  
- **Applicable Documents & Status of Approval**
  - TS 10879 Compensator-Rubber expansion joint for gas pipe lines and installations,1993
  
- **Details of inspection activities carried out with respect to scope of work**

**Compensators Details :**

- Two Rubber Compensators, Nominal Diameter DN200 and Nominal Pressure PN16
- Two Rubber Compensators, Nominal Diameter DN150 and Nominal Pressure PN16
- Two Rubber Compensators, Nominal Diameter DN100 and Nominal Pressure PN16
- Two Rubber Compensators, Nominal Diameter DN65 and Nominal Pressure PN16

**Test Conditions :**

- Test Fluid: %100 water
- Test pressure 24 bar
- Design Pressure 16 bar
- Test period 5 minutes

**Test Details :**

- **Hydrostatic Test of eight rubber compensator:** Hydrostatic Test of eight rubber compensators which are two DN200, two DN150, two DN100 and two DN65 have been witnessed on 24 bar which is 1.5 times of design pressure (PN16) during 5 minutes. No leak or deformation was observed during test. Test results are satisfactory according to TS 10879, Compensator-Rubber expansion joint for gas pipe lines and installations.

➤ **Results of Inspection**

Eight hydrostatic tests were completed under BV Inspector witnessing according to TS 10879.

No leak or deformation was observed during test and test results are satisfactory according to TS 10879

All calibration certificates that used on the tests have been reviewed. At the end of the Hydrostatic Test, all test pieces were packed.



1. Rubber Compensator DN150



2. Rubber Compensator DN150



3. Rubber Compensator under pressure



4. 24 Bar, Test Pressure



5. Hydrostatic Test machinery



6. After Hydrostatic Test



7. DN 65 PN16 Rubber Compensator



8. At the end of the Hydrostatic Test



9. Prepare to Hydrostatic Test



10. At the end of the Hydrostatic Test

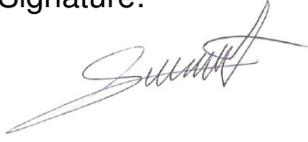
➤ Problems pending: **N/A**

ANNEXES  Yes (Total number of pages: )  No

**Inspected by:**

Name: A. Levent ARSLAN

Signature:



**Checked by:**

Name: Serhan ZURNACI

Signature:



Date of issue: 16.11.2012

**Inspection centre:** BV TURKEY

Distribution:  CLIENT

MANUFACTURER