

TEST REPORT	CENTRO DI SALDATURA SABBA MICHELE
Number: SPS/0278/16 date: 23/11/2016	VIA STATALE LUCCHESE,31/33
OMEKO Ref.: 3345/16 Page 1 of 4	LOCALITA' MASOTTI
CUSTOMER Ref.: ORD.033 26/10/16	51304 SERAVALLE PISTOIESE PT

Sample: MONOLITHIC INSULATING JOINT PN300

Identification: SN 1971

Date of receipt: 07/11/2016

TYPE TEST

Test standards: UNI 10285:1993

Performed test: Pneumatic test (7.4.1.4.3)
Hydraulic cycling test (7.4.1.4.1)
Hydraulic static test (7.4.1.4.2)

Equipment:

Pneumatic test (7.4.1.4.3)

- | | | |
|------------------------|-----------------------------|---------------------------------|
| - Pressure gauge | SPRIANO 0+10 bar | Identif. Nr. SPS-0050 |
| - Digital thermometer | DELTA OHM | Identif. Nr. SPS-0364+ SPS-0469 |
| - Bubble soap solution | NDT Gas Proof ASTME E515-95 | |

(7.4.1.4.1) - Hydraulic static test (7.4.1.4.2)

- | | | |
|-------------------------|---------------------------|---------------------------------|
| - Hydropneumatic pump | HYDRO PNEUMATIC | Identif. Nr. SPS-0067 |
| - Data acquisition unit | HBM Spider 8 | Identif. Nr. SPS-0303 |
| - Pressure gauge | AEP Transducer 0+2000 bar | Identif. Nr. SPS-0489 |
| - Pressure gauge | WIKA 0+1000 bar | Identif. Nr. SPS-0047 |
| - Digital thermometer | DELTA OHM | Identif. Nr. SPS-0364+ SPS-0469 |

This test report concerns only the sample submitted to the test. If not otherwise indicated, the sampling operation were performed by the Customer.

Date/s of execution: 07/11/2016

At: OMEKO Lab. - Monza

Notes: - - -

The samples have to be kept (after the test execution): 20 days (in case of Law 1086 and supervised tests) and 6 months (in case of other tests).
Technical recordings are kept: 10 years

Technician/s	Technical Manager
R. BOZZA	M. CASARIL

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Test conditions and results

Pneumatic test (7.4.1.4.3)

- Room temperature : 21°C
- Test fluid : Aria di rete
- Test pressure : 5,5 bar
- Soak time : 15 min
- Bubble soap solution : NDT Gas Proof ASTM E515-95
- Result : No continuous bubbles formation were noticed

Hydraulic cycling test (7.4.1.4.1)

- Room temperature : 21°C
- Test fluid : Water
- Initial pressure : 450 bar
- Soak time : 10 min
- Cycling pressure : 0+390 bar
- Number of cycling : 5
- Result : No rupture or visible damaging of the sample after the cycles.

Hydraulic static test (7.4.1.4.2)

- Room temperature : 21°C
- Test fluid : Water
- Test pressure : 450 bar
- Soak time : 30 min
- Result : No pressure drop

After the hydraulic static test the pressure inside the sample was increased up to 764 bar. No rupture of the sample noticed after the test.

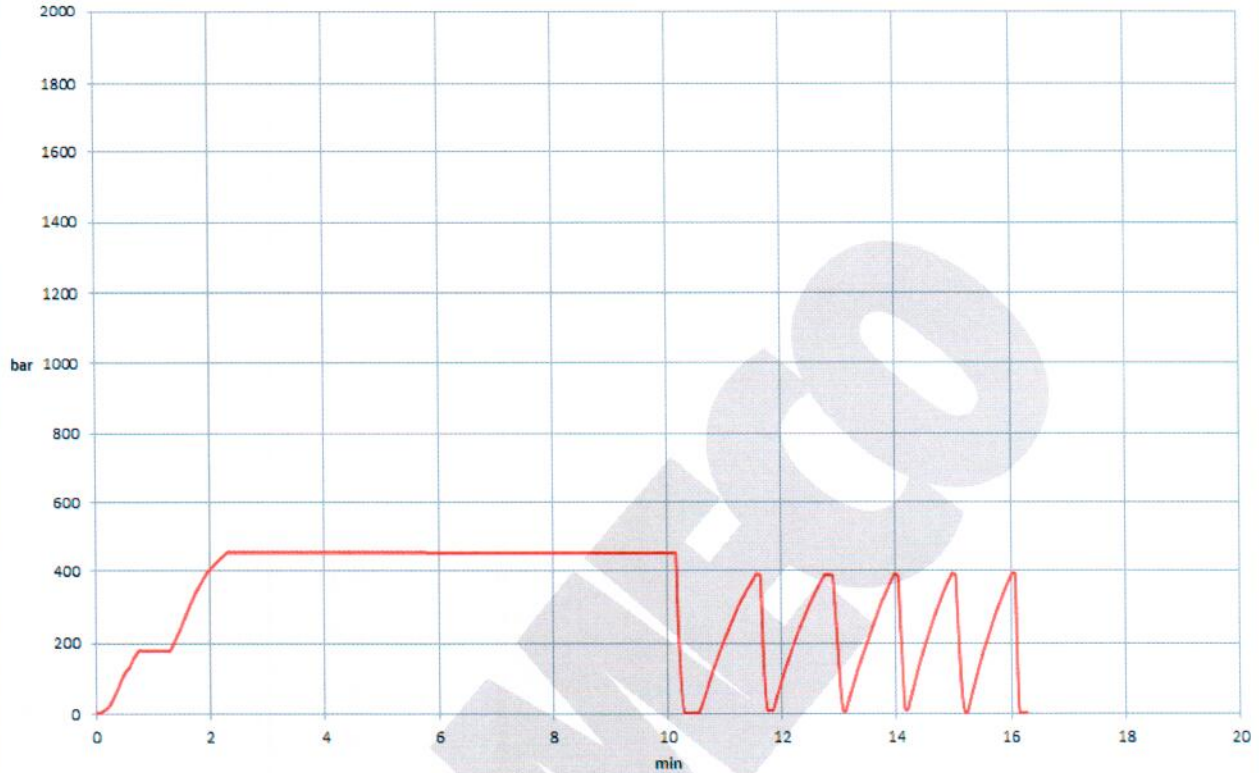
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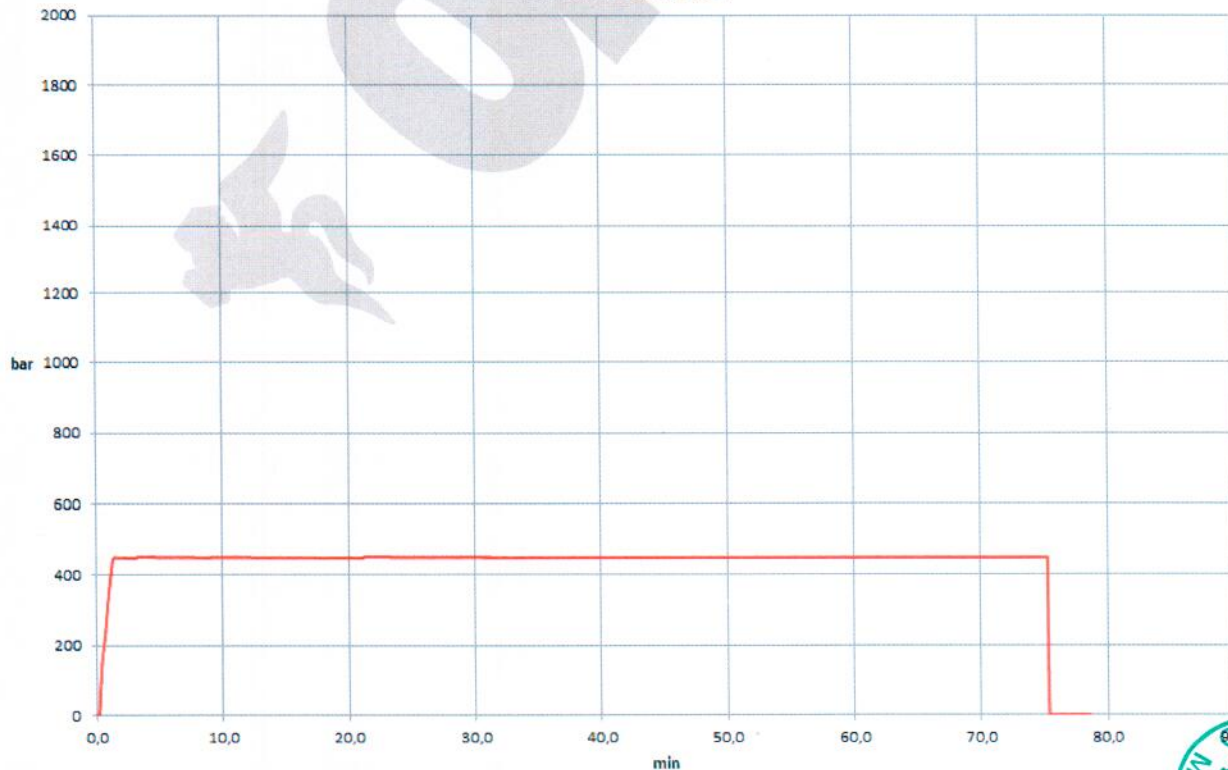
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Hydraulic cycling test



Hydraulic static test



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