

# Report

Overload and leak test for the:  
Gas pipe



**Construction project | Construction phase:** \_\_\_\_\_

**Customer | Representatives:** \_\_\_\_\_

**Contractor | Representatives:** \_\_\_\_\_

Piping system material: \_\_\_\_\_

Fittings material: \_\_\_\_\_

Sealing elements material: \_\_\_\_\_

Connection type: \_\_\_\_\_

Press tool: (Type/manufacturer) \_\_\_\_\_ Contour press jaw/chain: \_\_\_\_\_

Testing medium:  Air  Nitrogen  \_\_\_\_\_

The gas pipe has been  tested as a complete system.  tested in \_\_\_\_\_ sections.

The pipes are sealed with caps, plugs, blanking plates or blind flanges.

## Gas installation ≤ 100 mbar (low pressure)

### 1. Load test

- 1.1 Fittings
  - removed
  - built-in (nominal pressure ≥ test pressure)
- 1.2  Test pressure 1 bar
- 1.3  Test time 10 minutes
- 1.4  No drop in test pressure during test time

### 2. Leak test

- 2.1  The fittings are built-in
- 2.2  Test pressure 150 mbar
- 2.3  Test time according to the table
- 2.4  No drop in test pressure during test time
- 2.5  The system is leak-proof.

	Contents	Adjustment period	Minimum test time
<input type="checkbox"/>	< 100l	10 min	10 min
<input type="checkbox"/>	≥ 100l < 200l	30 min	20 min
<input type="checkbox"/>	≥ 200l	60 min	30 min

## Gas installation > 100 mbar ≤ 1 bar (medium pressure)

### 1. Combined load and leak test

- 1.1  Fittings are built-in (nominal pressure ≥ test pressure)
- 1.2  Test pressure 3 bar
- 1.3  Temperature compensation approx. 3 hours
- 1.4  Test time ≥ 2 hours
- 1.5  No drop in test pressure during test time
- 1.6  The system is leak-proof.

### Remarks:

A proper test of the system has been completed!

Place | Date \_\_\_\_\_ Place | Date \_\_\_\_\_

(Customer | Representatives) \_\_\_\_\_ (Contractor | Representatives) \_\_\_\_\_