

## Pressure test protocol for drinking water pipes, testing with pressurised air or inert gases

Pressure test according to DIN EN 806-4 and the corresponding data sheet of the ZVSHK.

Test report for the MULTITUBO systems drinking water installation.

Building project: \_\_\_\_\_

Construction phase: \_\_\_\_\_

Contracting authority / representative: \_\_\_\_\_

Contractor/ representative: \_\_\_\_\_

Connectors used with the MULTITUBO systems Alu Multilayer Pipe:

- Metall-Press-Fittings    PPSU-Press-Fittings    Metall-Push-Fittings    PPSU-Push-Fittings  
 Welding-Fittings    Screw-Fittings

- All lines have been closed with metal plugs, caps, blanking washers or blind flanges, **all connections have been visually inspected to ensure that they have been properly installed.**
- Vessels, devices and fittings not suitable for the test pressure were separated from the plant/section to be tested.
- The pipe system was professionally flushed with filtered drinking water, completely filled and ventilated.
- The temperature difference between test medium and ambient temperature has been taken into account (difference > 10 K => wait 30 min, then check test pressure), when the test time began.
- A manometer with a reading accuracy of 100 hPa (0.1 bar) was used.

System pressure: \_\_\_\_\_ bar

Ambient temperature: \_\_\_\_\_ °C   Temperature test medium: \_\_\_\_\_ °C

Test medium:    oil-free compressed air    nitrogen    carbon dioxide    \_\_\_\_\_

The drinking water system was tested as    complete system    in \_\_\_\_\_ subsections

### Leak test

Test pressure 150 mbar

Test time up to 100 litres capacity volume at least 120 minutes; per further 100 litres the test time must be increased by 20 minutes.

Line volume: \_\_\_\_\_ liters   Testing time: \_\_\_\_\_ minutes

- No pressure drop was detected during the test period.

### Load test with increased pressure

Test pressure: MULTITUBO-Pipe ≤ 63 x 6 mm, max. 3 bar, MULTITUBO-Pipe > 63 x 6 mm, max. 1 bar, testing period 10 minutes

- All connections visually inspected for proper tightness.  
 No pressure drop detected during the test period.  
 The piping system is tight.

Place, date

Signature, company stamp, contractor

Place, date

Signature, company stamp, contracting authority