Pressure test protocol for drinking water pipes, testing with water

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:

☐ Metal-Press-Fittings ☐ PPSU-Press-Fittings ☐ Metal-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.

☐ The installation must be protected against frost.

☐ A manometer with a reading accuracy of 100 hPa (0.1 bar) was used.

water temperature: _____ °C,   ambient temperature: _____ °C,

Allowed max. operating pressure: _____ bar

Preliminary test / Additional test safety for Metal-Press-Fittings and PPSU-Press-Fittings from dim 16 mm to 32 mm

Slowly increasing the pressure in the pipe system to the **max. test pressure** of **1.5 bar**. **Test duration: 15 min**

Start-date /-time: _____ , _____ , End-time: _____ , Test pressure: _____ bar
                        Date   Time   Time

☐ The piping system is tight (visual inspection)

Main test

Test pressure (accord. to DIN EN 806-4) = 1.1 times allowed max. operating pressure = min. 11 bar
(related to the lowest point of the system)
No pressure drop must be detectable during the **test period of 30 min.**

Start-date /-time: _____ , _____ , End-time: _____ , Test pressure: _____ bar
                        Date   Time   Time

☐ The piping system is tight (visual inspection, no pressure drop detectable at the manometer)

Attestation

_____   _____
Place, date   Signature, company stamp, contractor

_____   _____
Place, date   Signature, company stamp, contracting authority