

**PRESSURE TEST REPORT****Pressure-test medium: compressed air or inert gases**

**for heating and drinking water for the systems alpex-plus® (16, 20, 26),  
alpex-duo® (16, 20, 26, 32) and alpex L (40, 50, 63, 75)**

Building projekt: \_\_\_\_\_

Building phase: \_\_\_\_\_

Customer (represented by): \_\_\_\_\_

Supplier (represented by): \_\_\_\_\_

System pressure: \_\_\_\_\_ bar Ambient temperature \_\_\_\_\_ °C Test medium \_\_\_\_\_ °C

Test medium:  Oil-free compressed air  Nitrogen  Carbon dioxide

The system  / \_\_\_\_\_ section(s)  have been pressure tested

Metal plugs, caps, blanking plates or blind flanges must be used to seal all pipes. Apparatuses, pressure tanks or water heaters for drinking water must be disconnected from the pipes. Visually check that all pipe are properly connected.

The ZVSHK advisory leaflet on "Dichtheitsprüfung von Trinkwasser-Installationen mit Druckluft oder Intergas" (Leak-testing of drinking water installations using compressed air or inert gas as pressure medium) and VDI 6023 Sheet 1 "Hygiene in Trinkwasseranlagen" (Hygiene in drinking water systems) must be taken into consideration.

**1. Leak-testing acc. to the ZVSHK advisory leaflet**

**110 mbar test pressure:** If the pipeline has a capacity of up to 100 litres, the test must be conducted over a period of not less than 30 minutes. The increase for every additional 100 litres is 10 minutes

Pipeline capacity: \_\_\_\_\_ litres Test period: \_\_\_\_\_ minutes

The test period will begin only after thermal equilibrium and steady state condition has been achieved.

- The visual inspection of the system has been completed.  
 A manometer/U-shaped pipe has been used to conduct the review.\*  
 No pressure drop was observed during the test period.

**2. Strength test using high pressure**

The test period will begin only after thermal equilibrium and steady state condition has been achieved.

**Pressure test max. 3 bar\*\* ≤ 63 x 4.5mm Test period: 10 minutes**

**Pressure test max. 1 bar\*\* > 63 x 4.5mm Test period: 10 minutes**

**The piping system has been proven to be leak-tight.**

Place, date \_\_\_\_\_

\_\_\_\_\_  
(Customer signature/customer representative signature)

\_\_\_\_\_  
(Supplier signature/supplier representative signature)

\* Use manometers that are capable of accurately measuring the pressure to the nearest 1 mbar only.

\*\* Use manometers that are capable of accurately measuring the pressure to the nearest 0.1 bar only.