

Pressure test log for closed hot water heating and cooling systems - "wet"



Installation with the systems Profipress²⁾, Sanpress²⁾, Sanpress Inox²⁾, Prestabo^{1) 2)}, Megapress^{1) 2)}, Sanfix Fosta²⁾ and Raxofix²⁾

Project / no.		
Building project / construction stage		
Customer / representative		
Contractor / representative		
Piping system used		
Material of the piping system		
Temperatures	Ambient _____ °C	Testing medium _____ °C

The completed system was checked as one entire pipeline or in ____ sections.	
Permitted maximum operating pressure in relation to the bottom-most part of the system	_____ bar
Pick-up pressure of the safety valve	_____ bar
Before carrying out the pressure test, all containers, devices and fittings not suitable for the pressure to be applied must be disconnected from the system / section to be tested.	
The system / section to be tested has been filled with filtered water and vented completely.	
The guide values pursuant to VDI2035 have been taken into consideration.	

Test pressure

For an adequate period of time of a pressure test, a pressure of 30 % above the operating pressure pursuant to DIN EN 14336 (2005-1) is applied to the completed system.

Selected test pressure	_____ bar	Selected test time	_____ hours
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Functional test of the SC-Contur

In case of major differences ($\approx 10\text{K}$) between the ambient temperature and the filling water temperature, a waiting period of 30 minutes for temperature adjustment has been observed after filling the system.	
The visual inspection of the piping system/check per manometer (test accuracy 0.1 bar) has been completed.	
No pressure loss was detected during the functional test.	
No leakage was detected during the functional test.	
The piping system has been properly tested. It is leakproof.	

Heat-up test

Immediately after the pressure test and functional test, the system was heated up to the maximum heating temperature which was the basis for the calculation.	
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¹⁾ For carbon steel installations, Viega recommends to carry out the pressure test with oil-free compressed air or inert gas if it is not possible to start the system up or to drain it completely immediately after the pressure test.

²⁾ The information in the ZVSHK brochure "Leakage tests of potable water installations", sections 1-2 and 4-7 must be observed.

Comments: _____

Place _____ Date _____

 Customer's signature

 Contractor's signature