

Pressure test record for compressed air and inert gases

This method should be used only in exceptional cases if the testing with the medium water is not possible.

Project name : _____

Responsible contractor / designer : _____

Material of the pipe system : _____

Type of connection :

Butt welding	<input type="checkbox"/>	Screw joint	<input type="checkbox"/>
Socket welding	<input type="checkbox"/>	Flange connection	<input type="checkbox"/>
Others	<input type="checkbox"/>		

Operation pressure in bar / psi : _____

Ambient temperature in °C / deg. F : _____

Temperature of the medium in °C / deg. F : _____

Test medium : _____

Pipe system tested in :

Sections	<input type="checkbox"/>	Complete system	<input type="checkbox"/>
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All pipes are closed with plugs, caps, shut-off plates or blank flanges.
 Apparatus, pressure tanks or drinking water heaters are separated from the pipe system.
 A visual inspection of all pipe connections for professional execution was performed.
 The safety instructions of the national standards and regulations have to be followed.

Preliminary test :

Test pressure : 150mbar / 2.2 PSI Manometer measuring range 1 mbar / 0.015PSI

Testing period for pipes up to 100 L / 26.4 gal. volume : minimum 60 minutes.
 Every 100 L / 26.4 gal. extra volume: the testing period is increased by 10 minutes

Volumen in L: _____ Time in min: _____

When the steady-state condition (stable pressure at consistent temperature) is reached, the testing period starts.

Principal test :

Test pressure for pipes up to DN50: 3 bar / 43.5 PSI Manometer measuring range 0,1 bar / 1.45 PSI

Test pressure for pipes larger than DN50: 1 bar / 14.5 PSI

Testing period : 10 minutes

**When the steady-state condition (stable pressure at consistent temperature) is reached, the testing period starts.
 If the dimensions are larger DN 100 / 4", the pipe system, due to material characteristics, might need
 to be pressurized several times until the steady-state condition is reached**

The test pressure was stable over the whole testing period, no defect or leak was found.
 The pipe system is leak-proof.

 Place , Date

 Signature