TEST PROTOCOL
N.T.M PLUMBING AND HEATING SYSTEMS
M11.1105 – Scheda Prova Impianto

PROJECT:

SECTION BUILDING:

CLIENT OR HIS REPRESENTATIVE:

CONTRACTOR OR HIS REPRESENTATIVE:

TYPE OF CONNECTION (Press, screw, solder) / PIPES:

☐ TEST CONDUCTED ON THE WHOLE SYSTEM
☐ TEST CONDUCTED JUST ON A PART OF THE SYSTEM

IMPORTANT: during the pressuring test, all the pressure vessels and the water heater, all the equipment and the tips not suitable to support the test pressure, have be disconnected from the plant. The entire pipeline terminals, shall be closed, with caps, inserts or blind flange. The installation shall be checked in every pipes-fitting connection.

Fill the system with filtered drinking water (without particles ≥ 150 µm), ensuring that all the air is removed from the plant, pressure gauge and the recording apparatus shall have an accuracy of 0.1 bar.

RECORDING MBIENT AND TEST PARAMETERS
☐ Room temperature: _______ °C; Water test temperature: _______ °C; Difference of temperature: _______ °C;
☐ Pressure gauge checked (Calibration and accuracy) nr. __________;
☐ Checked all the connections on the system (Correct: Pressing, closing, welding);

HYDROSTATIC TESTING PROCEDURE ACCORDING TO EN 806-4 (Mark the test option A or B, with a X)
☐ A) The system is filled with a supply pressure > 1 bar or max. 6.5 bar;
☐ B) The system is filled with a pressure of 11bar (1.1 times the maximum design pressure);

☐ A) The difference between the ambient temperature and the test water temperature is < 10 K
  - Apply slowly the test pressure;
  - Check the system for a minimum of 10 min;
☐ B) The difference between the ambient temperature and the test water temperature is > 10 K
  - Apply slowly the test pressure;
  - Check the system for a minimum of 30 min (to permit temperature equilibrium);

HYDROSTATIC TESTING PROCEDURE ACCORDING TO DIN 18380
☐ Check the heating system on the cold water filling with a pressure of min. 4 bar, max. 6 bar;
☐ Check the system for a minimum of 60 min;

YES ☐ NO ☐ There is no visual evidence of leakage of water;

YES ☐ NO ☐ There are no pressure drop;

TEST RESULT
☐ The system has been assembled to perfection and is watertight

Place ____________________________ Date ____________________________

(Clien or his representative) (Contractor or his representative)