

**American Society of Sanitary Engineering
Seal (Certification) Program**

**Factory Audit Inspection Test for:
Removable and Non-Removable Push-Fit Fittings**

Tested in accordance with ASSE Standard #1061 • ASSE: 2006

Manufacturer: _____

Address: _____

Size: _____

Model No. Selected for Full Test: _____

Configurations & Model No: _____

**NOTE: ALL REQUESTS FOR MEASUREMENT OF PRESSURE, TEMPERATURE, DISTANCE, TIME,
ETC. ARE TO BE SHOWN TO AT LEAST ONE (1) DECIMAL POINT.**

3.1 Hydrostatic and Air Pressure Test

3.1.2 What was the test temperature used for fitting # 1?:

PEX: _____ °F (_____ °C)
Copper: _____ °F (_____ °C)
CPVC: _____ °F (_____ °C)

What was the test temperature used for fitting #2?

PEX: _____ °F (_____ °C)
Copper: _____ °F (_____ °C)
CPVC: _____ °F (_____ °C)

Were each fitting/tubing assembly conditioned to the appropriate temperature for at least one (1) hour prior to testing?

Yes
 No

What was the test pressure used for fitting #1?

PEX: _____ psi (_____ KPa)
Copper: _____ psi (_____ KPa)
CPVC: _____ psi (_____ KPa)

What was the test pressure used for fitting #2?

PEX: _____ psi (_____ KPa)
Copper: _____ psi (_____ KPa)
CPVC: _____ psi (_____ KPa)

What was the test duration for the fittings?

Fitting #1:	_____ hours	Fitting #2:	_____ hours
	_____ hours		_____ hours
	_____ hours		_____ hours

What was the air pressure applied to fitting #1 following the 720 hour water test?

_____ psi (_____ kPa)
_____ psi (_____ kPa)
_____ psi (_____ kPa)

What was the air pressure applied to fitting #2 following the 720 hour water test?

_____ psi (_____ kPa)
_____ psi (_____ kPa)
_____ psi (_____ kPa)

What was the water temperature used in the air pressure test for the fittings?

_____°F (_____°C)

3.1.3 Were there any signs of leakage or damage during the pressure tests with water or air?

Fitting #1: (PEX) Yes No Fitting #2: (PEX) Yes No

Fitting #1: (Copper) Yes No Fitting #2: (Copper) Yes No

Fitting #1: (CPVC) Yes No Fitting #2: (CPVC) Yes No

Were the fittings in compliance with all the requirements of Section 3.1?

Yes
 No

3.3 Mechanical Separation Test

3.3.2 Identify each type of tubing used for the separation test :

PEX Type
 Copper
 CPVC

Were each fitting and tubing material conditioned in ambient [75.0°F (23.9°C) Maximum] water for at least one (1) hour prior to the separation test?

Yes
 No

What was the test load applied to each assembly? _____ lbf (_____ N) PEX
_____ lbf (_____ N) Copper
_____ lbf (_____ N) CPVC

For what period of time was the test load maintained on each assembly?

PEX: _____ hours
Copper: _____ hours
CPVC: _____ hours

Following the separation test was each assembly pressurized with air to 100.0 psi ± 10.0 psi (689.5 kPa ± 69.0 kPa) and immersed in water at 75.0°F ± 5.0°F (23.9°C ± 2.8°C)?

Yes
 No

Were there any signs of leakage, damage or separation as a result of the mechanical separation test on any of the assemblies?

PEX: Yes
 No

Copper: Yes
 No

CPVC: Yes
 No

Were the fittings in compliance with all the requirements of Section 3.3? Yes
 No

3.7 Hydraulic Shock (Water Hammer) Test

3.7.2 What was the water pressure used for each type of tubing?

PEX: _____ psi (_____ kPa)

Copper: _____ psi (_____ kPa)

CPVC: _____ psi (_____ kPa)

How many cycles was the fitting subjected to? _____ cycles

What was the temperature of the water used to subject the fitting to pressure?

PEX: _____ °F (_____ °C)

Copper: _____ °F (_____ °C)

CPVC: _____ °F (_____ °C)

The hydraulic shock consisted of what pressure being applied to the fitting?

PEX: _____ psi (_____ kPa)

Copper: _____ psi (_____ kPa)

CPVC: _____ psi (_____ kPa)

3.7.3 Was there any indication of leakage, damage or separation from the tubing during the shock test?

PEX: Yes
 No

Copper: Yes
 No

CPVC: Yes
 No

Were the fittings in compliance with all the requirements of Section 3.7? Yes
 No

TESTING AGENCY _____
ADDRESS _____

PHONE: _____ FAX: _____

TEST ENGINEER(S) _____

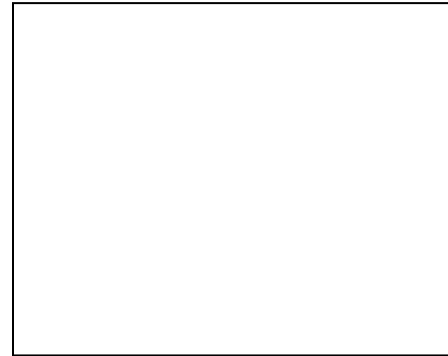
We certify that the evaluations are based on our best judgments and that the test data recorded is an accurate record of the performance of the device on test.

Signature of the official of the agency: _____

Title of the official: _____ Date: _____

Signature and seal of the Registered Professional Engineer
supervising the laboratory evaluation:

Signature



Seal