American Society of Sanitary Engineering
Seal (Certification) Program

Factory Audit Inspection Test for:
Automatic Temperature Control Mixing Valves

Tested in accordance with ASSE Standard #1069 • ASSE: 2005

Manufacturer _____

Model No. _____

Address _____

Serial No. _____

Other Identification Markings _____

Size _____

3.0 Performance Requirements and Compliance Testing

3.1 High Temperature Conditioning Test

What inlet pressures were used for this test?
Hot side: _____ psi (_____ kPa)
Cold side: _____ psi (_____ kPa)

What inlet temperatures were used for this test?
Hot side: _____°F (_____°C)
Cold side: _____°F (_____°C)
What was the maximum outlet temperature? _____°F (_____°C)

3.4 Flow Rate and Pressure Drop Test

With a minimum temperature differential of 80.0°F (44.0°C) between the incoming hot and cold water supplies and with the device set to supply water at the mid-point of the incoming supply temperatures was the flow rate at least 90% of the manufacturer's published flow rate at the corresponding pressure drop?
☐ Yes ☐ No ☐ Questionable

If questionable, explain: _____
In compliance? ☐ Yes ☐ No

3.6 Cold Water Supply Failure Test

What was the hot water supply pressure? _____ psi (_____ kPa)
What was the cold water supply pressure? _____ psi (_____ kPa)
What was the outlet temperature at T3? _____ psi (_____ kPa)
What was the flow rate? _____ GPM (_____ L/min)

Did the device reduce the flow to 0.5 GPM (1.91 L/Min) or less for devices 3/4 inch (19.0 mm) and smaller or 1.0 gpm (3.8 L/Min) or less for the devices larger than 3/4 inch (19.0 MM) prior to the outlet temperature at T3 exceeding 120.0 F (48.9 C)? ☐ Yes ☐ No

In compliance? ☐ Yes ☐ No ☐ Questionable

If questionable, explain: _____

3.8 Hydrostatic Pressure Test

What pressure was used for this test? _____ psi (_____ kPa)
How long was the test conducted? _____ minutes
Was there any leakage from the device? ☐ 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