Standards Compliance

The Swagelok® Alternative Fuel Service (AFS) ball valve complies with:

- ANSI / AGA NGV 3.1 / CGA 12.3-M95
  Classification: Manual valve
  Pressure: 3600 psig (248 bar)
  Temperature: -40 to 250°F (-40 to 121°C)

  Classification: Class A
  Pressure: 4500 psig (310 bar)
  Temperature: -40 to 185°F (-40 to 85°C)

- ECE R110 Manual Service Valve Type Approval
  Classification: Class 0
  Pressure: 3770 psig (260 bar)
  Temperature: -40 to 248°F (-40 to 120°C)

Certifications do not include attachments to the valve, such as actuators or a different handle mechanism.
Swagelok AFS Ball Valve Panel Mount Instructions

1. Prepare a 1.50 in. (38.1 mm) diameter hole in panel.
2. Loosen set screw in the handle using a 5/32 in. hex wrench.
3. Lift up on handle to remove it from valve.
4. Remove panel nut from valve.
5. Insert valve through panel hole so valve is flush against the back of panel.
6. Thread panel nut onto valve. Tighten panel nut using a 1 3/4 in. hex wrench.
7. Place handle on valve stem aligning stem flat and set screw hole.
8. Thread set screw into handle and tighten to 80 to 110 in∙lb. (9.0 to 12.4 N∙m) (92 to 126 cm∙kg)
9. Test the valve for proper operation.