

## Compliance With National Standards

Cam-Tite Ball Valves are designed to the following ANSI specifications:

ANSI B2.1	Pipe Threads
ANSI B16.5	Flanges and Flanged Fittings
ANSI B16.11	Socketweld and Threaded Fittings
ANSI B16.25	Buttweld Ends
ANSI B16.34*	Flanged, Threaded and Weld End Valves
ANSI B31.1	Power Piping
ANSI B31.3	Chemical Plant and Petroleum Refinery Piping

\*Compliance to ANSI B16.34 is dependent on the materials of construction selected and the testing specified for each application. Consult the factory for further details.

All standard Cam-Tite Ball Valves are tested and tagged in accordance with the following specifications:

MSS-SP-25	Marking System for Valves
MSS-SP-72	Ball Valves for General Service

In addition, Cam-Tite Ball Valves can be furnished in accordance with the special requirements of the following specifications:

ANSI B31.3	Category M Service
API 598	Valve Inspection and Testing
API 607	Firetesting for Soft Seated Quarter Turn Valves
Chlorine Institute Pamphlet 6	Ball Valves for Dry Chlorine Service
NACE Standard MR01-75	Materials for Oilfield Equipment

## Material Standards

All Cam-Tite body and bonnet castings are in accordance with one of the following standards:

Carbon Steel	ASTM A216 GR WCB
Carbon Steel (Low Temperature)	ASTM A352 GR LCB
Carbon Steel (Low Temperature)	ASTM A352 GR LC-1
316 Stainless Steel	ASTM A351 GR CF8M
316 L Stainless Steel	ASTM A351 GR CF3M
Alloy 20	ASTM A351 GR CN7M
Monel	ASTM A494 GR M-35-1
Hastelloy C	ASTM A494 GRs CW-6M or CW-2M
Inconel	ASTM A494 GR CY-40
Nickel	ASTM A494 GR CZ-100
Titanium	ASTM B367 GR C3

All standard Cam-Tite Ball Valve cover bolting is in accordance with the following standards:

Carbon Steel	ASTM A193 GR B7
Stainless Steel	ASTM A193 GR B8

Certified Material Test Reports (CMTRs) can be supplied on the above materials. Contact Engineered Valves for additional information on materials not listed.