BUTTERFLY VALVE SPECIFICATIONS

1. SCOPE
1.01 This specification covers the design, manufacture, and testing of rubber seated butterfly valves.

2. STANDARDS
2.01 The valves shall be designed, manufactured, and tested in accordance with ASME B16.5 and ASME B16.34.

3. CONNECTIONS
3.01 The valves shall be provided with lug or wafer style connections.

4. DESIGN
4.01 They shall be capable of sealing against full differential pressure in either flow direction.
4.02 Valve seat shall line the entire body of valve.
4.03 Shaft design shall be one piece design.

5. MATERIALS
5.01 Valves shall be Fusion Bonded Epoxy Coated.
5.02 Body shall be constructed of Ductile Iron.
5.03 Disc shall be constructed of Stainless Steel, Ductile Iron, or Bronze.
5.04 Valve Seats shall be EPDM or Buna-N.

6. OPTIONS
6.01 A pre-wired limit switch will be provided (when specified) to indicate open/closed position to a remote location. The mechanical type limit switch shall be activated by the external arm and rated for NEMA 4, 6, or 6P and shall have U.L. rated 5 amps, 125 or 250 VAC contacts.

7. MANUFACTURE
7.01 Valves shall be hydrostatically shell tested per AWWA C504.
7.02 Valves shall be leak tested per AWWA C504.
7.03 Valves are to be manufactured by J&S Valve or approved equal.