

Betts Industries, Inc.

1800 Pennsylvania Ave. West
Warren, PA 16365 U.S.A.

Engineering Bulletin 7-99

Date: October 18, 1999

Subject: Opening Container Foot Valves against tank pressure.

Recent testing has shown that attempting to open any Betts 3" Container Foot Valve against internal tank pressure could cause the shaft to bend. The test concluded that at a tank pressure of 45 to 50 psig, the shaft will bend before the valve opens. Also, in order to bend the shaft an extension was needed to increase leverage of the opening force.

Do not open Betts 3" Container Foot Valves until after a device other than the foot valve relieves tank pressure.