

MAINTENANCE INSTRUCTIONS FOR BVG2004A FLAPPER BINDING

WORK INSTRUCTIONS

If the flapper binds on the center tube of the gate during normal operation, perform the BVG2004A_FLAPPER_ADJUSTMENT_II procedure. If the flapper continues to bind following adjustment, the center tube of the gate will require light sanding to allow complete closure of the flapper. The procedure is as follows:

- 1) Close the valve as far as it will go. Check to see where the flapper is making contact with the center tube. Mark the areas of contact.
- 2) Using an inline sander with a 36 grit sanding belt, lightly sand the areas of contact. Close the valve periodically to check if the interference has been removed.



- 3) The flapper is operating properly once it stops on the weld stop without binding on the center tube.
- 4) If the interference is found to be at the bushings, the flapper and shaft will need to be removed to allow for the proper clearance to sand the center tube.