AMERICAN WHEATLEY

American Wheatley Elastomeric Connectors Installation, Operation & Maintenance

Operation:

1. Insert Bolts (elastomeric connectors only). Bolts should be inserted from the arch side (so that bolt heads are adjacent to arch) to: ensure that bolts do not interfere with the arch during periods of compression.
2. Tighten Bolts (elastomeric connectors only). Tighten all bolts gradually and equally by alternating around the flange. The bolts are not considered tight and "locked on" until the edges of the flexible connector flanges bulge slightly. Check bolt tightness at least one week after going on line and periodically thereafter. As with any rubberlike material, after a period of compression, the bolts may loosen and result in a broken seal. It is particularly important to check bolts in a hot-and-cold water system before changing over from one medium to another.

Anchored Systems:

Control rod assemblies are not required in piping systems that are anchored on both sides of the connector.

Unanchored Systems:

Control rod assemblies are always recommended in unanchored systems and when the maximum pressure and movement exceeds the rated limit.

Spring-Mounted Equipment:

Control rod assemblies are always recommended for spring-mounted equipment when the maximum pressure and movement exceed the rated limit. Control Rods. Install control units with a joint or spool-type rubber flexible connector if piping is not adequately anchored or if there is any question that movements may exceed the rated value of the joint. The rods are to be placed on the flanges and tightened to a snug fit, tighten bolt another 118th turn. American Wheatley connectors absorb the continuing movement experienced in piping systems because of varying ambient temperatures, differences in temperature of materials being handled, and differences in composition. The danger of buckling or pulling apart and resulting maintenance costs are eliminated. Control rods shall be used with unanchored systems or with spring-mounted equipment where the pressures and movements exceed those the connectors are designed to withstand.

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