INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS TYPE BV51AQ

PRECAUTIONS

1. Check the flanges to make sure you are using the correct size of dismantling joint and also check the length of the BV51AQ to make sure it will fit in the space allocated.
2. Make sure no foreign materials lodge between gasket and spool.
3. Avoid loose fitting wrenches, or wrenches too short to achieve proper torque.
4. Keep threads free of foreign material to allow proper tightening.
5. Take extra care to follow proper bolt tightening procedures and torque recommendations. Bolts are often not tightened enough when a torque wrench is not used.
6. Pressure test for leaks before start-up.

INSTALLATION

Examine the dismantling joint to ensure no damage occurred during transit and that no parts are missing.

Check the mating flanges to insure that it matches the drilling of the BV51AQ. They must be parallel and aligned axially.

Check that the actual working pressure of the pipeline does not exceed the maximum allowable working pressure of the dismantling joint.

The dismantling joints are normally supplied with tie rods as an assembled unit ready for use, dismantling of all parts is unnecessary.

Make sure that the gap between the connecting flanges is compatible with that of the dismantling joint

Remove all tie rods to allow adjustment of flange to flange length.

Measure the distance between the connecting flange, and adjust the dismantling joint to suit for installation.

Ensure that correct gaskets are available to suit flange connections.

Assemble dismantling joint, together with gaskets / tie rods between flanges.

Tighten up flange joints to recommended torque.

Once both inner and outer bodies of the dismantling joint are correctly assembled, tighten tie bolts to recommended torque.

It is essential that the studs are torque up evenly, in order that the compression of the sealing element is consistently around its circumference.

Pressure Test

Recheck all tie rod and stud torques on dismantling joint.