

## COLUMN ROUTINE MAINTENANCE

### COLUMN TYPE: RAISE & LOWER HYDRAULIC Ø219 BASE

**WE STRONGLY RECOMMEND THAT THESE INSTRUCTIONS ARE READ CAREFULLY BEFORE ATTEMPTING ANY MAINTENANCE ON THIS EQUIPMENT.**

These columns are of galvanised steel construction with tubular type shafts and require minimal maintenance. The following checks should however, be made at the intervals stated.

#### EVERY TIME THE MAST IS LOWERED

1. Check that all hinge components are present and undamaged before attempting to lower the mast.
2. Check that the flexible conduit is not damaged.

#### EVERY 12 MONTHS

1. Check that all hinge components are present and undamaged.
2. Check that the locking wedge is present and operates correctly. Ensure it is free to slide up and down. In the case of pre 1980 columns this locking wedge was not included. If this is the case check that the locking lever which fits into the cam unit is present and operable, lubricate if necessary.
3. If the column is flange mounted check that the nuts on the holding down bolts have not worked loose. The bolt torque setting is **M24 = 160Nm**.
4. Check the warning label is attached to the base.
5. Check that the distance from the pivot centre to ground level at **755mm**, has not become obstructed making counterbalance operation difficult.

#### MAJOR MAINTENANCE AT 15 YEARS

1. Conduct detailed examination of all critical areas on the mast.
2. Repair and replace components as necessary.
3. Carry out non destructive test on foundation bolts.
4. Additional detailed checks should be carried out at intervals of 5 years.

#### AS REQUIRED

1. Paint the shafts and base. Aesthetically the galvanised finish will typically last 5 - 7 years before painting is required. In polluted or saline environments this may be shorter, and in milder climates considerably longer.

**Lubrication of the cam unit is not recommended.**

