

## COLUMN ROUTINE MAINTENANCE

### COLUMN TYPE: RAISE & LOWER HYDRAULIC Ø168 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 base and shafts and require minimal maintenance. The following checks should however be made at the intervals stated.

#### EVERY TIME THE COLUMN IS LOWERED

1. Check that all the hinge components are present and undamaged before lowering the column.
2. Check that the flexible conduit is not damaged.
3. Examine the operating lever for damage.

#### EVERY 12 MONTHS

1. Check that all hinge components are present and undamaged.
2. Check that the column locking screw is present and fitted correctly. Lightly grease the threads.
3. If the column is flange mounted check that the foundation bolts have not worked loose. The torque settings are as follows:- **M20 = 50Nm**
4. Check the warning label is attached to the base.
5. Check that the minimum distance from pivot centre to ground level of **280mm** has not become obstructed, making counterbalance operation difficult.

#### MAJOR MAINTENANCE AT 15 YEARS

1. Conduct a 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 if applicable.

#### 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 a mild climate considerable longer.

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

