

SECTION 6: PERIODIC INSPECTION & TESTING OF VOYAGER CEILING MOUNTED LIFTS.

SPREADER BAR:

1. Check the spreader bar for freedom of rotation.
2. Check for wear on the central pivot.
3. Check for firm attachment to the lifting tape.
4. Check for presence and correct fitting of the split rings.
5. Inspect for excessive wear on the sling hooks and any side suspenders used in conjunction with the spreader bar.
6. Examine sling strap retainers. Check for effective function.
7. Check for adequate padding.
8. Maintenance – lubricate central pivot with any light, mineral based grease.

CARRIAGE WHEELS:

1. Check for damage, cracking or rust.
2. Check for wear on the axles.
3. Check for firm attachment.

LIFTING TAPE:

1. Completely unwind the tape.
2. Check tape for wear and fraying
3. Check stitching
4. Check for degradation due to chemical attack.
5. Replace the tape at least every 2 years

LIFT UNIT:

1. Confirm correct operation of the emergency brake.
2. Check for wear on the drive chain and sprockets.
3. Inspect internal plugs and sockets for damage and good electrical contact.
4. Confirm correct function of the mechanical emergency lower
5. Inspect all welds for cracking
6. Maintenance - Lubricate chain and sprocket

CHARGING:

1. Check for firm fixing of the charger to the track.
2. Confirm correct mating of the lift to the charger
3. Confirm correct functioning of the charger
4. Check correct fuse rating
5. Check mains lead plug and socket for proper mating, look for damage, evidence of burning or arcing
6. Check mains plug is fitted with the correct rated fuse.
7. Check charger contact for corrosion
8. Confirm charge status lights are functional

ELECTRIC CONTROLS, PLUGS & SOCKETS

1. Check the Emergency Stop button cuts all power to the hoist. Confirm power is restored when the switch is reset
2. Check the hand control for correct functioning in both directions.
3. Check the operation of return to charge button
4. Check the fit of the hand control plug and socket.
5. Confirm correct function of the electrical emergency lower

SLINGS and ACCESSORIES

1. Confirm the sling is an Oxford sling.
2. Check the load bearing straps for wear or fraying.
3. Check the straps are securely stitched.
4. Check the body of the sling for wear or cuts in the fabric.
5. Check any side suspenders for wear on the hooks or central suspension point.

TRACK INSTALLATION

1. Inspect the track for damage, wear or corrosion.
2. Ensure the inside of the track is clean.
3. Check the tightness of the track to the track brackets.
4. Check the fittings of the track brackets to the ceiling mountings.
5. Suspend the rated SWL on the hoist unit and traverse the full length of the track.
6. Stop load at each mounting point and check for firm attachment of the track to the ceiling.
7. Confirm correct fitting of end stops and charger.

THOROUGH EXAMINATION REPORT

Lifting Operations and Lifting Equipment Regulations 1998 (LOLER)

LOLER requires certain information to be included on the report given to a customer after a thorough examination. The information can be found in Schedule 1 (page 56) in the LOLER L113 publication.

Sunrise Medical Ltd has prepared a Thorough Examination Report that includes all the required information and a copy can be found in Section 9.

Lifting Operations and Lifting Equipment Regulations 1998 (LOLER)

An authorised service dealer will issue a thorough examination report upon satisfactory completion.

Note: where necessary a load test should be performed subject to the examination results

LOAD TEST:

The load test should be carried out in accordance with the manufacturers test procedures. It is strongly recommended an authorised service dealer carry out the testing.

CERTIFICATION:

An authorised service dealer will issue a test certificate after satisfactory completion of the load test

NOTE: The certificate may be incorporated into the Thorough Examination Report