

Drilling Rig Inspection, Repair and Maintenances Services 6 Monthly

| Item | Equip/ System | Monthly | As Per | Description |
|------|--|-------------|---|---|
| 1 | Padeyes | 6 | LOLER/ Client specific | Conduct visual inspection on welds, check eye of padeye is machined and the profile is smooth (free from stress raisers). Ensure padeyes are marked up with SWL and ID. Ensure all items can be traced to original certification (Manufacturers/ test/ declaration of conformity certificate). |
| 2 | Crown Padeyes (NDT) | 6 | LOLER/ Client specific | Conduct NDT with ECI or MPI on critical welds |
| 3 | Runway Beams | 6 | LOLER/ Client specific | Conduct visual inspection of all welds, check for signs of deformation and defect. Ensure markings for SWL and ID are clear. Check stopper plates are securely installed. Ensure runway beams are marked up with SWL and ID. Ensure all items can be traced to original certification (Manufacturers/ test/ declaration of conformity certificate). |
| 4 | Fixed equipment locator drawings | 6 | LOLER/ Client specific | All items of fixed lifting equipment shall be clearly mapped out on location drawings showing the status of the equipment. I.E. quarantine, reject or certified. To include runway beams, padeyes, winches & air hoists. |
| 5 | Swing Jibs | 6 | LOLER/ Client specific | Conduct visual inspection of all welds, check for signs of deformation and defect. Ensure markings for SWL and ID are clear. Check stopper plates are securely installed. Ensure swing jibs are marked up with SWL and ID. Ensure all items can be traced to original certification (Manufacturers/ test/ declaration of conformity certificate). |
| 6 | Swing jibs (NDT) | As Required | LOLER/ Client specific | Conduct NDT with ECI or MPI on critical welds |
| 7 | Air Winches, Tugger, Similar Units | 6 | LOLER/ Client specific/ DIN FEM | Conduct visual inspection and function tests on all winches as per manufacturer & SMS procedures. |
| 8 | Air Winches (for man-riding) | 6 | LOLER/ Client specific/ DIN FEM | Conduct visual inspection and function tests (pull winch to SWL & apply brake, hold for 5 minutes) on all winches as per manufacturer & SMS procedures. Perform NDT on the foundation welds |
| 9 | Baskets, containers, skips, gas racks and lifting frames | 6 | LOLER/ Client specific/ BS 12079 | Thorough Examination - check for signs of deformation and defect. Check markings and data plate is in spec. Check doors gate are freely moving and seals are intact. Ensure all items can be traced to original certification (Manufacturers/ test/ declaration of conformity certificate). |
| 10 | Colour Coding | 6 | LOLER/ Client specific | All items included in the survey shall be subjected to examination for unique identifying numbers and a suitable colour code shall be applied that is changed every six months. Any items that have not been colour coded need to be mentioned in the comments box & executive summary |
| 11 | All loose lifting equipment | 6 | LOLER/ Client specific | Thorough Examination to be conducted in accordance with LOLER (associated BS/ EN/ ISO standards) and Client specific requirements. Ensure all items have SWL and ID markings and they can be traced to original certification (Manufacturers/ test/ declaration of conformity certificate). |

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| 12 | All lifting machines | 6 | LOLER/ Client specific | Thorough Examination to be conducted in accordance with LOLER (associated BS/ EN/ ISO standards) and Client specific requirements. Ensure all items have SWL and ID markings and they can be traced to original certification (Manufacturers/ test/ declaration of conformity certificate). |
| 13 | Load path/ hoisting equipment | | API RP 8B | Conduct NDT with ECI or MPI on critical welds, UTG on S Pipe etc as per OEM and Client Requirements. |
| 14 | Drawworks Disc Brakes | 6 | API RP 7L | Visual inspection of drawworks disc brake structural components at six months intervals. |
| 15 | Drawworks Brake Disc - Visual - Caliper Support Arms | 6 | API RP 7L | Perform visual inspection of the caliper support arms of the disc brake system for damage, deformation, cracks, and corrosion. Notify OIM or Barge Engineer of any deficiencies or discrepancies found while performing this routine |

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| 16 | Drawworks Brake Disc - Visual - Main Caliper Support & any other Pins | 6 | API RP 7L | Perform visual inspection of the main caliper support & any other pins of the disc brake system for damage, deformation, cracks, and corrosion. Notify OIM or Barge Engineer of any deficiencies or discrepancies found while performing this routine |
| 17 | Drawworks Brake Disc - Visual - Caliper Levers | 6 | API RP 7L | Perform visual inspection of the caliper levers of the disc brake system for damage, deformation, cracks, and corrosion. Notify OIM or Barge Engineer of any deficiencies or discrepancies found while performing this routine |
| 18 | Drawworks Brake Disc - Visual - Hydraulic Cylinders | 6 | API RP 7L | Perform visual inspection of the hydraulic cylinders of the disc brake system for damage, deformation, cracks, and corrosion. Notify OIM or Barge Engineer of any deficiencies or discrepancies found while performing this routine |
| 19 | Drawworks Brake Disc - Visual - Brake Pad Backing Plates | 6 | API RP 7L | Perform visual inspection of the brake pad backing plates of the disc brake system for damage, deformation, cracks, and corrosion. Notify OIM or Barge Engineer of any deficiencies or discrepancies found while performing this routine |
| 20 | Drawworks Brake Disc - Visual - Brake Discs | 6 | API RP 7L | Perform visual inspection of the brake discs of the disc brake system for damage, deformation, cracks, and corrosion. Notify OIM or Barge Engineer of any deficiencies or discrepancies found while performing this routine |
| 21 | Drawworks Brake Disc - Visual - Disc Adaptors | 6 | API RP 7L | Perform visual inspection of the disc adaptors of the disc brake system for damage, deformation, cracks, and corrosion. Notify OIM or Barge Engineer of any deficiencies or discrepancies found while performing this routine |
| 22 | Drawworks Brake Disc - Visual - All Fasteners (bolts, screws, nuts, washers, cotter) | 6 | API RP 7L | Perform visual inspection of the all fasteners (bolts, screws, nuts, washers, cotter) of the disc brake system for damage, deformation, cracks, and corrosion. Notify OIM or Barge Engineer of any deficiencies or discrepancies found while performing this routine |



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| 23 | Drawworks Brake Disc - Visual - All Structural & Support Welds | 6 | API RP 7L | Perform visual inspection of the structural & support welds of the disc brake system for damage, deformation, cracks, and corrosion. Notify OIM or Barge Engineer of any deficiencies or discrepancies found while performing this routine |
| 24 | Cranes (Man- riding) | 6 | API 2C/ API RP 2D/ Class | Conduct MPI on hooks |