

### **3.3 PRE-OPERATIONAL SAFETY CHECK SCHEDULES**

Before use at the beginning of the work shift, the aerial platform shall be given a visual inspection and functional tests including, but not limited to the following. It is recommended that these be performed at regular intervals as indicated on each checklist.

#### **3.3.1 DAILY SAFETY CHECKS**

- 1) Check that all labels (decals) are in place and legible.
- 2) Visually inspect the machine for damaged or loose components.
- 3) Check that batteries are charged i.e. Charger has a solid green light and a pulsing red light.
- 4) Check the fuel level (if applicable).
- 5) Check that canopies/covers and guards are in place and secure.
- 6) Check that the boom rest switch is operable (if applicable).
- 7) Check that control levers are secure and operate freely.
- 8) Check that operating buttons and emergency stop buttons function properly.
- 9) Check the operation of the emergency hand pump.
- 10) Visually inspect all hydraulic hoses and fittings for damage or leaks.
- 11) Check operation of the stabiliser alarm.
- 12) Check that outrigger footpads are secure.
- 13) Check that the platform pivot pins and their tag bolts are secure.
- 14) Check security and operation of the boom clamp.
- 15) Check the operation of the cage weigh system (if fitted). See section 4.5.3 for testing and verification procedure.

#### **3.3.2 WEEKLY SAFETY CHECKS**

- 1) Inspect tyres and wheels for damage and wear.
- 2) Check tyres for correct pressure. 65psi (4.5 bar)
- 3) Check mudguards for security and damage.
- 4) Check battery fluid levels and specific gravity (after charging) and general condition.
- 5) Check hydraulic oil level, ISO Grade 22 (Europe), Grade 32 (Rest of World).
- 6) Inspect the engine air filter and clean or replace if necessary.
- 7) Check that the tow hitch ball lock, breakaway cable/chain and jockey wheel are secure.
- 8) Check operation and security of stabiliser micro switches in conjunction with the alarm system.

### **3.3.3 MONTHLY SAFETY CHECKS**

- 1) Check the engine oil level (if applicable).
- 2) Check the wheel nuts (torque 80ft lbs/110Nm or 110ft lbs/150Nm Traction Drive Option).
- 3) Check outriggers for condition, security and operation.
- 4) Check that the slew worm is secure and fitted correctly in mesh. Clean and re-grease.
- 5) Inspect brakes for operation and wear.
- 6) Grease the knuckle and centre post.
- 7) Inspect the engine fuel tank for damage or leaks.
- 8) Grease the tow hitch assembly.
- 9) Lightly oil the jack pad ball joints and outrigger housings.
- 10) Lightly oil the locating pins on outriggers and axles and the axle clamp bolts.
- 11) Oil and check the operation of manual jacks.
- 12) Every **three** months check and verify the calibration of the cage weigh system. See section 4.5.4 for the calibration procedure.
- 13) Every **Six** months perform a **thorough examination** in accordance with the 'Lifting Operation and Lifting Equipment Regulations' (LOLER) 1998, Regulation (9)(3)(a).

### **3.3.4 ANNUAL SAFETY CHECKS**

- 1) Check that all pivot pins and their tag bolts are secure.
- 2) Inspect for any cracks or badly rusted areas on booms and chassis.
- 3) Change the hydraulic oil filters.
- 4) Inspect the suspension on each axle unit.
- 5) Check that slew ringbolts are secure (torque 155ft lbs. 210Nm).
- 6) Inspect the wear of jack threads (manual jacks).