

This Inspection & Maintenance Manual has been produced by Lakeside Industries Ltd and is intended to be used in conjunction with ALTO Room Scaffold access product. Planned preventative maintenance is essential for the longevity of the product and the safety of the user. By using the guidance contained in this manual, your ALTO Room Scaffold System will be maintained to a high standard which will be cost effective and safe for use. The ALTO range of products has been designed to need very little maintenance. Warranty will be negated by repairs carried out other than those undertaken by the manufacturer - Lakeside Industries Ltd - or a repair agent authorised by Lakeside Industries Ltd.

We recommend that all components are thoroughly inspected before and after use. This document is designed to assist the user in carrying out that inspection properly and thoroughly.

Where the equipment forms part of a hire fleet, the equipment should be inspected as detailed below by the hire company on return from each hire contract.

As with all construction industry equipment – and in particular items relating to working at height, it is vital that only fault free, undamaged items are deployed in accordance with the assembly guide to preserve the integrity of the structure, the safety of the users and those around them.

The ALTO Room Scaffold components have been subjected to rigorous testing to determine and prove their reliability, safety & capacity. The construction and facilities management industries where this equipment is typically deployed can be demanding environments and there are occasions in which damage occurs – either through accident or misuse. Serious misuse through significant overloading or use for inappropriate tasks can impair the integrity of components. It is vital that equipment is inspected post use properly so that remedial action can be taken. Equipment that has been misused may be unsafe and should not be used. No liability will be accepted in relation to equipment that shows signs of misuse.

ALTO Room Scaffold equipment should not be modified in any way and should only be repaired by the manufacturer - Lakeside Industries Ltd - or by authorised agents, If it is suspected that equipment has been modified or repaired by any other provider, the equipment should be quarantined and referred to Lakeside Industries Ltd for inspection. No liability will be accepted in relation to equipment that has been subjected to unauthorised modification or repair.

Folding Frame Assembly



End Frames

- Remove any concrete/substances adhering to the frame
- Check for squareness and for the straightness of frame - left-to-right and top-to-bottom
- Check for damage to the uprights and horizontals
- Check all welds for any cracks or damage



Folding Gate

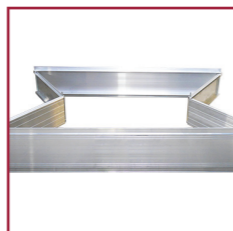
- Remove any concrete/substances adhering to the gate
- Check the locking knuckles are working correctly in the open and closed positions
- Check for damage to the uprights and horizontals
- Check all welds for any cracks or damage



Wheels

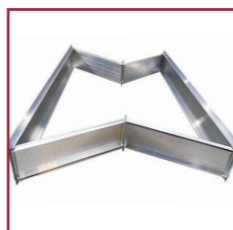
- Check castor wheel is secure in jack stem assembly
- Check that the brake mechanism is not damaged and works in both the on & off mode
- Check that the axle bolt is secure and not loose
- Check that the wheel is not damaged and turns freely

Toeboards



Sides

- Remove any concrete or other substances adhering to the toeboard
- Ensure there is no damage to the sides and they are both straight



Hinged Ends

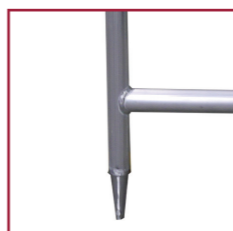
- Check that all pins and fastenings are intact & secured and that the toeboard opens and closes correctly
- Remove all concrete or other substances adhering to the ends.

Frames



General

- Remove any concrete or other substances adhering to the frame
- Check for squareness and for the straightness of frame - left-to-right and top-to-bottom



Uprights & Conical head fittings

- Check for any damage to uprights
- Check the head fittings are undamaged & the condition of the pegs on the head fittings
- Check the weld where the upright meets the casting



Rungs

- Check for any damage to horizontal rungs
- Check all welds for any cracks or damage

Braces



Hooks

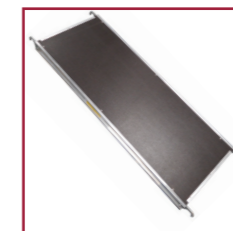
- Check hooks to ensure there is no distortion/cracking
- Ensure that the latch bolt & nut are in good condition and operate freely
- Remove all concrete or other substances adhering to the hook.
- Lightly apply a penetrating lubricant to the pins/springs



Tubes

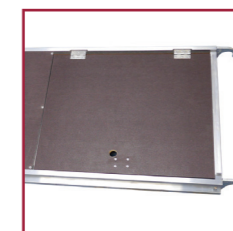
- Check that the brace tube is not bent, damaged or distorted and that there are no dents greater than 5mm
- Remove all concrete or other substances adhering to the tube

Platforms



General

- Check for distortion in all directions
- Check for any damage to plywood, aluminium and hooks
- Check wind latches are fitted and operate correctly.
- Check 4 welds on the underside are intact. If the welds are cracked, do not use.
- Check all fastenings/rivets are tight and secure



Trapdoor Lid

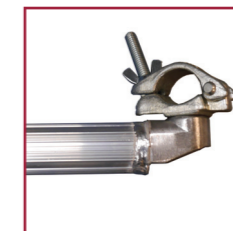
- Check that trapdoor is in good working order and plywood is not damaged
- Check hinges are working and rivets are fixed securely
- Check door latch engages correctly and locks/unlocks

Stabilisers



Tubes

- Remove all concrete and other substances adhering to the stabiliser
- Ensure that the tube is not bent, damaged or distorted and there are no dents greater than 5mm



Clamps

- Check that the bolts, wing nuts and swivel couplers are secure, operate freely and are not corroded
- Check that the castings are not damaged



Foot

- Check that the castings are not damaged.
- Check that there is no local damage to the tee foot
- Check rubber pad is in good condition and still fixed to the tee section aluminium.