Aluminium Mobile Access Tower
Inspection Guide

PLATFORMS

Plywood:
- In place
- Secure
- No cracks, cuts, holes or rot
- Laminations intact
- Non-slip coating facing upwards, undamaged and no excessive paint plaster, oil or other contaminants
- Check for rotting plywood

Platform Fixings:
- Rivets/screw heads in place
- Secure

Trapdoor hinges and latch:
- In place
- Secure
- No excessive wear or corrosion
- Hinges, latch opening freely

Platform framework:
- No damage, cracks, holes or excessive corrosion especially around the hooks
- Check all rivets and fixings are secure
- Diagonal dimensions are equal within 5mm
- Check platform is flat within 15mm
- Wind locks operate correctly and easily
- Label showing maximum permissible platform load is in place, secure and legible

Please note: Periodically lubricate hinges
Interlock Clip/ Locking device (where fitted):
- In position and operating correctly
- No damage, distortion, excessive wear or corrosion
- Retaining pin in place, undamaged and engages

Folding Frames/Braces:
- Frames/braces open and close
- Retaining mechanism, locking pate or other locking devices in place, undamaged, operating correctly and with no excessive wear
- All fixings, castings secure

Labels:
- Labels securely attached and legible
**STABILISERS**

**Tubes:**
- Maximum deflection 5mm in 1000mm length
- No excessive denting or creasing (Max:10mm deep/60cm²)
- No more than one dent in a 300mm length
- No cracks, cuts, holes or excessive corrosion

**Hooks:**
- No damage or excessive corrosion and hook working correctly
- Latch hook onto a piece of frame tube. Using moderate to heavy force, ensure hook cannot become detached unintentionally

**BRACES**

**Tubes:**
- Maximum deflection 5mm in 1000mm length
- No excessive denting or creasing (Max:10mm deep/60cm²)
- No more than one dent in 300mm length
- No cracks, cuts, holes or excessive corrosion, or excessive paint, plaster etc

**Hooks:**
- No damage or excessive corrosion and hook working correctly
- Latch hook onto a piece of frame tube. Using moderate to heavy force, ensure hook cannot become detached unintentionally

**STABILISERS**

**Tubes:**
- Maximum deflection 5mm in 1000mm length
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- No more than one dent in 300mm length
- No cracks, cuts, holes or excessive corrosion, or excessive paint, plaster etc

**Clamps:**
- Clamps in place, undamaged and operating correctly
- No cracks in castings
- No damage or excessive wear to threads
- Pivots rotate freely

**Feet:**
- Pivot rotates freely
- No cracks, excessive wear or other damage
- Check security of the fastenings for the pad/foot

**TOEBOARDS & CLIPS**

**Boards:**
- No splits or cracks
- No excessive warping

**Clips (where fitted):**
- Fit clip to lower tube to check operates correctly
CASTORS

Castors:
- Maximum deflection 5mm in 1000mm length
- No excessive denting or creasing (Max: 10mm deep/60cm²)
- No more than one dent in 300mm
- Swinging arm operates freely and locks securely
- No cracks, cuts, holes or excessive corrosion
- No damage in welds
- Hooks:
  - Check hook operates correctly
  - Latch hook onto a piece of frame tube. Using moderate to heavy force, ensure hook cannot become detached unintentionally

Base plates:
- No excessive buckling or corrosion
- Plate secure on stem
- Fit base plate into adjustable leg and check it is retained in position

ADJUSTABLE LEG

All parts:
- Stem is straight, free from dents with a maximum deflection of 5mm over the entire length
- No cracks, cuts or holes or excessive wear, damage or corrosion
- Check retaining spring in place
- Leg fits into frame tube and is retained by spring/plug
- Castor fits into the adjustable leg
- Locking Nut should move freely up and down leg
- Pins to be secure (tight fit) and centrally located

ADVANCE GUARDRAIL

Advance Guardrail:
- Maximum deflection 5mm in 1000mm length
- No excessive denting or creasing (Max: 10mm deep/60cm²)
- No more than one dent in 300mm
- Swinging arm operates freely and locks securely
- No cracks, cuts, holes or excessive corrosion
- No damage in welds

Hooks:
- No damage or excessive corrosion and hook works correctly
- Latch hook onto a piece of frame tube. Using moderate to heavy force, ensure hook cannot become detached unintentionally