HI-RISE

Engineered Height Safety Solutions

Equipment Inspection Checklist

Twin-Style Rung-Type Ladder (Compliance to AS 1657)

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Twin-Style Rung-Type Ladder (Compliance to AS 1657)

This checklist serves as a general guide only. It intends to help users identify areas to inspect visually. It is not a substitute for equipment inspection carried out by a competent Height Safety Equipment Inspector possessing the necessary training, qualifications, expertise and ability to detect any faults in height safety equipment.

To ensure that your equipment is functioning correctly and to avoid any potential hazards, it's essential to have a qualified inspector conduct a thorough appraisal.

Rungs	Yes	No	Comments
All rungs must have equal spacing. (Including distance from bottom rung to ground).			

Top Rung	Yes	No	Comments
Top Rung must be level with upper landing.			

Ladder Upper & Landing	Yes	No	Comments
Ladder must have a level upper AND lower landing with Minimum 900 mm long x 600 mm wide clear standing space.			

Ladder Stiles	Yes	No	Comments
Stile must fit within a circle of 80 mm diameter but not smaller than circle of 40 mm diameter.			

Stile Clearance	Yes	No	Comments
Clearance between stiles MUST be between 375 mm and 525 mm.			

Walkthrough Clearance	Yes	No	Comments
Clearance between walkthrough MUST be between 525 mm and 675 mm.			

Hand Clearance	Yes	No	Comments
Must have 50 mm unobstructed hand clearance up the side of the stile for the entire length (except where cage or wall mounts are attached.			

Back of Rung Clearance	Yes	No	Comments
Must have 200 mm clearance BEHIND the ladder from the back of the rung.			

Rung Diameter	Yes	No	Comments
Rungs shall be between 20 mm and 50 mm diameter.			

Rung Spacing	Yes	No	Comments
Spacing of rungs must be between 250 mm and 300 mm (unless ladder is shorter than 1.5 m).			

Incline Angle	Yes	No	Comments
Ladder positioned at an angle between 70° to 90°.			

Twin-Style Rung-Type Ladder (Compliance to AS 1657) cont.

Additional Criteria for Caged ladders

Stile to Cage Clearance	Yes	No	Comments
750 mm clearance from stile to cage back (refer to figure 1).			

Internal Width	Yes	No	Comments
700 mm width internal (refer to figure 1).			

Cage Rib Spacing	Yes	No	Comments
Maximum of 150 mm spacing between cage ribs (refer to figure 1).			

Ladder Hoop Distance	Yes	No	Comments
Maximum distance between ladder hoops is 2000 mm. (refer to figure 2).			

Cage to Ground Distance	Yes	No	Comments
Distance from cage (at stile) to ground MUST be between 2000 mm and 2200 mm (refer to figure 2).			

Top Hoop	Yes	No	Comments
Top hoop is to be welded to side of stile (refer to figure 1).			

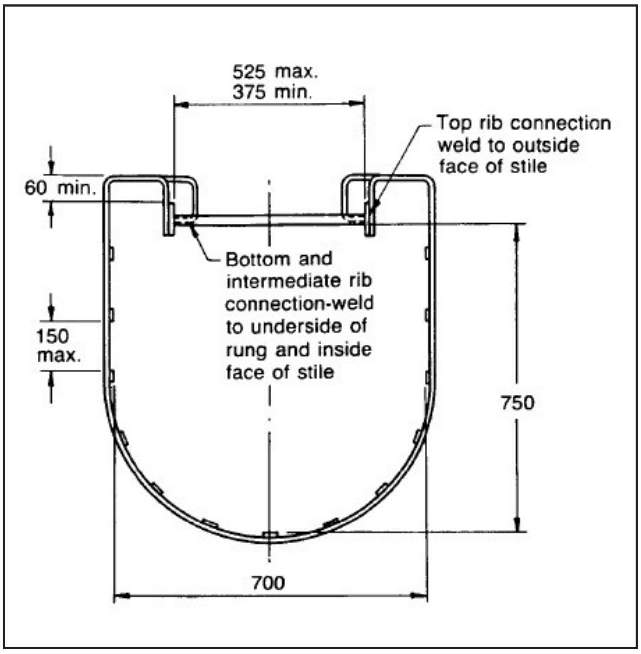


Figure 1

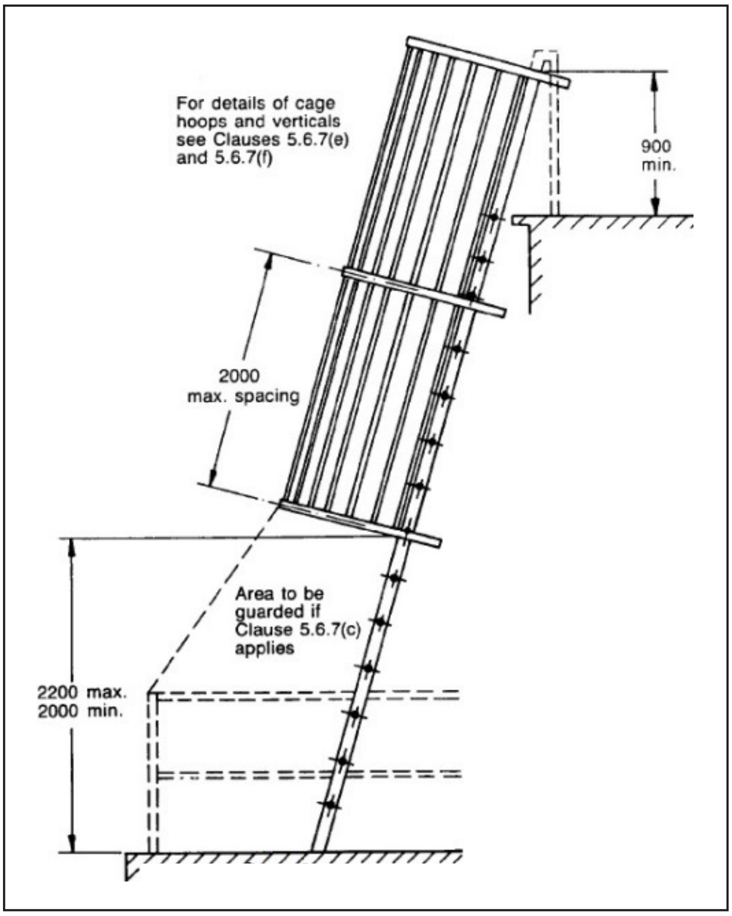
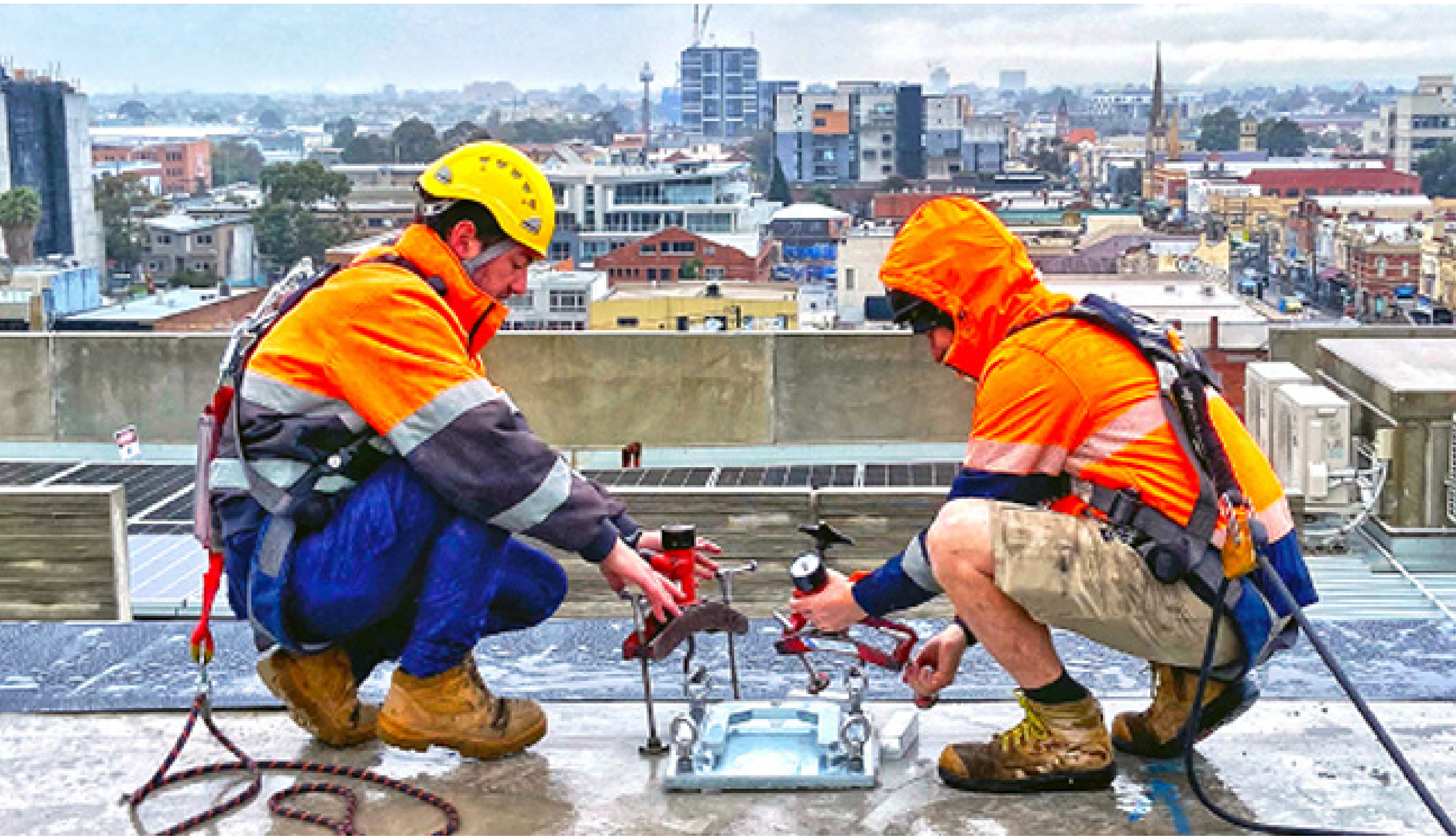


Figure 2

Hi-Rise Inspection, Testing & Maintenance Services

Ensuring ongoing compliance and safety, Hi-Rise provides thorough 12-month inspections, recertification and rectification services for anchor points and height safety systems in accordance with AS/NZS 1891 and AS/NZS 5532 standards. We ensure your access systems remain safe, functional, and fully certified.



Our services include:

- Annual inspections and certification of anchor points and static lines.
- Full system audits for compliance and functionality.
- Fault identification and reporting.
- Anchor point rectification and system repairs.
- Load testing and compliance verification
- Installation of replacement or upgraded components.
- Detailed compliance documentation and asset registers.

Contact us for your inspection and servicing requirements.

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