



MAXSAFE[®]

USER INSTRUCTION MANUAL

STEEL ANCHOR

**THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODELS:
MAP-ALU, MAP-S**

USER MUST READ AND UNDERSTAND INSTRUCTIONS PRIOR TO USE



This product is marked with BSI's Benchmark Product Certification Mark. This indicates that the conformity of our product is based upon technical documentation and an annual review of our manufacturing and quality control process to monitor our ability to consistently produce products in compliance with AS/NZS **5532: 2013**. Client BMP No **672689**.

This Product Certification Mark is accredited by the Joint Accreditation System of Australia and New Zealand (JAS-ANZ) see: www.jas-anz.com.au

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INTRODUCTION

MAXSAFE® are the producers and suppliers of Products, Training and Services for the height safety industry and working at heights. This instruction manual has been designed to assist all users in the prevention of accidents and to make good, informed choices.

The registered offices of Maximum Safety NZ Ltd are located at: 46 Vickerman Street, Port Nelson, Nelson 7010, New Zealand. PO Box 697, Nelson 7040, New Zealand. Telephone: 0800 262 972. Email: sales@maxsafe.co.nz

WARNING

DO NOT SKIP THIS INSTRUCTION MANUAL. READ THE INSTRUCTION MANUAL CAREFULLY BEFORE USING THE EQUIPMENT. FAILURE TO DO SO MAY CAUSE SERIOUS INJURY OR DEATH.

This manual must be read and understood in its entirety and used as part of the User's fall protection training program as required by AS/NZS. These instructions are intended to meet the manufacturer's instructions as required by AS/NZS 5532: 2013. The user must fully understand the proper equipment use and limitations.

This product is part of a personal restraint, work positioning, suspension, or rescue system. The user must read and follow the manufacturer's instructions for each component or part of a complete system. These instructions must be provided to the user of this equipment. The user must read and understand these instructions or have them explained to them before using this equipment. Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death.

GENERAL REQUIREMENTS, WARNINGS AND LIMITATIONS:

- This equipment is designed for use as a part of a personal fall protection system. Components must not be used for any other operation other than that for which it has been designed and approved. Fall Arrest Systems are designed to comply with AS/NZS standards. Fall Restraint Systems must be designed by a Qualified Competent Person, and must be installed and used under the supervision of a Competent Person.
- All authorized persons/users must refer to the regulations governing occupational safety, as well as applicable AS/NZS standards. Please refer to product labeling for information on specific regulations, and AS/NZS standards met by the product.
- Proper precautions should always be taken to remove any obstructions, debris, material, or other recognized hazards from the work area that could cause injuries or interfere with the operation of the system. All equipment must be inspected before each use according to the manufacturer's instructions. All equipment should be inspected by a Qualified Competent Person on a regular basis as required by legislative controls.
- To minimize the potential for accidental disengagement, a competent person must ensure system compatibility.
- Equipment must not be altered in any way. Repairs must be performed only by the Manufacturer, or persons or entities authorized in writing by the Manufacturer.
- Any product exhibiting deformities, unusual wear, or deterioration must be immediately discarded. Any equipment subject to a fall must be removed from service.
- The authorized person/user shall have a rescue plan and the means at hand to implement it when using this equipment.
- Never use fall protection equipment for purposes other than those for which it was designed. Fall protection equipment should never be used for towing or hoisting.
- All synthetic material must be protected from slag, hot sparks, open flames, or other heat sources. The use of heat resistant materials is recommended in these applications.
- Never use natural materials (manila, cotton, etc.) as part of a fall protection system.
- Do not expose this equipment to chemicals which may have a harmful effect on the materials used to construct it. Be especially aware of caustic environments, or those that contain high levels of organic acids or bases. If you are uncertain about the safe operation of this equipment in any environment, contact MAXSAFE® for further instructions.
- Do not use this equipment near sharp edges and abrasive surfaces.
- Do not use this equipment around moving machinery or electrical hazards.

MAXSAFE® STEEL ANCHOR should be used only with the combinations of components, sub-systems or both which will not affect or interfere with the safe function of one another. Be certain that connecting devices and other elements of the PFAS are safe to use and compatible before use. Contact MAXSAFE® for further instructions.

INSTRUCTIONS FOR USAGE

MAP - ALU

This Single Point Anchor is to be used for a fall arrest system.

This Anchor can be fixed to walls, ceilings, rooftops or steel structures present in the working environment.

- For fixing to steel structures, drill two 13mm holes into the steel structure. Bolt the anchor on to the structure by using two M12 stainless steel nuts and bolts. Ensure they are fully tightened.
- For fixing to concrete walls, ceiling and roof tops, only fix if the compression strength of the concrete is at least 3000 PSI. Use two M12 chemical fasteners to fix into the drill holes made in the concrete structure as per specifications stated by the chemical fastener manufacture.

The Anchor can be fixed so that the load impact is in any of the directions shown in the figure below.

MAP - S

This Single Point Anchor is to be used for a fall arrest system.

This Anchor can be fixed to walls, ceilings, roof tops or steel structures present in the working environment.

- For fixing to steel structures, drill two 13mm holes into the steel structure. Bolt the anchor on to the structure by using two M12 stainless steel nuts and bolts. Ensure they are fully tightened.
- For fixing to concrete walls, ceiling and roof tops, only fix if the compression strength of the concrete is at least 3000 PSI. Use one M12 chemical fastener to fix into the drill hole made in the concrete structure as per specifications stated by the chemical fastener manufacture.

The Anchor can be fixed so that the load impact is in any of the directions shown in the figure below.

LIMITATIONS:

1. Anchors should be the personal property of its user.
2. It should not be used in highly acidic environments.
3. The Anchor has been certified to AS/NZS 5532:2013 and has been approved as a single person use.
4. Ensure that the Anchor is installed directly above the user's head.

OTHERS:

INSPECTION

Visually inspect the system before each use to ensure that it is in a serviceable condition and is operating correctly. If during inspection, doubts are raised about the safety of the system or a component, these should be replaced either by the manufacturer or a competent person.

CLEANING

Cleaning after use is important for maintaining the safety and longevity of the product. Remove all dirt, corrosives, and contaminants from the product before and after each use. If the product cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean the product with corrosive substances.

COMPATIBILITY

To optimize protection, in some instance it may be necessary to use the product with suitable boots/gloves/helmet or earmuffs. In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application.

STORAGE

When not in use, store the product away where it will not be affected by heat, light, excessive moisture, or other degrading elements and away from heavily acidic or chemically hazardous environments. Never place heavy items on top of it.

DAMAGED PRODUCT & WITHDRAWAL FROM USE

- If the product becomes damaged it will not provide the optimum protection and therefore should be immediately replaced. Withdraw it from use. Never use damaged products.
- If the system has been used to arrest a fall, it should be removed from service immediately and destroyed.

PERIODIC EXAMINATION

- It is important to conduct regular periodic examination of the product because the safety of the user depends upon the continued efficiency and durability of the product.
- The frequency of examination should be at least once in a year. However, it can be more than once if legislation requires, or frequency of use is high or environmental conditions have an adverse affect on it (eg. excessive rain, sea side environment, excessive heat etc).
- It is emphasized that the examination be conducted only by a competent person and strictly in accordance with the manufacturer's periodic examination procedures.
- It is also advised the competent person be correctly trained and authorized by the manufacturer.
- Ensure that all markings on the product are legible and can be clearly read.
- It is the responsibility of the User to keep the Inspection & Maintenance Log up-to-date (refer to Back Cover).

INSPECTION AND MAINTENANCE LOG

SERIAL NUMBER:	
MODEL NUMBER:	
DATE PURCHASED:	DATE OF FIRST USE:

INSPECTION DATE	INSPECTIONS ITEMS NOTED	CORRECTIVE ACTION	MAINTENANCE PERFORMED
Approved by:			
Approved by:			
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