

Operation Guide

custom

200t equalizer

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CERTIFICATE OF CONFORMANCE

Thankyou for investing in a quality lifting product designed and manufactured in Australia. In addition to superior workmanship and materials, a Maxirig product is also manufactured strictly in accordance with local and international standards. Relevant details pertaining to your Maxirig product are as follows:

PRODUCT DETAILS

Serial No: MR12843
Model No: CUSTOM1587
Description: 200t EQUALIZER
WLL: 200 TONNE
Tare: 0.415 TONNE (excludes slings/shackles)
Date into Service: 10/10/2025

YOUR AUTHORISED DISTRIBUTOR

Distributor: LGH AUSTRALIA
Address: 152 SOMERSBY FALLS RD
SOMERSBY NSW 2250
Phone: 1800 407 712
Website: enquires@lgh.au

DESIGN SPECIFICATIONS

Computation No: C3D10378 - REV 0
Designed to: AS4991-2004
Statutory Design Reg: N/A

DESIGN VERIFICATION

Third Party Analysis: Refer attached

WELDING SPECIFICATIONS

Welded to: AS/NZS1554.1 SP

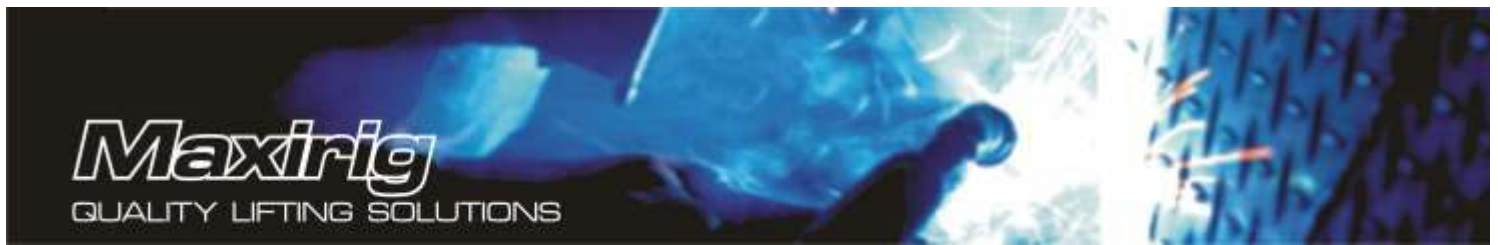
WELDING INSPECTION SPECIFICATIONS

Weld Inspection Report: 9428
Weld Inspection Date: 8/10/2025
Weld Inspection Specs: AS1171-1998

Yours faithfully



Nathan Van Berkel
Director



WELDING INSPECTION REPORT

Issued to LGH AUSTRALIA

Weld Inspection No 9428

Date of Test 8/10/2025

DESCRIPTION OF ITEM INSPECTED

Serial No MR12843

Model No CUSTOM1587

Description 200t EQUALIZER

WELD INSPECTION DETAILS

Material Type CARBON STEEL

Acceptance Standard AS/NZS1554.1 SP

Weld Procedure Reference WP001

Test Specification AS1171-1998

Weld Inspection Procedure IP001

Area Tested DOUBLER PLATES + 20MM H.A.Z.

Method of Test MAGNETIC PARTICLE

Surface Preparation WIRE BRUSHED

Surface Condition AS WELDED

Equipment Used SURECHEM YOKE TYPE WC-6K

Testing Media ARDROX 890/W CONTRAST; ARDROX 800/3 INK

Demagnetised NO

Test Comments (if any) NO DEFECTS DETECTED

CONCLUSION

The above article was inspected by a competent person and we hereby certify that it complies to AS1171-1998

Approved Signatory:

Nathan Van Berkel
Director



CUSTOM 3D
DEVELOPMENT ■ DESIGN ■ DOCUMENTATION

ABN 69 099 194 760

COMPLIANCE CERTIFICATE

Client:	Maxirig.	Compliance Cert No.:	10917 Rev 0
Client Reference:	O/n 8486	C3D Dwg No.:	N/A
Description of Equip:	200 tonne equaliser plate.	Client Dwg/Ref No.:	10378 Rev 0

SCOPE

- Custom 3D was engaged by Maxirig to design check the 200 tonne Equaliser plate mentioned above as it is not practical to load test the item. The check complies with AS4991-2004 section 12.3(b)
- DESIGN DATA & ASSUMPTIONS**
 - Material: Carbon Steel.
 - 200 tonne. W.L.L.
 - The Equaliser plate may be used with 200 tonne Sling saver shackles or 200 tonne Safety bow shackles as lifting shackle and 125 tonne Sling saver shackles or 120 tonne safety bow shackles as load shackles.

DESIGN CODES & REFERENCES

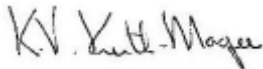
- AS4991-2004
- AS3990-1993.

COMPLIANCE METHOD

- Calculations were performed in accordance with Custom 3D standards, and manual calculations.

CONCLUSION

- It is the opinion of Custom 3D that the equipment mentioned above is suitable for its intended use.

Verifier:	K. Keith-Magee		
Signature:			
Date:	13/09/24		

User Notes

Design Capacity

This device has a **MAXIMUM** working load limit of **200 TONNE**

Permissible Uses

This device is designed to equalize load between 2 sling legs when lifted by crane or hoist.

This device must **NOT** be used in the carriage of personnel cages or any other device in which personnel can travel.

This device must not be used if during the course of operation, transport or storage damage is sustained. Consult Maxirig or an authorised distributor prior to continued use.

Prior to Use

1. All aspects of use including crane, crane operator and dogging must comply with accepted good practice, AS4991 Lifting Devices Code, AS2550 Crane Safe Use Code and other relevant publications.
2. This device must be competently inspected prior to each use. A recommended pre-use checklist is included after these notes.
3. Conduct site specific Job Safety Analysis (JSA) and Hazard Identification & Risk Assessment Controls (HazOp).
4. Ensure the crane or hoist designated to perform the lift is sufficiently load rated and maintained to accepted industry standards.
5. Ensure each sling leg is fitted securely and without twists or kinks to each of the device's lifting lugs and that each sling is sufficiently load rated.
6. Ensure each sling leg is securely fitted to designated lifting points on the load to be lifted.

User Notes

Connections

1. Lift lug suits 200t Green Pin Sling Saver Shackles or 200t Green Pin Safety Shackles
2. Load lugs suit 125t Green Pin Sling Saver Shackles or 120t Green Pin Safety Shackles

Self Handling Point

The device is fitted with 2 x M20 threaded pickup points.

These points may be fitted with an appropriately rated M20 collared eyebolt for self handling of the device.

No shackles or other rigging gear may be fitted when using these points.

General Operation

1. Ensure all connections are secure.
2. Ensure all hand/limbs are well clear of rigging connections prior to conducting any lifts - pinch points can occur around rigging connections.
3. Slowly raise the device and it's load ensuring no shock loads are applied.
4. At approximately 300mm above ground level visually re-check all connections.
5. Ensure all personnel are cleared to a safe distance prior to continuation of the lift.
6. Proceed with lift.
7. When lowering to ground level ensure the device and it's load are gently positioned on the discharge area to prevent any shock loading.

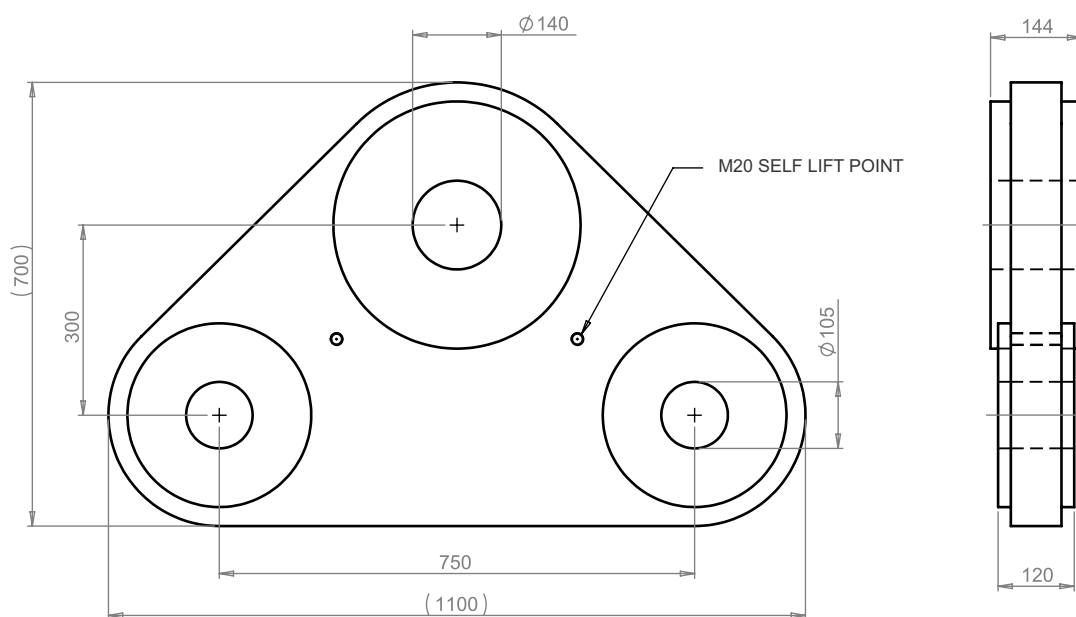
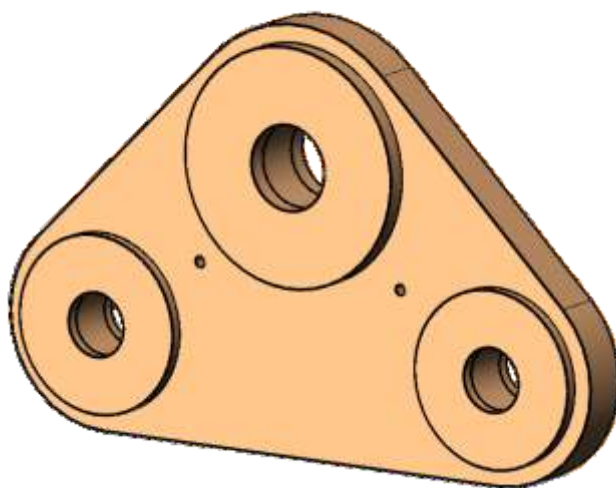
After Use

1. A post-use inspection should be conducted with any damage or indentations outside normal wear conditions reported to site supervisors for assessment and rectification prior to reuse or storage.
2. When storing the device, ensure it is kept dry and protected from weather.

General Arrangement

WLL 200t

Lift lug suits 200t GP sling shackle or 200t GP safety shackle
Load lugs suit 125t GP sling shackle or 120t GP safety shackle
TARE 0.415t



Periodic Maintenance & Testing

Inspection & Testing

This device must be regularly subjected to an inspection and maintenance regime in accordance with AS4991-2004 and the points listed below.

Inspection intervals shall not exceed 12 months. Shorter inspection intervals shall be adopted where the device is used frequently or in harsh conditions such as near salt water.

Major inspections shall only be conducted by an authorised Maxirig distributor or by competent persons with suitable training and experience.

1. The device shall be cleaned prior to inspection and in a location with sufficient lighting to enable a detailed examination of all components and welding.
2. A visual inspection shall be conducted noting nicks, gouges, cracks and corrosion in all welds.
3. A visual inspection shall be conducted noting nicks, gouges, cracks, corrosion, deformation and wear in all shackle eyes.
4. Ensure the body is straight and free of indentation or damage.
5. NDT of welds may be undertaken in accordance with relevant standards.
6. A Maxirig compliance plate shall be attached and legible.
7. Check any associated rigging gear in accordance with relevant standards.
8. Consider suitability of inspection frequency and amend if required. Where the correct inspection frequency is unknown, guidance may be obtained from AS2550.1

Repairs

Minor repairs required to the device that affect surface finishing or coatings may be conducted in accordance with AS4991-2004.

Repairs that may affect the structural integrity of the device may only be performed in consultation with Maxirig or an authorised distributor.

Pre Use Checklist

Prior to use the device shall be checked in accordance with the points below as a minimum.

This checklist is not a substitute for a Job Safety Analysis (JSA) or Hazard Identification & Risk Assessment Control.

If "NO" is answered to any of the checkpoints, refer to site supervisor, Maxirig or an authorised distributor for assessment prior to use.

	YES	NO
Are shackle eyes free of damage and/or excessive wear?	☐	☐
Is all welding complete and undamaged?	☐	☐
Is the body straight and free of indentation or damage?	☐	☐
Is the device free of rust or corrosion?	☐	☐
Is a Maxirig compliance plate attached to the device?	☐	☐
Is the device subject to a current inspection?	☐	☐
Is each operator of the device properly trained and competent to use?	☐	☐
Are all associated rigging connections of sufficient WLL and maintained?	☐	☐

Manufactured & Tested in Australia

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