

STATUS	Final / On Hire		Off-Hire		Stock Transfer		Thorough Examination		Job sheet	DATE
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PLANT NUMBER		DESCRIPTION / TYPE
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THESE INSTRUCTIONS SHOULD BE FOLLOWED WHEN CHECKING EQUIPMENT

- Before any inspection, the device must not be in use.
- The repair and inspection must only be carried out by a competent person.
- Check the general overall condition and appearance of the equipment including paint finish.
- Examine main body and gripping arms for any evidence of twisting or fractures.
- Examine all welds for cracks and inspect pivot points for any security, damage or wear and tear.
- Examine body for overall corrosion condition.
- Examine main lifting eye and bolt for any evidence of wear, cracks, distortion, stretching or twisting and corrosion.
- For the flat top with ring type grab, the original diameter of ring is 24mm and the maximum wear of 2.4mm is allowed on the ring. Minimum diameter is 21.6mm. If lesser, the grab must not be used and returned to workshop.
- For the other type with bolt pin, the original diameter of bush bolt is 51mm and the maximum wear of 5mm is allowed on the bush bolt. Minimum diameter is 46mm. If lesser, the grab must not be used and returned to workshop.
- Ensure that the sliders are clean and move freely and check that all pins, bolts and clips are fitted.
- Examine the condition of the chains for wear, tear, corrosion and security.
- Check the auto release mechanism for any bent structure and damage top pin / inset.
- Ensure all nuts, screws and bolts are tight where appropriate.
- Inspect all gripping rubbers for damage, security and chemical/oil contamination (care must be taken not to contaminate rubbers during lubrication of moving parts). Return to workshop for further investigation if unsafe to use.
- **Lubricate all relevant parts e.g., pivot pins, sliders, chains and the automatic release unit which must only be lubricated with oil, do not use grease.**
- Check all safety stickers including MARWOOD LOGO, MGS 24 Plant return label, Do Not Walk Under Suspended Load (MGS79) and Next Examination Due Date (MGS71).
- Test Operation of the device with the auto release mechanism.
- Inspect Data Plate is in place, undamaged, clear and legible. Change if necessary. Record plant and serial number.

Equipment which displays evidence of incorrect operation should be withdrawn from service.

	O K	R	COMMENTS
GENERAL APPEARANCE			
Main body, pivots and support arms			
Condition of all welds			
Corrosion condition			
Condition of Main lifting Eye			
Record diameter of bush bolt or ring (mm)			State whether it is a ring or bolt. Record in mm
Sliders, adjusters, pins, clips & bolts			
Chains condition			
Auto release mechanism & top pin condition			
Check bolts, nuts and screws			
Condition of grippers			
Lubrication of parts stated above			
All Stickers as stated above			
Test operation			
Data Plate. Plant No and Serial number			

Equipment should be cleaned and correctly stored after checking.

CHECKED BY:

DATE:

PRINT	SIGN
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