

Safety Alert

Number: 20-19

Published: 03/11/2023

Subject: Potential Dropped Object

What Happened / Narrative

4kg Shackle left on top of a backloaded mud skip.

After removing the lashings from backloaded cargo to be ready for discharge in port, a large 4kg shackle was placed on top of a mud skip by vessel crew and was forgotten about with the unit subsequently being discharged to shore. One day later the question was asked to the vessel if the shackle belonged to them.

Why Did it Happen / Cause

The vessel confirmed the shackle was theirs and that it had been left on top of the skip after the lashings were removed to prepare cargo for discharge.

A lack of awareness and rushing the job resulted in the shackle being forgotten about.

Corrective Actions Taken / Recommendations

An immediate Time Out For Safety was held and the hazards of potential dropped objects were discussed, this information was placed in the handover notes to ensure all personnel were made aware.

A fleet circular was issued to highlight this issue across the vessel owner's own fleet.

Photographs / Supporting Information



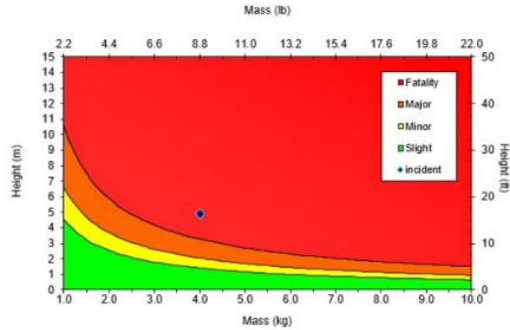
The information contained within this Safety Alert and the associated MSF web site is provided in good faith for the benefit of our members and does not constitute and is not intended to constitute professional advice or any form of formal representation on behalf of any MSF member or officer. The text as provided by submitting organisations may be amended to ensure that it is brief, informative and readable but will as far as reasonably practicable remain as per the intent of the original submission. For the avoidance of doubt, no liability whatsoever shall be attached to any guidance, recommendation or statement contained therein. Contents should be reviewed individually by recipients who will determine relevance to their own operations.

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At 5 meters,
Weight 4 kg,
Outcome
Fatality

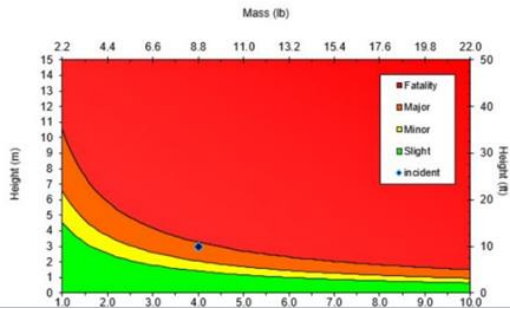


Outcome Calculator		
Height	5	m
Mass	4	kg
Outcome	Fatality 196.13 Joules	



Outcome Calculator		
Height	3	m
Mass	4	kg
Outcome	Major 117.68 Joules	

At 3 meters,
Weight 4 kg,
Outcome
**Non-Fatal
Traumatic Injury**



Important information for Users

GRAPH FUNCTIONALITY: For full functionality, please **Enable Content** where prompted. For information, a single Macro is employed in this workbook to rescale the top Mass(b) axis where applicable.

CALCULATOR ASSUMPTIONS: The Calculator assumes that full PPE is being worn and that the object is **blunt** (no sharp edges - outcome would be worse).

CALCULATOR ACCURACY: The DROPS Calculator is a **guide only** and is intended to give a general idea of the potential severity of a dropped object. A detailed and specific risk assessment will always deliver a more accurate calculation of potential severity.

KEY DESCRIPTION

- **FATALITY:** Death resulting from an injury or trauma.
- **MAJOR:** A Lost Time Incident (LTI). Non-fatal traumatic injury that causes any loss of time from work beyond the day or shift it occurred. Also referred to as Day Away From Work Case (DAFWC).
- **MINOR:** A Medical Treatment Case (MTC). A Work-related injury that does not involve death, day(s) away from work, restricted work or job transfer, and where the employee receives medical treatment beyond first aid.
- **SLIGHT:** A First Aid Case (FAC). Limited or no injury. Treatment may be limited to first aid.

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