



# Have you calculated the consequences of a dropped object?

## REPORTING THE POTENTIAL OF AN INCIDENT

Helps to keep personnel safe and prevent lost time due to injuries or incidents occurring.



A 1.5kg spanner dropped from 12 metres at 9.81m/s has the potential of a fatality.



## SIGNIFICANT IMPACT FORCE

Calculate the possible consequences of a dropped object mass based on the distance it falls and gravitational acceleration.

The calculator provides a common benchmark for the potential impact of a blunt object hitting a person wearing PPE personal protective equipment.

**DANGER DROP ZONE - DO NOT ENTER**

## Remember to Help Prevent Dropped Object Incidents

### ✓ The 60 Minute Rule:

It is important to report all incidents to your line manager and QSHE & Energy support function within The 60 Minute Rule, which will enable prompt investigation and implement of remedial actions to prevent re-occurrence.

### ✓ Significant Impact Force:

Dropped objects quickly build up a significant impact force – and remember, if they strike a person they don't always just bounce off, they can penetrate soft tissue with disastrous consequences.

### ✓ Safe Exclusion Zone:

A safe exclusion zone should be implemented to prevent unauthorised access to the work area and of sufficient size for potential deflections.

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If you see a hazard or spot an unsafe act or unsafe condition, **DO NOT** turn a blind eye. Deal with the situation and report it to your supervisor using the Enigma Positive Intervention process.



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✓ Think Safe ✓ Work Safe ✓ Stay Safe