



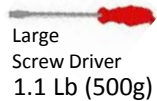
Safety Moment

Dropped Objects

Dropped objects are a great concern because even a small object dropped from a great height can cause *serious injury* to those working below. When referring to dropped objects, consider:

- Hand tools /equipment used at heights or being left behind after working at height.
- Equipment mounted at a height that, following contact, vibration or environmental conditions, could fall, i.e., piping, lights, cameras, rigging gear, etc.
- Temporary equipment at height.
- Where personnel are working on a level directly below the work site.

Consider



Large
Screw Driver
1.1 Lb (500g)

Distance Dropped	10 Meters (33ft)	14 Meters (46 ft)
Impact Velocity	50 Km/h (31 mph)	61 Km/h (38 mph)
Impact Force	108lbs (49 kg)	162 lbs (73.5kg)
Resulting Potential	Hospitalized	Fatality



Standard Bolt (¼ x 3½)
.5 Lb (220 g)

Distance Dropped	11 Meters	23 Meters
Impact Velocity	50 Km/h (31 mph)	80 Km/h (50 mph)
Impact Force	52 lbs (23.7 kg)	109 lbs (49.5kg)
Resulting Potential	Hospitalized	Fatality

Control Measures

- Use of tool lanyards
- Hard hat lanyards
- Red tape and tag an exclusion zone, and identify the reason for the tape. Make sure you consider the size of the zone you will need. (Think about if an item could ricochet on structures below)
- Kunny bag
- Ensure toe boards are in place

If we fail to ensure the appropriate measure are in place to prevent dropped objects, we put **ourselves** and our **coworkers** at risk.

Today and everyday, take a extra look around and ensure we have all preventative measures in place to prevent a dropped object. This will help in achieving our goal of Zero Incidents.