

# Joined-up thinking

# PLAY YOUR PART

## Dropped objects



## SPEAKER NOTES

### Dropped objects

Dropped objects account for the majority of actual and potentially fatal incidents in the upstream oil and gas industry. They can be categorised as either static or dynamic.

#### DROPPED OBJECTS

##### STATIC

Falls under its own weight, i.e. gravity driven, without another applied force.

Causes include:

- Corrosion
- Improper fixings

##### DYNAMIC

Falls due to an applied force.

Causes include:

- Collision involving travelling equipment
- Snagging on machinery
- Improper stacking
- Helicopter downdraft
- Sever weather

### Resources included in this pack are:

- Two Joined-up Thinking films (one static and one dynamic dropped object incident)
- Safety alerts and safety moments
- Reliable Securing guidance ([www.dropsonline.org](http://www.dropsonline.org))
- Dropped Object Prevention on Offshore Units and Installations ([ww2.eagle.org](http://ww2.eagle.org))
- Helicopter Downdraft Awareness video ([www.stepchangeinsafety.net](http://www.stepchangeinsafety.net))

### How to get the best out of the videos

There are two videos, each approximately 7 min long. The value of this presentation is in the discussion afterwards so allow plenty of time to accommodate this.

Other resources are included in this pack – good practice guidance, safety moments and safety alerts.

Prepare by watching the video, reading the safety alerts and safety moments and finding similar examples in your own discipline, in your area, site or company.

At the end of each film are questions to encourage discussion.

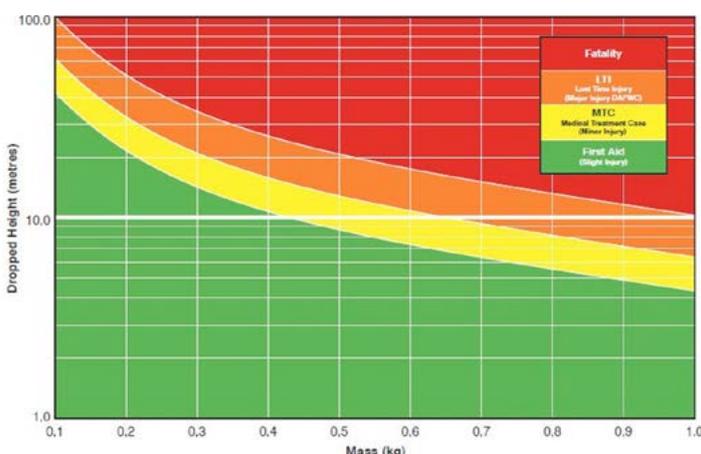
#### Dynamic dropped objects film:

1. What is your site's programme to prevent dropped objects?
2. What is your management system for checking out and checking in tools?
3. Consider other potential consequences of a dropped object in this scenario.
4. Can you think of a dynamic dropped object incident that has occurred at your worksite and what could have been done to avoid it?
5. How are you playing your part to identify and prevent dynamic dropped objects?

#### Static dropped objects film:

1. Is your equipment at height reliably secured, e.g. primary, secondary and safety securing?
2. Is all your redundant equipment removed? If not, what regime do you have in place to prevent dropped objects?
3. Are potential dropped objects assessed before and after carrying out a task?
4. How are you playing your part to identify and prevent static dropped objects?

The **DROPS calculator** can be used to calculate the severity of injury when an object falls onto a person by plotting the mass of a dropped object against the distance it falls to determine its possible consequence.



For more information, or to download other Joined-up Thinking packs, please visit [www.stepchangeinsafety.net/joinedupthinking](http://www.stepchangeinsafety.net/joinedupthinking)