



Reflective learning – facilitator guidance

Video *Stop drops*

Introduction

This leaflet describes the specifics on the reflective learning engagement session called *Stop drops*.

For general guidance and tips on running a reflective learning session please read and use the generic guidance available from the Hearts and Minds website

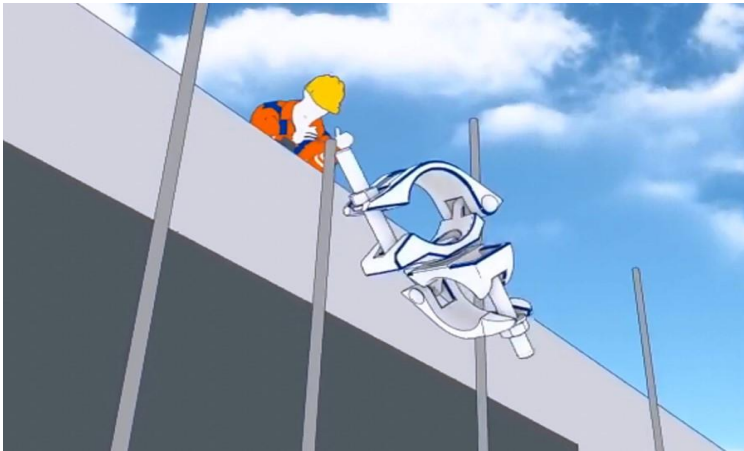
(<https://heartsandminds.energyinst.org/toolkit/reflective-lfi>).

i Stop drops – eliminating dropped objects together

Objects falling from height are an ever-present hazard with potential to kill, but it can be avoided, and we all have a role to play!

In this reflective learning video three different types of dropped objects incidents are shown:

1. Dropped objects during lifting and hoisting activities
2. Dropped objects from fixed structures/facilities
3. Dropped object from working at height



i Content video

In the first part of the video, we see workers on top of a tank. Various barriers and controls are in place, but a flange that is being removed slips out of the hands of the worker and falls through a gap in the grating, narrowly missing another worker below.

In the second part of the video, we see a corroded bolt lying on a walkway of an offshore platform. Later, a piece of angle iron falls to the walkway in the same area and strikes a worker.

In the last part of the video, a story is presented about a dropped object incident on a drill ship during a lifting and hoisting operation.

Key lessons

- We have many barriers and controls to reduce the risk of dropped objects in the workplace, but they still happen
- Behind every dropped object there is a story, and we're all part of it

Line of fire Life-Saving Rule

The International Association of Oil & Gas Producers (IOGP) released a Life-Saving Rule on line of fire.

It is recommended to mention and promote this rule in your session.

We should take every opportunity to stress the importance, because Life-Saving Rules do save lives!

Line of Fire

Keep yourself and others out of the line of fire



- I position myself to avoid:
 - moving objects
 - vehicles
 - pressure releases
 - dropped objects
- I establish and obey barriers and exclusion zones
- I take action to secure loose objects and report potential dropped objects

Protect against drops - Remove it

Examples:

- Minimise work at heights
- Review opportunities to reduce drops during work phase planning
- Address potential drops during the risk assessments
- Training of personnel to identify potential drops
- Frequent housekeeping to remove potential dropped objects
- Pre/post-task housekeeping checks
- Weekly dropped object 'hazard hunts'

Protect against drops - Contain it

Examples:

- Use lanyards to secure tools and equipment used for elevated work activities
- Install lanyard attachment points where applicable on fabrication aids and material
- Proper lashing of equipment during movement with mobile equipment



Questions in video

Questions after part 1 of the video

- What are some examples at your site where working at height could result in a dropped object?
- What are the current practices at your site to eliminate dropped objects?

Questions after part 2 of the video

Please discuss in small groups:

- Where are there potential fixed objects that may drop at your worksite?
- What can you do about it?

Questions after part 3 of the video

Please discuss in small groups:

- What are the controls at your site to reduce the risk of dropped objects from lifting activities?
- What can you do to protect people from dropped objects?

Protect against drops - Restrain it

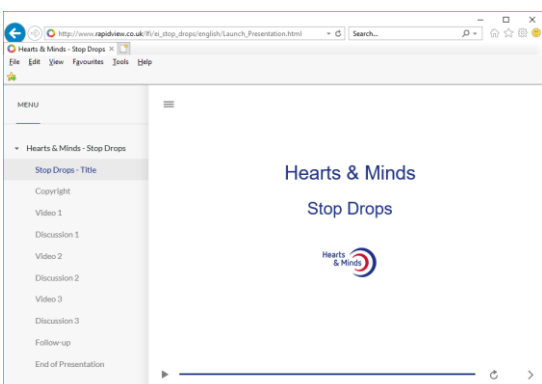
Examples:

- Properly store tools and equipment used for elevated work activities when not in use
- Install containment directly beneath or on top of elevated work surface to contain potential dropped objects
- No elevated work activities within 6ft (1.8m) of an unprotected leading edge (where applicable)



Video tool

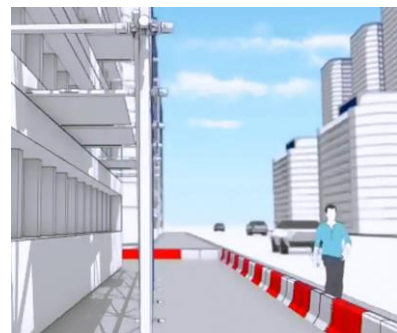
Use the menu in the video tool at the start of the meeting to explain the structure of the session. No slides are needed.



Protect against drops - Protect from It

Examples:

- Install walkway covers in areas where walkways are exposed to dropped objects
- Establish 'go/no-go zones', barricading or exclusion zones where necessary



Copyright

Copyright is owned by Shell International Exploration and Productions BV (SIEP) or its affiliates and reproduced here by the Energy Institute with their permission. The Hearts and Minds logo is a trade mark of the Shell group of companies and can only be used with written permission from Shell Brands International AG or Shell Trademarks Management BV (as the case may be). These materials are intended for educational purposes and do not replace independent review of any particular circumstances to which the materials may be applied to. Therefore, the Energy Institute or SIEP or its affiliates do not accept liability or responsibility for any consequences whatsoever for its use.

