



Unsecured Pipe Drop Incidents

Description:

Multiple incidents of pipe drops occurred in the recent year. These incidents resulted in injuries to workers that had the potential to be more serious. It also resulted in damage to pipe sections. The incidents all have a common cause, safe staging and securing of pipe at the worksite did not take place.

Lessons Learned:

- Procedures for the use of pipe stands, cones, and positioning must be understood.
- The use of pipe stands and cones are meant to be temporary.
- Equipment specifications, such as placement and weight capacity, must be adequate to secure the potential energy of heavy objects.
- Check security of pipe prior to task.

Life Saving Rule:



LINE OF FIRE

Learn more about this [Life Saving Rule](#)

Keep yourself and others out of the line of fire.

I position myself to avoid:

- Moving objects
- Vehicles
- Pressure releases
- Dropped objects



Example of pipe cone with dropped pipe section



Example of unstable pipe stand



Example of pipe dropped off stands

Recommendations:

- Selection of material handling equipment (types of pipe stands, use of adjustable pipe stands, cones and securing methodology) should be appropriate for the intended use.
- Procedures for the safe staging and securement of pipe, and related components, should be made known to workers and validated by regular inspections.
- Before and during tasks, confirm that pipe is stable and secure.
- When planning work include field level hazard assessments that adequately address line of fire and drop hazards.

Help industry by sharing learnings from an incident. [Submit your Safety Alert.](#)

SHARE AND COLLABORATE

Energy Safety Canada (ESC) works collaboratively with industry to share information aimed at helping companies of all sizes improve safe work performance.

DISCLAIMER

Use of this document or any information contained herein is at the user's sole risk. ESC makes no representations and assumes no liability. For further information on these restrictions, go to <http://www.energysafetycanada.com/legal.cfm>

COPYRIGHT/RIGHT TO REPRODUCE

Copyright for this document is held by Energy Safety Canada, 2021. All rights reserved. Energy Safety Canada encourages the copying, reproduction and distribution of this document to promote health and safety in the workplace, if Energy Safety Canada is acknowledged. However, no part of this publication may be copied, reproduced or distributed for profit or other commercial enterprise, nor may any part be incorporated into any other publication, without written permission of Energy Safety Canada.