

## Life-Saving Rule

### 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

## Additional Guidance & References

Other rules focus on specific activities, whereas this Rule is intended to raise personal awareness of struck-by and caught-in-between hazards. Line of fire hazards are not always obvious or constant and can be introduced as the task progresses (e.g. underground and overhead powerlines, pipelines, objects under pressure, stored energy, lines under tension, poorly supported excavations, shifting cargo, moving equipment).

At all times individuals need to continually monitor their surroundings and position themselves to avoid being in the line of fire. This includes ensuring they are visible to vehicle drivers and equipment operators.

Individuals recognise when they create a line of fire hazard and put others or themselves in the line of fire.

### Further reading:

- IOGP report 577 – Fabrication site construction safety practices – Hazardous activities provides simple requirements on topics that address line of risk hazards, including:
  - Construction traffic interface
  - Dropped objects prevention
  - Housekeeping
  - Working at height
  - Lifting

Although developed for construction, these are easily transferable to other operations.

- DROPS Online: <http://www.dropsonline.org/>
- OSHA: 29 CFR 1926 Safety and Health Regulations for Construction
  - Subpart P: Excavations
  - Subpart CC: Cranes & Derricks in Construction
- UK HSE: Structural stability during excavations: <http://www.hse.gov.uk/construction/safetytopics/excavations.htm>
- UK HSE: GS6 – Avoiding Dangers from overhead power lines
- The National Institute for Occupational Safety and Health (NIOSH), Construction Equipment Visibility <https://www.cdc.gov/niosh/topics/highwayworkzones/default.html>
- Energy Institute Reflective Learning materials: <https://heartsandminds.energyinst.org/toolkit/reflective-lf>