

Module 4 – Task 1: Risk Assessment and Management

Activity 1b: Identifying the difference between hazard and risk.

Read the following explanation and example on hazard and risk, and identify the hazard(s) and the risk(s) in the pictures.

What is risk and hazard at workplace?

A hazard is anything that has the potential to cause harm, loss or danger. A risk is the likelihood or chance that a hazard will cause harm. Hazard represents physical objects, situations or setting (sharp objects, slippery floors or cracks on the roads) while risk represents probability (falls, trips and fire) and can be represented in degrees.

Example:

Ocean is hazard because it has potential to cause harm to someone who cannot swim. Therefore, ocean poses a hazard for someone unable to swim. Diving into the ocean poses a significant risk for someone unable to swim.

Adapted from

<https://www.eea.europa.eu/publications/GH-07-97-595-EN-C2/chapter1h.html>



a. _____



b. _____



c. _____

<https://www.flickr.com/photos/14113765@N00/6274521428>

<https://www.flickr.com/photos/38891773@N00/6830724699>

<https://www.flickr.com/photos/18112038@N00/5790808817>

Module 4 /Task 1 /Activity 1: Identifying Risks and Hazards at the Workplace –
SUGGESTED ANSWERS

Activity 1b.

1.A. Students will read the explanation regarding hazard and risk. After analyzing the example about hazard and risk, they will look at the pictures and identify the hazard(s) and risk(s).

- a. Risk
- b. Hazard
- c. Risk

Explanation (optional)

Explanation to be provided

Many chemicals pose hazard to human health and environment. They are corrosive and irritant to humans. However, the same acid is not a risk to human health if humans are exposed to at minimum levels. The degree of harm may depend on the specific exposure level as well as the means of exposure. Depending on these facts acids may cause burns and corrosion.