**Solar Electric Technician (Level 2)**

**Module 2: Occupational health and safety**

**E1: Assignment - Occupational health and safety**

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| **E1: ASSIGNMENT MEMO** | |
| **Date** | …. |
| **To** | Participants |
| **From** | Trainers |
| **Subject** | OHS – Occupational Health and Safety |
| **What** | Study the scenarios that the PV system installer may come across. Identify potential hazards and suggest mitigation strategies for the scenario. |
| **Why** | The objective of the assignment is to understand the wire system of each. |
| **How** | 1. Work in an assigned group (4 groups in total). 2. Be clear about the assignment (Group 1 – scenario 1, Group 2 – scenario 2, Group 3 – scenario 3 and Group 4 – scenario 4) 3. Identify potential hazards and suggest mitigation strategies for the scenario of your group. 4. Prepare the findings (potential hazards and mitigation strategies) in separate charts. 5. Identify the presenter. 6. Present the findings. |
| **Time** | Preparation: 25’  Presentation: 5’ for each group |

*Note: Possible answers are provided in media.*

**Assignment scenario for participants**

**Instructions to participants**

The following are different scenarios that the PV system installer may come across. Identify potential hazards and suggest mitigation strategies for the scenario. Ask the groups to present their findings and discuss in the group.

**Scenario 1: Rooftop solar panel installation**

You are assigned to install solar panels on the roof of a residential building. The roof is sloped, and the installation site is exposed to direct sunlight. There are various electrical tools and cables around.

**Scenario 2: Solar panel maintenance in a remote area**

You are tasked with performing maintenance on a solar panel array located in a remote, off-grid area. The site is surrounded by rugged terrain and is far from immediate medical assistance.

**Scenario 3: Installing solar panels in an industrial setting**

You are installing a large solar panel system on the roof of an industrial warehouse. The site is busy with ongoing industrial activities, including heavy machinery operations.

**Scenario 4: Solar panel installation on a floating platform**

You are installing solar panels on a floating platform located on a lake. The platform is prone to movement, and there is a risk of falling into the water.