

**COURSE TITLE:                    AUTHORISED INSULATOR WASHER FOR  
POLE LINES UP TO 66KV.**

**Course Purpose:**                    This module is designed to provide the Participants with the necessary knowledge & skills to carry out the washing of insulators on Poles Lines energised up to 66kV.

**Course Duration:**                    Up to 3 Days.

**Pre-requisites:**                    Authorised Live Line Lineworker.

**Learning Outcomes:**

1. Demonstrate knowledge of Safe Approach Distances for Personnel & Mobile Plant, as specified in the relevant Code of Practice or equivalent.
2. Demonstrate knowledge of the basic safety precautions relevant to the washing of Pole Line Insulators at Voltages up to 66kV, using an Insulated Washing Gun.
3. Demonstrate the knowledge and skill required to safely carry out the washing of Line Insulators at Voltages up to 66kV from an Elevated Work Platform, using the Insulating Washing Gun, the Hand Held Metal Washing Gun and working from a ladder using the Insulating Washing Gun.

**Summary of Content:**

1. Introduction & reasons for live line washing of insulation
2. Methods of insulator washing.
3. Safe working clearances for persons & mobile plant.
4. Earthing of mobile plant.
5. General precautions associated with live-line insulator washing.
6. The washing method
7. General information on the washing of pole line insulators.
8. Insulator testing.
9. Insulation which should not be washed while energised.
10. Insulation which should not be washed with a water jet.
11. Handlines – observance of Safe Approach Distances.
12. Protective clothing.
13. Notification to Operating Authority.
14. Water quality.

**Delivery:  
(Presentation Format)**

Delivery will consist of:

- Training room presentations to deal with the acquisition of knowledge and thinking skills.
- Participant demonstration of skills.

**Competency Assessment:**

Assessment for this module will consist of:

- Written assessment will be required to demonstrate knowledge of Safe Approach Distances for Personnel & Mobile Plant.
- Written assessment will be required to demonstrate knowledge of basic safety precautions relevant to the washing of Pole Line Insulators up to 66kV using an Insulated Washing Gun.
- Practical skill assessment to safely carry out washing of Pole Line Insulators at voltages up to 66kV using an Insulated Washing Gun, from an Elevating Work Platform.