

COURSE TITLE: AUTHORITY TO APPLY SILICONE GREASE TO ENERGISED POLE LINE INSULATORS AT VOLTAGES UP TO & INCLUDING 66kV

Course Purpose: This module is designed to provide the Participants with the necessary knowledge & skills to apply silicone grease to energised pole line insulators at voltages up to 66kV

Course Duration: 1 Day.

Pre-requisites: Personnel applying the grease, and personnel acting as an “offsider” shall be authorised to wash energised pole line insulators.
Personnel acting as a “offsider” shall be authorised to operate the air compressor being used.
The above personnel shall hold a current 20B licence to operate elevating platform vehicles.

Learning Outcomes:

1. Demonstrate knowledge of basic safety precautions relevant to the application of silicone grease to energised pole line insulators up to 66kV.
2. Demonstrate knowledge & skill to safely carry out the application of silicone grease to energised pole line insulators from an E.W.P

Summary of Content:

1. Introduction & reasons for treatment of pole line insulators with silicone grease.
2. Details of work method.
3. Earthing of equipment.
4. Preparation of insulators for greasing.
5. Vicinity authority for live-line activities.
6. Communication with System Control.
7. Suitable weather conditions.
8. Inspection of line structures & associated hardware and insulators.
9. Safety observer duties.
10. Use of E.W.P. for grease application.
11. Consideration of overspray.
12. Consideration of vehicular and pedestrian traffic issues.
13. Safety apparel.
14. Cleaning of equipment after use.

**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 work to demonstrate knowledge of basic safety precautions and work methods relevant to the application of silicone grease to energised pole line insulators at voltages of up to 66kV.
- Assessment of skills to safely carry out the greasing of energised pole line insulators at voltages of up to 66kV, using an insulated spray wand and an E.W.P