VESI Training Module –

Installation & Maintenance of Attachments on Distribution Company Poles

This Training Module has been developed by the Victorian Electricity Supply Industry (VESI) Skills and Training Reference Committee to provide a learner with the knowledge to install and maintain attachment/s.

In the Victorian Electricity Supply Industry

October 2014

DATE	VERSION	AMENDMENT	NAME
OCT 2014	1		VESI STRC

Module purpose

This module provides the learner with the knowledge to install and maintain attachment/s on distribution company poles.

This module can be used for both refresher and initial training

For whom

Third Party personnel who are required to attach signs, banners and minor attachments on distribution company poles, excluding telecommunications carrier equipment.

Delivery

Shall be delivered by a training provider whose course material has been reviewed by the relevant Network Operator.

Frequency

3 yearly

Summary of content

- OH&S Act
- Electricity Safety (Management) Regulations 2009
- General duty of care
- Rights and responsibilities of employers and employees
- Legislations and Regulations update
- Risk Assessment process
- Identify pole line construction types and voltages
- Code of Engineering Practice for Shared Use of Poles
- Safe Approach Distances
- Personal Safety
- Prevention of Falls Regulations and Codes of Practice
- Safe to Climb

Learning outcomes

On successful completion of this module the learner should be able to:

Learning outcome 1

Describe legislation affecting the attachment of signs, banners and other items to power poles.

Assessment criteria

1.1 State the aims of the OH&S Act

1.2 Explain what is meant by duty of care

1.3 Identify the responsibilities of employers and employees according to the OH&S Act

1.4 Describe the general requirements of the Victorian Occupational Health and Safety Fall Prevention Regulations

1 5 Describe the general limitation placed by the Electricity Safety (Management) Regulations 2009 on non-electrical personnel working near live electrical apparatus

Learning outcome 2

Describe the hazards associated with live electrical conductors and precautions required

Assessment criteria

2.1 Describe the reasons why contact with live electrical conductors may lead to serious injury or death.

2.2 Describe the causes and effects of step and touch potential.

2.3 Describe the precautions needed to avoid electric shock or other injury to person/s present if contact is made with an overhead electrical conductor.

Learning outcome 3

Identify pole line construction types and voltages.

Assessment criteria

3.1 Identify high and low voltage structures.

3.2 Identify bare and insulated low and high voltage conductors.

3.3 Identify low voltage customer services.

3.4 Identify high voltage underground cable head poles and cables.

3.5 Identify pole mounted high voltage transformers and fittings.

3.6 Identify overhead electrical supervisory cables.

3.7 Specify the structures to which the attachment of signs, banners or minor attachment is not permitted.

Learning outcome 4	Specify the requirements for attaching signs, banners or other items
Assessment criteria	4.1 Describe the general requirements of the VESI Shared Use of Poles Code
	4.2 Describe the technical requirements applicable to the attachment of signs and other minor attachments.
	4.3 Describe the technical requirements applicable to the attachment of flags, banners or minor attachments higher up on poles.
	4.4 State the personal electrical clearance requirements applicable to the attachment of signs, flags, banners or other items.
	4.5 Describe the general requirements and precautions for operating plant within the vicinity of Network infrastructure for the purposes of attaching signs, banners and minor attachments
Learning outcome 5	Describe Personal safety precautions, applicable to the attachment of signs, banners and minor attachments.
Assessment criteria	5.1 Specify Personal Protective Equipment requirements**.**
	5.2 Describe the process of task assessment, risk assessment and use of the hierarchy of risk control measures.
Learning outcome 6	Describe the procedures used to ensure it is safe to approach and work on a distribution company pole.
Assessment criteria	6.1 Describe the visual inspection procedures used to ensure a pole is electrically and mechanically safe to approach to commence work.
	6.2 Describe and perform a safe to climb test