

Safe Work Near Power Lines (Initial)

This training course is designed to provide participants with an understanding of the relevant provisions of the Workcover Code of Practice 2006: Work Near Overhead Power Lines. The code aims to protect the health and safety of persons from the risks arising when they are working near overhead power lines and associated electrical apparatus.

There are legislative obligations on employers, self-employed persons and controllers of premises in regard to undertaking work in close proximity, or at an unsafe distance to overhead powerlines. The term 'near' is utilised as a reference point for persons planning and undertaking this work.

Work 'near' overhead powerlines means a situation where there is a reasonable possibility of a person, either directly or through any conducting medium, coming closer than the approach distances specified in this code. For the purposes of this code the term 'near' can be interchanged with other legislative or commonly used industry terms i.e. 'close proximity', 'unsafe distance' or 'in the vicinity of'.

Accredited persons must be re-trained or re-assessed annually.

On completion of all assessments, participants will be able to:

- Prepare to work safely near live overhead power lines as a non electrical worker
- Carry out the work safely near live overhead power lines as a non electrical worker
- Complete the work safely near overhead power lines as non electrical worker

The WorkCover Code of Practice "Work Near Overhead Power Lines" can be downloaded from www.workcover.nsw.gov.au or obtained from WorkCover.

DURATION: 2 days

FACILITATOR: Daryl Boyce. Daryl is an accredited Power Line Safety Trainer with many years experience in the energy industry, working as an Electrical Fitter, High Voltage Testing Technician Electrical Design Draftsman, and relief Safety Advisor.

WHAT TO BRING: NIL

Local Government Training Institute

4 Sandringham Ave Thornton NSW 2322

PO Box 137, Thornton NSW 2322

Telephone: (02) 4922 2333 Facsimile: (02) 4966 0655

Email: reception@lgti.com.au

www.lgti.com.au

WHO SHOULD ATTEND THE COURSE?

Persons such as operators of cranes, mobile plant and elevating work platforms who carry out work closer than the approach distances specified in Table 1 of WorkCover Code of Practice Section 3.3 and safety observers who observe the work.

IN-HOUSE AND CUSTOMISED TRAINING

The training course can be delivered at your place of work or at suitable locations throughout NSW. As there is a classroom, and a practical component, locations need to be mutually acceptable.

MAINTENANCE OF COMPETENCY

The employer of accredited persons must ensure that those persons are either re-assessed or re-trained annually to ensure their on-going competency to perform activities associated with work near overhead power lines.

Re-assessment or re-training must cover, as a minimum, the knowledge and skills necessary to ensure safe work practices near overhead power lines, approved resuscitation procedures and emergency procedures to be followed in the event of an accident.

Following re-assessment, persons who have failed to maintain competency through the regular on the job application of learnt skills and knowledge must undertake refresher training and competency assessment.

To register, please complete a Local Government Training Institute registration form at <http://www.lgti.com.au> and submit online; or you can fax to Local Government Training Institute on (02) 4966 0655

Course enquiries may be directed to Training Administration on 49 222 333.

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Unit 1

- Preparation to work safely near live overhead power lines as a non electrical worker
- Identification of the relevant legislative requirements including OHS Act 2000 and OHS Regulation 2001 including the Code of Practice – Work near overhead powerlines
- Ordinary and Accredited Persons
- Principles of electricity, 3 phase power system
- Electric shock and resuscitation
- Safe work practices and procedures
- Identification and confirmation of the approach distances for safe work and access near live overhead power lines and associated electrical apparatus
- Identification and implementation of safe systems of work including safe work method statements
- Hazard identification, risk assessment and control options prioritised
- Development of risk assessment documentation and safe work method statements
- Permit systems and established supporting procedural systems
- Responsibilities identified for the safety observer, crane and plant operator in accordance with requirements and established procedures /systems of work to ensure safety measures are followed in the event of an incident
- Reporting and notification procedures for work closer than the approach distances identified in the Code of Practice – Work near overhead powerlines
- Identification of electricity infrastructure for low voltage and high voltage overhead power lines
- Relevant approach distances as defined in the Code of Practice – Work near overhead powerlines

Unit 2

- Carry out the work safely near live overhead power lines as a non electrical worker
- Application of OHS principles and practices to reduce risk of incidents with overhead powerlines
- Process for monitoring and reporting hazards and OHS risks to immediate authorised personnel for directions according to established procedures
- Non routine events
- Emergency procedures in the event of and responding to an incident
- Working safely in accordance with instructions and established routines/procedures

Unit 3

- Complete the work safely near overhead power lines as non electrical worker
- Work schedules, requirements for returning work permit(s) and/or access authorisation permits
- Process for reporting to authorised personnel incidents in accordance with established procedures
- Work completion records, reports/data sheets for completed works

Assessment

The assessment method used for this course to effectively judge participants successful completion include:

- A demonstration of knowledge that will satisfy the learning outcomes through written and or verbal methods.
- A practical demonstration that will satisfy the learning outcome.

Accreditation

On completion of training persons will obtain a certificate of competence and a plastic wallet card.

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Comments From Participants

What have you learnt that you will apply in the workplace?

“The safety and awareness, work distance between power lines”

“To keep safe and to operate within the safe minimum distances/clearance of low voltage and high voltage lines”

“How to stay alive”

“To help out in the workplace and to stay alive”

“Will not encroach on power lines without an accredited observer”

“Look before you lift”

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