

Course Outline & Enrolment

Course Name: Conduct In-Service Safety Testing of Electrical Cord Assemblies and Cord Connected Equipment

Course Unit #: UEENEEP008B



Course Cost:

MBA Members	\$280 GST included
Non Members	\$380.00 GST included

Course Objectives:

To provide the participant with the resources to operate a Portable Appliance Tester (PAT) competently in the testing of portable appliances in accordance with Occupational Health and Safety Act, Regulation, Australian Standard 3760 and Code of Practice: Electrical Practices For Construction Work.

Outcomes:

- 1 Understand how the OH&S reg 2001, the AS/NZS 3760, Codes of Practice and other Workcover NSW guidance applies to electrical equipment used in the workplace.
- 2 Understand the limitations of their training and not to attempt to test equipment they have not been trained to do.
- 3 Knowing how to use a PAT properly, interpret and record the results for compliance with the OH&S Reg and AS/NZS 3760.
- 4 Able to carry out a visual examination of electrical equipment in accordance with AS/NZS 3760
- 5 Being able to carry out earth continuity, insulation resistance and earth leakage tests on electrical equipment in accordance with AS/NZS 3760.
- 6 Able to distinguish between Double insulated equipment and equipment that is protectively earthed (class 1) identify the appropriate test for each type.

To be deemed “Competent Person” as stated in the Australian Standard 3760: NSW Electrical Practices for Construction Work Code of Practice and Occupational Health & Safety Regulations. The participant will be required to successfully complete several tasks to show they have met the level required.

Assessment Tasks:

- 1 **Theory –**
 - OH&S REG clause 64 & 65
 - AS/NZS 3760 In-service safety inspection and testing of electrical equipment
 - NSW Electrical Practices for Construction Work Code of Practice
 - Basic Electricity Theory.

- 2 **Practical –**
 - Determine the different classes of electrical equipment.
 - Visually inspect the electrical equipment
 - Apply the relevant test for the item being tested, using a Portable Appliance Tester (PAT).
 - Complete documentation on the results of the inspection & test.

Course Time Frame: 1 Day - 4 sessions
Times vary due to course locations

Registration	8.15 am
Session 1	8.30am – 9.30am
	Regulations (OH&S, Code of Practice & Australian Standards) Basic Electricity 1 st Written Assessment
Morning Tea	9.30am – 9.45am
Session 2	9.45am – 12.00 noon
	Classes of Equipment Visual and Physical Inspections Tests required using a PAT Non-Compliant equipment (documentation) Compliant Equipment (documentation) Australian Standards timeframe 2 nd Written Assessment
Lunch	12.00noon – 12.45pm
Session 3	12.45 – 2.45 pm
	Distinguishing the difference between Class1 & Class 2 equipment Inspecting equipment for faults Practical demonstration in using a PAT Practice using a PAT to locate faults Filling out a Log Book Practical demonstration on testing RCD's
Afternoon Tea	2.45pm – 3.00pm
Session 4	3.00pm - 5.00pm
	Practical Assessment Assessment Results Debriefing and Evaluation of Course
Close	

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Course is delivered by The Change Network – A Registered Training Organisation No. 90299

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created: 1/13/2011 3:53:00 PM
revised: 1/13/2011 4:39:00 PM
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Version: 1.0

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