MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

LOW VOLTAGE RESCUE C/W CPR

"Empower Yourself to Respond – Save Lives Around Electrical Hazards"

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

This course equips participants with the knowledge and practical skills required to perform a rescue from a live low-voltage (LV) electrical situation and provide cardiopulmonary resuscitation (CPR). It is designed in alignment with national training standards and electrical safety regulations to ensure workplace readiness in emergency response.

Objectives

Participants will learn to:

- Identify low voltage electrical hazards and risks
- Safely perform a rescue from live electrical panels and equipment
- Administer CPR according to ARC (Australian Resuscitation Council) guidelines
- Understand the legal obligations of first responders in electrical emergencies

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Why Attend

- Required annually for electricians, safety observers, and electrical workers
- Combines two critical life-saving qualifications: LVR + CPR
- Boosts workplace compliance and emergency preparedness

Target Audience

- Electricians and electrical apprentices
- Safety observers and designated first responders
- Technicians working in LV environments
- Construction, mining, utilities, and industrial staff

Individual Benefits

- Meet mandatory competency requirements under WHS regulations
- Gain confidence in life-saving response in electrical emergencies
- Receive two nationally recognized qualifications in one course

Organizational Benefits

- Ensure compliance with electrical safety regulations and codes
- Reduce risk of fatalities and injuries at electrical work sites
- Maintain a trained emergency response team for LV incidents

Instructional Methodology

- Interactive theory sessions with visual demonstrations
- Hands-on CPR training using manikins and defibrillator simulations
- Practical LVR rescue scenarios using electrical switchboards
- Final knowledge test and competency-based practical assessment

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Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE) **Training Hours:** 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules

Coffee Breaks: 09:30 & 11:15 **Lunch Buffet:** 01:00 – 02:00

Day 1: Electrical Safety & Low Voltage Rescue Concepts

- Module 1: Introduction to Electrical Safety & Legislation (07:30 – 09:30)
- WHS regulations and electrical risk overview
- Low voltage (LV) rescue roles and responsibilities
- Module 2: Understanding Electrical Hazards (09:45 – 11:15)
- Effects of electricity on the human body
- Common workplace electrical hazards
- Module 3: Personal Protective Equipment (PPE) & Rescue Tools (11:30 – 01:00)
- PPE selection and inspection
- Rescue kits and insulated equipment
- Module 4: Risk Assessment for LV Situations (02:00 – 03:30)
- Hazard ID, risk assessment, and control measures
- Safety documentation and site preparation

Day 2: Low Voltage Rescue Procedures

- Module 1: LV Rescue Theory & Standard Operating Procedures (07:30 – 09:30)
- Step-by-step LV rescue response
- Isolation and securing power sources
- Module 2: Practical – Simulated LV Rescue Drill (09:45 – 11:15)
- Hands-on drill using rescue equipment
- Safe approach and extraction techniques
- Module 3: Communication and Incident Reporting (11:30 – 01:00)
- Emergency communication protocols
- Incident documentation
- Module 4: Review and Scenario-Based Exercise (02:00 – 03:30)
- Simulated rescue scenarios
- Peer feedback and trainer evaluation

Day 3: Cardiopulmonary Resuscitation (CPR) Essentials

- Module 1: CPR Theory – DRSABCD Action Plan (07:30 – 09:30)
- Emergency response protocols
- Legal considerations and chain of survival
- Module 2: Practical – Adult CPR with Manikins (09:45 – 11:15)
- Compression techniques and rhythm
- Barrier use and infection control
- Module 3: Use of Automated External Defibrillators (AEDs) (11:30 – 01:00)
- Safety checks and operation
- Integration with CPR response
- Module 4: Group Practice and Trainer Review (02:00 – 03:30)
- CPR scenarios with AED use
- Correction and guidance session

Day 4: Integrated Emergency Response Training

- Module 1: Combined LV Rescue + CPR Scenario Training (07:30 – 09:30)
- Role-playing real-time rescue operations
- Sequential application of LV + CPR response
- Module 2: Incident Leadership and Team Coordination (09:45 – 11:15)
- Roles within an emergency team
- Effective leadership during incidents
- Module 3: Workplace-Specific Risk Factors (11:30 – 01:00)
- Industry-specific hazards (mining, electrical, construction)
- Custom protocols based on job site
- Module 4: Practical – Team-Based Incident Simulation (02:00 – 03:30)
- Full team rescue and CPR response under pressure
- Video playback and evaluation (if available)

Day 5: Final Assessment & Certification

- Module 1: Written Knowledge Assessment (07:30 – 09:30)
- CPR & LV rescue theory test
- Module 2: Practical CPR Evaluation (Solo) (09:45 – 11:15)
- 2-minute adult CPR with AED application
- Assessment by instructor
- Module 3: Practical LV Rescue Drill Assessment (Paired) (11:30 – 01:00)
- Timed scenario: simulated electrocution
- Correct rescue sequence and post-incident actions
- Module 4: Review, Licensing, and Certification Wrap-Up (02:00 – 03:30)
- Feedback, re-testing if needed
- Certificate distribution and course close

Certification

Upon successful completion, participants receive:

Statement of Attainment for:

- UETDRMP007 – Perform rescue from a live LV panel
- HLTAID009 – Provide cardiopulmonary resuscitation
- Certification is valid for 12 months – annual renewal recommended

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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