Advanced resuscitation gives participants the skills to administer oxygen via multiple methods such as portable oxygen equipment, therapy mask, ventilating the casualty who requires assistance with breathing difficulties, and airway adjuncts to help maintain their airway.

These skills can be vital for preventing possible death or deterioration of the casualty when breathing and air/oxygen deprivation is of concern.

The following information briefly outlines the content of the **Provide Advanced Resuscitation – HLTAID007** module.

When receiving an accredited certificate, it should contain the code HLTAID007 prominently, if issued after the 1st of July, 2014.

The participants will be required to be physically and mentally capable of meeting the above outlined assessment criteria to be awarded the Statement of Attainment HLTAID007 Provide Advanced Resuscitation, otherwise certification cannot be provided.

Information gathered from the Australian Government Training website – www.training.gov.au.

Assessment must include, but not necessarily limited to:

Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role.
The demonstrated evidence is performed in line within state/territory regulations, first aid codes of practice, Australian Resuscitation Council (ARC) guidelines and workplace procedures.

- Followed DRSABCD in line with ARC guidelines, including:
- performed at least 2 minutes of uninterrupted single rescuer cardiopulmonary resuscitation (CPR) (5 cycles of both compressions and ventilations) on an adult resuscitation manikin placed on the floor

- performed at least 2 minutes of uninterrupted single rescuer CPR (5 cycles both compressions and ventilations) on an infant resuscitation manikin placed on a firm surface
- performed at least 2 minutes of bag-valve-mask ventilation and at least 2 minutes of compression on an adult resuscitation manikin placed on the floor
- responded appropriately in the event of regurgitation or vomiting
- managed the unconscious breathing casualty
- followed the prompts of an Automated External Defibrillator (AED)
- followed single rescue procedure, including the demonstration of a rotation of operators with minimal interruptions to compressions

- conducted a visual and verbal secondary survey assessment of the casualty
- assessed vital signs (respirations, pulse and temperature)
- responded to at least three simulated first aid scenarios contextualised to the candidate's workplace/community setting, including:
- demonstrated safe manual handling techniques
- clearing the airway using a suction device
- post-incident debrief and evaluation
- provided an accurate verbal and written report of the incident

- selected and inserted an oropharyngeal airway adjunct
- administered oxygen to an unconscious/conscious casualty, including:
- selected and prepared correct oxygen equipment
- administered oxygen safely at correct flow rate

- monitored and coordinated maintenance of resuscitation equipment
- dismantling
- storage
- disposal
- cleaning and decontamination
- checking and diagnosis of faults

- located and interpreted workplace policies and procedures

On successful completion, the participants will have the underpinning knowledge and skillsets.

The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:

- State/Territory regulations, first aid codes of practice and workplace procedures including:
- ARC guidelines relevant to provision of CPR
- guidelines of Australian national peak clinical bodies

- safe work practices to deal with risks and potential hazards including manual handling, hazardous substances, dangerous goods and chemicals
- infection control principles and procedures, including use of standard precautions
- requirements for currency of skill and knowledge

- legal, workplace or community considerations including:
- awareness of potential need for stress-management techniques and available support following an emergency situation
- capabilities of emergency management services
- consent
- duty of care requirements
- importance of debriefing
- legal requirements of administration of medication and the rights and responsibilities of the First Aider in the workplace regarding medication
- own skills and limitations
- privacy and confidentiality requirements
- respectful behaviour towards a casualty

- considerations when performing resuscitation including:
- airway obstruction due to body position
- appropriate duration and cessation of CPR
- appropriate use of an AED
- assessment and interpretation of vital signs (respirations, temperature and pulse)
- benefits, contraindications and complications with the use of an oropharyngeal airway
- chain of survival
- how to conduct a visual and verbal secondary survey assessment
- standard precautions

- considerations when providing supplementary oxygen, including:
- benefits, contraindications and complications of providing oxygen to a casualty and of providing suction during the application of advanced resuscitation techniques
- complications with the use of a bag-valve-mask device and suitable strategies to minimise these
- selection and operation of oxygen masks and other appropriate delivery devices

- basic anatomy, physiology and toxicology as it relates to the provision of advanced resuscitation, including:
- basic electrical activity associated with normal and abnormal heart rhythm
- how to recognise a person is not breathing normally
- relevant organs of the cardio pulmonary system and their operation
- response/level of consciousness
- upper airway and effect of positional change

- methods for cleaning, replenishing, recharging and maintaining resuscitation and oxygen equipment including:
- actions to rectify problems
- procedures to ensure operational readiness
- storage, cleaning, decontamination and safe disposal of consumables
- troubleshooting to identify minor and major faults