

Wind Turbine Learner Outcomes

Emergency Evacuation Techniques

Industry : Wind turbine staff & sub contractors who work on wind turbines or associated structures.		
Sectors: All technicians & wind turbine staff, as required, work at height on wind farm structures.		
Competencies: Partial completion of Undertake vertical rescue PUASAR004A & incident management component of MNMG237A & CPCCCM1006A Working safety at heights; BCPRF2001A & CPCPCM2015A Work safely on roofs and has been customised for wind energy / turbine industry.		
Pre-requisites: Wind Turbine Ladder Evacuation Techniques WPR002		
<p>Course Description</p> <p>This one day course is designed to provide staff, subcontractors with the knowledge and skills for emergency evacuation techniques from the nacelle and hub areas in wind generator tower.</p> <p>Competency at this level involves the application of knowledge and skills to generator tower & associated structures. The course emphasises evacuation from the nacelle or hub areas of the wind generator towers when egress internally is not available. Competencies are listed below.</p>		
L1	Competent at evacuating the nacelle	<p>1.1 Is competent selecting, checking & maintaining equipment associated with emergency evacuations from a nacelle.</p> <p>1.2 Is competent at identifying & choosing an appropriate anchor point for the evacuation.</p> <p>1.3 Competent at completing all personnel and rigging safety checks.</p> <p>1.3 Is competent a completing a descent from the nacelle using a auto braking descender and or controlled descent device.</p>
L2	Competent at evacuating the hub (this is usually done as part of a refresher training if WPR300 is only a 1 day	<p>2.1 Is competent selecting, checking & maintaining equipment associated with evacuating the nacelle.</p> <p>2.2 Is competent at identifying & choosing an appropriate anchor point for the evacuation.</p> <p>2.3 Is competent a completing an assisted abseil from the nacelle.</p> <p>2.4 Is competent a lowering a casualty / co-worker from the hub.</p>
L3	Competent at cleaning up a evacuation site	<p>3.1 Demonstrate how to clear and dispose of or recycle materials in accordance with state or territory legislation and workplace procedures after an emergency evacuation.</p> <p>3.2 Document the cleaning, checking, maintaining and storage of tools and equipment in accordance with manufacturers' recommendations and workplace procedures after an emergency evacuation.</p> <p>3.3 Demonstrate how to complete the documentation in accordance with workplace requirements.</p>

A. RANGE OF VARIABLES

- Rescue requirements will vary according to site limitations and compliance site procedures.
- Techniques taught are based on wind farm rescue and PPE at the time of training.
- Personal protective equipment may include steel cap boots, hard hat, ear protection, protective eyewear, cut resistant trousers, high visibility clothing, gloves, helmets with face masks, and sun protection
- Worksite communications may be facilitated by supervisor, trainer, or other workers.