

Number of Rescuers Required = 4  
Training Requirements = WAH/Confined Space Rescue

Potential Scenario: Employee or contractor working within blade experiences medical implications and becomes immobile, or incident renders personnel immobile

**1<sup>st</sup> Phase – Siemens Response Team**

**Equipment**



Radio



Enhanced First Aid Kit



Defibrillator



WAH Rescue Kit (IKAR CRD)



Rescue stretcher



50m Rope Bag



Hand Ascender



Anchor Strop

**Likely Cause**

- Human Error ✓
- Equipment Failure ✓
- Natural Occurrence ✓

**TEAM MEMBER ACTIONS**

**1** Arrival on Scene - Casualty Care/ Rescuer Safety: SRT to ensure it is safe to enter the blade area to assist casualty. Liaise with employees on scene and carry out DRA to determine cause of incident and verify atmosphere is safe to enter and that all structure is secure/stable. If safe to do so, assess injuries & condition of casualty in situ, and carry out appropriate basic life support (airway, breathing, circulation, control bleed) **Time Critical Conditions or Serious Injuries will require immediate 999 call for assistance**

**2** Rescue Planning: Formulate a rescue plan and communicate plan with all rescuers on scene. Plan evacuation route for casualty extraction, remember, rescue should be casualty focused, and Injuries or condition will dictate rescue method, route & speed of rescue (time critical /snatch rescue or controlled rescue)

**3** Rescue Phase: Select appropriate rescue plan:-  
1. Treat, Package, Extract casualty to blade entry point, then transfer to treatment area or nearest emergency exit point to meet ambulance  
2. Recover casualty from blade tip using strop then proceed as above

**4** Rescue Stretcher: Rescue Phase may require the casualty to be packaged into the rescue stretcher. Insert medical long board into rescue stretcher by separating Velcro at head end of stretcher, this will offer rigid support/stabilisation for casualty's injuries e.g., broken leg and protect casualty over sharp or uneven surfaces during extraction phase. Note - Refasten both RED straps at head end of stretcher



**6** Rescue Phase – Restricted Casualty Recovery If casualty is unresponsive and in restricted blade area (only lower limbs accessible to rescuer) use choked anchor strop fastened around casualty's ankles and 50m rope to retrieve casualty to wider section of blade to allow casualty assessment and extraction from blade



**Info & Comments**

- All SRT personnel entering risk area (outside collective barriers) must wear a fall arrest harness, and appropriate fall arrest device to aid rescue and mitigate risk from a fall from height, includes vertical ladders or open/unguarded structure
- Rescue & First Aid equipment to be collected from designated area and brought to scene using rescue trolley
- Work colleagues on scene to update SRT as soon as possible, to ensure appropriate rescue/medical response can be mobilised to scene. Serious injury or Time Critical conditions will require 999 response
- **Time Critical** is defined as life threatening and detrimental to casualty if immediate action isn't taken e.g., Heart attack, Cardiac Arrest, Major Bleed etc.

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Anchor Strop

## TEAM MEMBER ACTIONS

Rescue Phase – Secure Casualty  
Place casualty into rescue stretcher (as required), secure all straps including integral harness. Connect 50m Rope with karabiner to both red handles at head end of stretcher.

Rescue Phase – Secure Casualty



Rescue Phase – Rescue System Checks  
Once casualty is secured into rescue stretcher/onto 50m rope, SRT personnel to pass rope to SRT members at blade entrance. Attach hand ascender ready to haul. SRT to reassure casualty, re-check injuries/condition prior to hauling/lowering. Check security of all connectors & straps. Ensure casualty will not snag on blade fixtures/temporary stair structure or other hazards during rescue phase

Rescue Phase – Rescue System Checks



Rescue Phase – Haul /Extraction

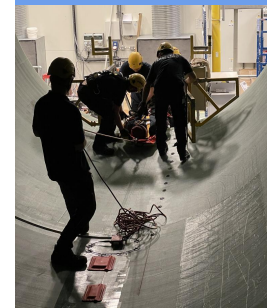
SRT to haul casualty/stretcher along blade surface using 50m rope, karabiner and hand ascender/s. If casualty is on raised web, SRT to manually lift casualty/stretcher down temporary stairs (minimum of 4

Rescue Phase – Haul/Extraction



Rescue Phase – Haul/Extraction

Repeat process for stair access at blade entrance. 50m rope, karabiner and hand ascender can be used to assist in lowering process



Treatment Phase –

Once casualty is removed from blade, transport casualty to treatment area or nearest emergency exit to rendezvous with Ambulance Service

### Info & Comments

- Casualty should be kept in horizontal position (slightly head-up) where practicable to avoid additional stress on casualty's body from the effects of gravity. Maintain constant casualty care throughout rescue operations
- All Rescuers to maintain safe system of work throughout rescue, 'work restraint' and 'fall arrest' lanyards must be used to avoid falls from height. Self-Team-Victim
- Rescuers to update First Response Team/Security and oncoming 999 emergency services of progress and casualty condition throughout rescue phase to ensure appropriate response to ongoing incident