

Intended for: People required to rescue a casualty from tower cranes or other tall structure, e.g. from a cab, crane structure, ladder, walkway or a casualty suspended from a lanyard after a fall. Complies with requirements of Construction Plant hire Association technical note TIN013 'Rescue of Personnel From Height on Tower Cranes'.

Introduction: Candidates will use a Constant Rate Descender device (CRD) to lower a casualty to a safe location.

Includes information on the selection of anchorages, safe descent path, casualty care and the need for correct handling of casualty who is suffering from the effects of suspension.

Practical exercises include the use of a casualty harness, stretcher and extension pole.

CONTENT

Knowledge: Awareness and understanding of CRD contents and function
Pre-use checks of equipment
Selection of suitable anchorages
Abrasion and edge hazards
Elementary pulley theory
Choosing a safe rescue path (projections, wind etc.)
Medical dangers of suspension
Casualty handling

Practical skills: Fitting a casualty harness
Fitting a casualty in a stretcher
Attachment to the casualty
Raising a casualty
Lowering a casualty
Use of tagline

Entry Requirements: This course is not intended to teach the elementary use of fall protection equipment. It is essential that all candidates are already competent in such use, including understanding how to fit and use a harness, the need for safe connection at all times and the use of energy absorbing lanyard. Candidates will be required to produce suitable valid certification prior to acceptance on course.

Medical Req: Physical fitness with no contra-indications for working at height. A self-certified statement of reasonable medical fitness will be required prior to attendance.

Assessment Method: The trainer will assess safety and competence during exercises
Short written assessment

Course Duration: 1 day **Candidate Ratio:** 1:6

Revalidation Period: Certification valid for 3 years.