

**Intended for:** This course is suitable for contracting staff, supervisors and managers who are concerned with access areas close to radio frequency transmission equipment used in the telecommunication industry. Classroom education.

**Introduction:** This course offers in depth knowledge on the effects of RF on the human body and the means of identifying danger areas.

The characteristics of various frequencies of radio hazards are explained, together with their effects on the body, methods of measurement and the tolerance limits suggested by national and international bodies.

Measuring equipment is demonstrated during the course.

### CONTENT

**Knowledge:** How RF is generated.  
Effect of RF on the body.  
Arcing, electric shock, re-radiation.  
Recommended levels of exposure.  
UK and international standards.  
Recognition of various antenna.  
Antenna exclusion zones.  
Completes Section 7 of climber competency booklet

**Practical skills:** Use of RF hazard meter

**Entry Requirements:** Minimum age 18 years.

**Assessment Method:** Attendance only.

**Course Duration:** 0.5 days

**Candidate Ratio:** 1:12

**Revalidation Period:** Certification valid for 3 years.