



## Wire Rope Socketing (Resin)

### Target Group

Those identified to carry out end termination of steel wire rope and those who are required to competently certify correct socketing procedure.

The aim of the course is to provide delegates with a thorough grounding of the legal requirements and safe working practices pertaining to resin socketing of wire ropes and to teach them the practical skills involved.

### Objectives

By the end of the course delegates will be able to:

- Identify Wire Rope types.
- Select the tools and equipment required for resin socketing.
- Carry out preparation successfully including the measuring, marking and cutting of the rope.
- Select a suitable socket for the job.
- Carry out resin socketing using approved methods and procedures.
- Mix resin in accordance with manufacturer's instructions
- Complete documentation

### Course Content

- Legal Requirements. A reference to all the legal documents underlining relevant responsibilities and applicable standards.
- Wire Rope Types. Recognition/identification & documentation.
- Socketing Applications. An explanation of various relevant socketing applications. Factors influencing choice, assessing the operation and socket selection.
- Socketing methods & procedures. Including preparation, measurements, serving etc.
- Mixing and pouring of Resin.
- Socketing practices with on-going assessment.
- Documentation

### Duration

1 or 2 Days dependant on experience and requirement

### Qualifications/Experience of Trainers

The course is presented by fully qualified, multi-skilled engineers and technicians all of whom have many years' experience of wire rope production and maintenance.

### Achievement Measurement

The course focuses on customers' specific requirements i.e. Type of wire rope to be socketed and experience of trainees attending. Trainers employ the practical methods of instruction, explanation, demonstration, imitation and practice with ongoing assessment leading to certification on successful completion.

### Special Requirements

Please advise type, construction and size of wire rope/strand used, if known, prior to booking.