

Trunking, Conduit and Wiring Systems Installation Course

Course code TS4U-TC

A two day course covering the waste less management of metal and plastic trunking and conduit for wiring systems.



This entirely practical course combines the Metal Conduit Course together with PVC Conduit, Plastic Trunking skills training and pre-wired busbar trunking systems.

Importantly it also includes skills training of the Wiring systems and techniques associated with single core wiring methods typically seen in industrial and commercial situations where termination and wiring methods differ greatly from the typical twin core and earth cables seen in domestic installations. It is also often and increasingly used in the delivery of data cables within office or warehouse and factory environments.

Black metallic enamel & plastic conduit and trunking is used in many industrial and commercial installations to protect and organise cable and wiring against mechanical stresses.

In order to avoid material wastage, incorrect practices and time wastage, taking training enables you or your staff to adopt best practices avoids all the costly pitfalls usually seen on site with untrained installers.

Plastic Trunking is installed in almost all office situations and non cable wiring systems are often adopted.

This short 2 day course which gives you the skills to successfully install this equipment so much used in commercial installations or outbuildings and garages in domestic circumstances.

Using pipe bending apparatus, accurate measuring, design techniques and good practice, ensure this course is a worthwhile financial addition to the contractors skill-set. Skills ensure you're competent when using in commercial or domestic installations.

What's included in this course?

- Pipe bending tools both metal and plastic
- Bending techniques
- Accurate measuring techniques
- Threading and joint boxes
- Fitting and support systems
- Cutting and fitting methods
- Single core wiring methods
- Design techniques

Certificate

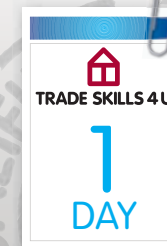
Candidates will be awarded a TS4U certificate of achievement.



Electricity at Work Regulations Course

Course code TS4U-EW

A 1 Day course which provides an insight into the use and application of the EAW Regulations 1989, to make the candidate aware of their duties under these regulations and the duties imposed on employers and employees.



This course would be particularly useful for Facilities maintenance people, existing electrical contractors, Health and Safety officers amongst many others.

What makes a person legally competent to do electrical work? In what way is the requirement for competency in electrical work more stringent than for other types of work? Who is responsible for ensuring that electrical tasks at work are carried out correctly? When is it legally permissible to work on live system? These are just some of the questions dealt with on this informative course – essential for all electrical engineers, electricians, supervisors – indeed anyone who works with electricity.

Course Objectives

On completion of the course, participants will have a thorough understanding of the current legal requirements regarding

- The concept of 'duty holder'
- Electrical systems, work activities and protective equipment
- The strength and capabilities of electrical equipment

- Electrical equipment in adverse or hazardous environments
- The provision of insulation, barriers, etc.
- Earthing, bonding and other means of protection
- The integrity of referenced conductors
- Suitability of electrical connections
- Protection from overload and short-circuit currents
- Disconnection and isolation of circuits
- Precautions for safe isolation
- Working live
- Working space, access and lighting
- The concept of 'competence' in electrical work.

Certificate

Candidates will be awarded a TS4U certificate of achievement.

