

BCSA CRAFT TRAINING

METAL DECKING (STUDWELDING)

The BCSA CRAFT Metal Decking Apprenticeship Scheme is a modular training course that is completed in the workplace. The modules will be used to guide the apprentice through the different aspects of the role of installing Metal Decking with the assistance of those with the skills and knowledge to guide the apprentice until they reach a satisfactory level of competence against each module. Completion of the apprenticeship will only be recognised when all the modules are completed and the apprentice has had sufficient time to develop and build experience in the role.

The learner will (know, understand or be able to):	The learner will cover:
1. Health and Safety	To be able to demonstrate good working practices to reduce exposure to any hazards associated with installing metal decking sheets with particular attention given to the risks associated with working at height. Be able to carry out work safely and leave the workplace in a safe and tidy condition. For site work the CITB Health, safety and Environment Test will be required.
2. Delivery and Site Arrangements	Understand the requirements for delivery and receipt of transported loads, their storage on site and positioning onto the structure to enable efficient progression of the metal decking installation.
3. Site Practice	Understand the different processes for accessing the working area and for carrying out the work in a safe and efficient manner. To recognise fall prevention methods for leading edges, voids and openings. How to maintain a safe place of work.
4. Installation of Metal Decking	To be able to follow the method statement and risk assessment to work safely to position, cut, shape and seal metal decking along with the edge trims and corner or shaped edges.
5. Tools used in operation	To be able to use the variety of tools and equipment required to move, cut, shape and secure the metal decking. To recognise where and how temporary propping is required for following trade operations.
6. Temporary Works	Understand how and where the use of lifting equipment will be required and the pre checks required to ensure the equipment can be operated safely. To be able to identify the additional health and safety requirements needed for the manual lifting operations and how others that may be affected when working in temporary locations.
7. Lifting Practices	To be able to demonstrate an understanding of the basic lifting practices, the correct accessories and storage of equipment.
8. Studwelding (Optional)	Understand the welding procedure specifications and how to set up the equipment based on the procedure. Control the cables and hoses in work area to give a safe and efficient operation. Remove all ferrules and maintain good housekeeping.

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