

## Level 2 Industrial Coatings Applicator **New Apprenticeship Standard**

At Skills Training UK we go further in fully understanding what it is that our employer clients want to achieve from their training. We work as their partner in delivering on that vision, developing stronger employees who work well as individual and as part of a team.



Industrial coating applicators play a key role in protecting the nation's infrastructure from deterioration. Their typical role will involve preparing the surface of new or existing steel structures to remove any contamination, mill scale, rust, or unsound existing coatings, and apply the appropriate corrosion coatings to a specific standard. Their work will often take place within a workshop, construction site or on site for the maintenance or refurbishment of existing steel structures.

### Employer Commitment

An employer must be prepared to provide the learner with the opportunity to carry out work and be part of projects that will enable them to produce substantial evidence towards their qualification. In order to ensure the successful progression of the learner we request that employers participate in joint reviews of the learner's progress at regular intervals throughout the Apprenticeship. This helps to ensure continued and positive progress and also provides the opportunity to discuss and agree how any issues are to be resolved and how additional stretching and challenging activities can be built in.

### Duration

The duration of this Apprenticeship is typically 18 months (although this can vary depending on the experience of the individual).

### Training and Support from Skills Training UK

Skills Training UK will work with the employer to develop a training plan for the Apprentice and our Trainer Assessor will visit the Apprentice within the work place at least once per month in order to support their learning and development. They will also be supported between visits by off-site information, advice, guidance, academic progress and technical competence support. We will ensure that all learning needs are being met in order to ensure successful progression against all elements of the apprenticeship.

### Eligibility

Apprentices without the functional skills level 1 English and maths will need to achieve level 1 English and maths and take the test for level 2 prior to taking their end-point assessment.

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## << How is the Coatings Applicator Apprenticeship delivered?

The Industrial Coatings Applicator Apprenticeship standard will be delivered through a series of on-site visits, classroom based and online learning modules. The delivery model will be flexible in relation to the requirements of the employer.

### Requirements: Knowledge, Skills and Behaviours

Below is a summary of the required knowledge, skills and behaviours for a Level 2 Coatings Applicator.

#### Knowledge

- Health and safety regulations including, methods of safe working, requirement for access systems and safe working at height, hazard identification and mitigation, and the health, safety and environmental implications of substances used.
- Legal requirements for protecting the environment.
- The need to address the areas that require protection from the high pressured projectiles and other contaminants released in the corrosion protection process.
- Types of industrial coating materials used and the different techniques and equipment used for surface preparation and coating application.
- The safe use of the non-powered / powered equipment and tools used.
- Causes of typical surface preparation and coatings defects - how they can be avoided and how they can be rectified.
- Quality documents, reporting systems and the need to keep basic records (e.g. work diary) and to do basic calculations (e.g. for material coverage and usage).

#### Skills

- Prepare and maintain working areas for undertaking work safely and effectively.
- Use established safe manual and mechanical handling techniques to move equipment, material and waste.
- Undertake the specified method of surface preparation of the steelwork and the specified method of protective coating application to the required standards.
- Interpret and work to method statements, specifications, inspection and test plans.

- Achieve the specified standard of work including the use of appropriate quality control measuring and test equipment, and instrumentation.
- Identify surface preparation and coatings defects, and rectify defective work.
- Identify and correctly use appropriate personal protective and respirator equipment ensuring that it is in good condition and working correctly.

#### Behaviours

- Have a questioning attitude to work including to understanding the processes used, associated industrial trades and the need to embrace change to ensure best practice.
- Be able to communicate effectively and work effectively with others.
- Be able to think logically using clear and valid reasoning when making decisions.
- Be motivated and accountable for following specified procedures and controls for planning and carrying out their work activities.
- Be accountable for their health and safety, and the health and safety of others.

#### Independent End Point Assessment

To successfully complete the apprenticeship, the learner needs to pass an End Point Assessment. This is an independent assessment which has several stages:

- **Practical test**
- **Professional discussion**

The EPA panel will comprise of an independent assessor and a representative from the employer.

#### Professional Qualification and Recognition

On completion of the Apprenticeship, the apprentice will receive Level 2 certification as a competent Industrial Coatings Applicator. Additional benefits may also be included as part of the Apprenticeship.