



Occupational Area:	Asset/Site – Industrial Coatings Applicator
Job Role Examples:	Industrial Coatings Applicator, Protective Coatings Applicator, Industrial Sprayer, Brush Painter, Blaster Sprayer, Blaster Painter, Industrial Painter
Role Overview:	
<p>Industrial coatings applicators within the engineering construction industry prepare the surface of new or existing steel structures, supports, vessels and tank internals to remove any contamination, mill scale, rust, or unsound existing coatings, and apply the correct protective coatings to specified standards. The work usually takes place within a workshop or a designated area of a construction site for new steel structures, and on site for the maintenance or refurbishment of existing steel structures. Industrial coatings applicators have expertise in the types of industrial coating materials used, and the different techniques and equipment required for surface preparation and coating application. They understand the causes of typical surface preparation and coatings defects, how they can be avoided and how they can be rectified.</p>	
Knowledge & Skills:	
<p>The industrial coatings applicator will:</p> <ul style="list-style-type: none">• Have the required competencies for the preparation of surfaces and the application of industrial coatings, to the required standard, while adhering to health, safety and environmental regulations and safe working practices, and taking into account environmental and sustainability considerations.• Understand the relevant legislative, regulatory and local requirements or procedures and safe working practices, including their responsibilities with regards to reporting lines and procedures.• Understand the preparation and reinstatement requirements in respect of the work area, materials and equipment, and the possible consequences of incorrect actions in these areas.• Be able to read and interpret relevant engineering drawings, related specifications, quality standards and equipment manuals, and to follow work instructions and relevant plans and schedules.• Understand which tools and equipment to use, and when, and will follow relevant training, methods and techniques and quality control and safety procedures for their use.• Understand their responsibilities for ensuring the care and security of tools and equipment used.• Be able to handle a range of digital information, technology and equipment to support work related tasks and to communicate information.	
Technical Competencies:	
<ul style="list-style-type: none">• TICA-P01 - Abrasive blast cleaning (direct pressure) - correctly select and set-up the blast cleaning equipment in a safe and efficient manner, undertaking checks to ensure that the equipment, and associated items such as power and blast media to be employed, is ready to use; check the surface condition of the item for pre-surface cleanliness.• TICA-A02 - Industrial coatings brush application - correctly select the equipment in a safe and efficient manner, undertaking checks to ensure that it is ready to use; check the cleanliness of the prepared item to be coated to ensure there is no contamination (dusts/debris); and maintain awareness of the environmental conditions throughout.• TICA-A01 - Industrial coatings airless spray application - correctly select and set-up the airless spray equipment in a safe and efficient manner, undertaking checks to ensure that the equipment, and associated items such as paint lines, spray gun/tip and safety devices are ready to use; check the cleanliness of the prepared item to be coated to ensure there is no contamination (dusts/debris); and maintain awareness of the environmental conditions throughout.	
Behaviours:	
<ul style="list-style-type: none">• Establish and maintain effective working relationships, communicate effectively, and work inclusively to deliver work within given specifications.• Demonstrate team working skills and interact with team members in a positive and professional manner.	



ROLE PROFILE Industrial Coatings Applicator

- Work within an overall risk control strategy which has been developed by safety specialists and includes detailed criteria for identifying risks, together with clearly defined procedures for action which must be followed.
- Take personal ownership of, and responsibility for, completing tasks and procedures.
- Follow procedures and relevant codes of conduct with integrity and rigour and complete actions and documents accurately and honestly.
- Identifying and reporting instances where procedures or work instructions cannot be met or where a variation in them is required.
- Deal promptly and effectively with problems within their control and report those that have been, and those that cannot be, solved.
- Take responsibility for supervising and mentoring others where appropriate.
- Demonstrate the ability to coordinate work scopes and sim ops effectively within a wider team, as required.
- Demonstrate effective handover of responsibility and equipment at the end of a task.
- Take responsibility and ownership of personal development, set targets to plan on how these will be achieved.
- Support operational requirements, achieve targets and maintain records as required, thereby minimising backlog and downtime.
- Maintain compliance with legislative requirements and company policies, procedures and standards.
- Maintain and demonstrate ongoing technical competence and skill set to current standards and updates.
- Support innovation and development for improvements.

Determining Work scopes:

Other categories of workers may be mobilised to complete certain stand-alone activities/work scopes within the protective coatings discipline. Relevant technical tests for those workers are identified below

- **Blaster** – Test Reference TICA-P01.
Candidate is not assuring ongoing technical competence for any coating activities.
- **Brush Painter** – Test Reference TICA-A02.
Candidate is not assuring ongoing technical competence for any surface preparation or airless spray activities.
- **Industrial Sprayer** – Test Reference TICA A01 & TICA A02.
Candidate is not assuring ongoing technical competence for any surface preparation activities.
- **Blaster Painter** – Test Reference TICA-P01 & TICA A02
Candidate is not assuring ongoing technical competence for airless spray activities.
- **Blaster Sprayer** – Test Reference TICA P01, TICA A02 & TICA A01
Candidate is assuring ongoing technical competence to carry out all of the above activities

Although appropriately qualified for these specific work scopes, it should be noted that without the full suite of Industrial Coatings Application tests the person should not be deemed as demonstrating full 'currency of competence' across the full Industrial Coatings discipline.

Where different sectors have additional specific competency requirements, these are also highlighted in the accompanying **Supporting Notes for Connected Competence**.



The Connected Competence standard role profile for an Industrial Coatings Applicator sets out the knowledge and skills, technical competencies and behaviours that are expected from a fully competent Industrial Coatings Applicator in any sector of the engineering construction industry. Attainment of these is achieved through training and on-site experience/exposure and is measured through standardised assessment. Once competence is achieved, regular testing ensures that ongoing competence is maintained.

This supporting document highlights additional requirements that are specific to any engineering construction sector.

Given the hazardous nature of the working environment, the overall risk control strategy for organisations within the offshore industry will usually require Industrial Coatings Applicator to be familiar with, and work within, a formal Permit to Work system. Compliance with a specific company or site safety management system (SMS) will also usually be required. Specialist safety training may also be required as a prerequisite in addition to role specific training.

Sector Specific Competency Requirements

OFFSHORE - OIL & GAS

Prerequisite/Premobilisation Qualification Requirements

Prior to embarking on the formal assessment cycle, an individual would be expected to have core trade qualifications as a minimum requirement:

- OPITO Blaster/Sprayer Level 1
Or
- Train the Painter Bronze
Or
- A valid Connected Competence knowledge-only test or superseded by valid technical tests ECITB TICA-P01 & TICA-A02 (2 modules)

NUCLEAR

Prerequisite/Premobilisation Qualification Requirements

Prior to embarking on the formal assessment cycle, an individual would be expected to have core trade qualifications as a minimum requirement:

- OPITO Blaster\Sprayer Level 1
Or
- Train the Painter
Or
- Protective Coatings Applicator or ICATS Protective Coatings Applicator
Or
- A valid Connected Competence knowledge-only test or superseded by valid technical tests ECITB TICA-P01 & TICA-A02 (2 modules)