



Australian Government

UEGNSG330 Coat metallic pipelines

Release: 1

UEGNSG330 Coat metallic pipelines

Modification History

Release 1. This is the first release of this unit of competency in the UEG Gas Industry Training Package.

Application

This unit involves the skills and knowledge required to inspect and test coating, and coat metallic pipelines in a utilities industry workplace, and complete work and relevant documentation in accordance with relevant legislations, codes of practice, regulations and workplace procedures.

It includes the use of testing and application equipment, applying the coating, undertaking coating defect assessment surveys and safe handling of chemicals/flammable liquids.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable

Competency Field

Utilities

Unit Sector

Utilities Industry

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to coat metallic pipelines

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1 Work health and safety (WHS)/occupational health and safety (OHS) workplace procedures and environmental measures for the site are identified, obtained and applied
- 1.2 Job requirements and workplace procedures for the work are obtained and discussed with relevant person/s

to confirm the work schedule

- 1.3** WHS/OHS, environmental and sustainable energy policies and procedures are obtained and applied in accordance with workplace procedures
- 1.4** Hazards are identified and reported to relevant person/s to assess risks and control measures implemented in accordance with workplace procedures
- 1.5** Scope of work and level of responsibility under the relevant work permits and/or relevant notifications are obtained and confirmed with relevant person/s in accordance with job requirements and workplace procedures
- 1.6** Equipment, plant, tools and personal protective equipment (PPE) required to coat metallic pipelines are identified, obtained and checked for operation and safety in accordance with workplace procedures and manufacturer instructions
- 1.7** Relevant person/s are consulted to ensure the work is coordinated effectively with others involved
- 1.8** Materials, plans, diagrams, drawings and resources required for the job are obtained and interpreted in accordance with workplace procedures
- 1.9** Responsibilities for first aid, emergencies and other related work safety procedures for an incident at the work site are checked and confirmed with relevant person/s
- 1.10** Third-party issues are referred to relevant person/s in accordance with workplace procedures
- 1.11** Site preparation, safety plan and work schedule are confirmed with relevant person/s in accordance with workplace procedures

2 Coat metallic pipelines

- 2.1** WHS/OHS and environmental risk control measures, schedule of work and workplace procedures for carrying out the work are followed
- 2.2** Materials, tools, plant, equipment and measuring devices are selected and used correctly and safely in accordance with manufacturer instructions and workplace procedures

- 2.3 Hazardous activities are conducted safely in accordance with WHS/OHS workplace procedures and job instructions
 - 2.3 Existing pipeline coatings are visually inspected to determine condition in accordance with workplace procedures
 - 2.4 Pipeline coating is tested using correct equipment to determine its condition in accordance with job requirements and workplace procedures
 - 2.5 Pipeline is prepared for coating in accordance with workplace procedures
 - 2.6 Pipeline is coated using correct equipment and materials in accordance with workplace procedures
 - 2.7 Work is carried out to the required standard, without waste of materials or damage to apparatus, circuits, and the surrounding environment or services using sustainable energy principles
 - 2.8 Hazard warnings and safety signs are recognised, hazards are assessed and WHS/OHS risks and incidents are reported to authorised person/s for directions in accordance with workplace procedures
 - 2.9 Unplanned events are referred to authorised person/s for directions in accordance with workplace procedures
 - 2.10 Quality checks of the work are undertaken in accordance with job instructions, industry standards and regulations
- 3 Complete work and relevant documentation**
- 3.1 WHS/OHS and environmental risk control measures for work completion are followed
 - 3.2 Relevant persons are notified of work completion in accordance with workplace procedures
 - 3.3 Work site is rehabilitated, cleaned up and made safe in accordance with workplace procedures
 - 3.4 Waste materials are disposed of safely in accordance with environmental policies and procedures
 - 3.5 Tools, equipment and any surplus resources and materials are cleaned, checked and securely stored in accordance with workplace procedures

- 3.6** Work completion documentation is completed and provided to relevant person/s in accordance with workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEG Gas Industry Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEGNSG330A Coat Metallic Pipelines.

Links

Companion Volume Implementation Guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6a6c032e-ffcb-4f3d-8063-415efbd261e8>