



Australian Government

Assessment Requirements for TLIX0022 Decommission fuel storage and dispensing systems

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least two separate occasions and include:

- planning and coordinating work on a site that has variable hazardous areas
- managing work involving multiple specialist contractors
- identifying existing site services
- communicating with relevant person/s to obtain and confirm work requirements
- reviewing and applying safe work method statements (SWMS) for all work
- working with relevant engineering consultants to develop/confirm proposed excavation plan and required structural support as may be required
- isolating fuel system
- ensuring excavations are completed by appropriately skilled personnel in accordance with project specifications and site conditions
- gas-freeing fuel system and preparing it for transport or make arrangement to transport a hot tank
- remediating site in accordance with workplan, specifications and relevant regulation
- disposing of fuel storage tanks, decontaminated and contaminated materials in accordance with industry standards and regulatory requirements
- completing site testing and any additional work required in response to test results in accordance with industry standards and regulatory requirements
- coordinating work activities with others
- monitoring work and adapting as required
- completing workplace documentation and reporting.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- organisational communication protocols
- relevant permit types

- classification of hazardous zones
- safety requirements and emergency procedures
- site-specific hazardous areas/zones and determining minimum distances
- requirements for:
 - working in different weather conditions
 - working in confined spaces
 - working at heights
 - traffic management
 - lock-out/tag-out procedures
 - isolations
 - site signage
 - atmosphere testing
 - spill management
 - 'in-date' inspection tags
 - dealing with local emergency services
 - tool and equipment checks
 - approved contractor certification/licencing
- process for determining excavation depth for different systems
- engineering input required for excavations
- job safety analysis (JSA), safe work procedures (SWP) and SWMS
- implications of changes to site conditions during work activity
- methods for managing any ground contamination known in advance or found as work progresses
- different types of fuels and their associated hazards
- different materials and equipment required for the work and their associated hazards
- work health and safety (WHS)/occupational health and safety (OHS) requirements for potential lead contaminated materials and equipment
- site remediation requirements including sourcing fill and accelerated bio-remediation practices
- fuel testing and sampling techniques
- spill management
- tank inspection techniques
- Australian Standards related to certification of reporting for decommissioned fuel systems, destruction/disposal of tanks and waste disposal certificates
- solid and liquid waste certificates
- certification of reporting to local Environment Protection Authority (EPA) regulations
- certification of reporting to local Development Approval (DA) conditions
- jurisdictional EPA and/or local government licences for removal, transport and disposal of fill and/or potentially contaminated fill from site
- jurisdictional Service Station Licensing requirements.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation including legislation, regulations, codes of practice, workplace procedures, sample work permits and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>