Assessment Requirements for TLIB3095 Check and repair points and crossings

Release: 2

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Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor statement changes in Assessment Conditions.

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 and performance criteria on at least three separate occasions and include:

- applying relevant workplace procedures
- cleaning and adjusting components, and/or preparing and installing components
- completing relevant documentation accurately and to required workplace standards
- determining work requirements and work methods
- identifying defects in special track work affecting safe operation
- identifying faults and appropriate repair methods
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- identifying/locating defects in points and crossings
- implementing contingency plans
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- reading and interpreting relevant instructions, procedures, information, technical data, standards and drawings
- reporting and/or rectifying identified problems, faults or malfunctions in accordance with regulatory requirements and workplace procedures
- selecting and applying appropriate lubricants in accordance with safety data sheets (SDS)/material safety data sheets (MSDS) and/or manufacturer instructions and workplace procedures
- selecting and using appropriate installation and repair techniques and equipment to correct defects in points and crossings
- using appropriate equipment and methods to make accurate measurements on points and crossings
- working systematically with required attention to detail without injury to self or others, or

damage to goods or equipment.

Knowledge Evidence

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

- component replacement techniques
- defect tolerances and maintenance techniques
- defects that can occur in points and crossings
- documentation and record keeping requirements
- features and principles of operation of points and crossings
- hazards that may exist when checking and repairing points and crossings, and ways of controlling the risks involved
- installation and maintenance requirements for manual points equipment
- measurement techniques
- points and crossings rail industry standards
- problems that may occur when checking and repairing points and crossings, and action that can be taken to report or resolve these problems
- relevant clearances/tolerances specifications required when checking and repairing points and crossings
- relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- special maintenance requirements for points and crossings
- types of lubricants and SDS/MSDS and manufacturer instructions
- workplace procedures for checking and repairing points and crossings.

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.

Practical assessment must occur in an appropriate range of situations in the rail environment.

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:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation including workplace procedures, regulations, rail industry standards, codes of practice 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

Australian Industry Standards