



Australian Government

Assessment Requirements for FBPSUG2004

Operate tamping equipment

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has operated tamping equipment, in line with workplace contexts and demonstrated each of the following points at least once:

- checked operation of tamper equipment and identified and reported faults
- prepared materials for tamping operation
- applied safety procedures to prepare work area
- safely operated tamper to apply and compact ballast and lift and align track to specification
- correctly communicated workplace information to relevant authorities
- corrected abnormal or unacceptable tamping
- recorded track laying information
- cleared the work area and completed cleaning and storage tasks according to workplace requirements.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- site operating procedures and practices for construction and repair of railway systems
- steps in constructing/repairing track
- functions and operating principles of tamper equipment, including the layout and purpose of major air, hydraulic, mechanical and electrical systems relevant to equipment
- required operational checks and operating capacity of equipment
- track construction specifications
- the impact of tamper operation on track laying operations
- factors that can affect the tamper operation
- common problems related to tamping and corrective action

- key health and safety requirements for railway system construction in the workplace:
 - health and safety hazards and associated control measures
 - manual handling procedures
 - correct use of personal protective equipment (PPE)
- traffic control signage and communication procedures relevant to railway system construction
- workplace cleaning standards for the work area.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a cane rail system or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - materials handling equipment and relevant hand and power tools
 - tamping equipment and related equipment
 - ballast
 - trackwork
 - PPE
 - workplace information recording system
- specifications:
 - specifications, site and related project information
 - operating procedures and related advice on tamping equipment operation
 - workplace procedures for safe work practices.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>