



Australian Government

Assessment Requirements for FBPSUG1001 Install pre-ballast

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 installed pre-ballast for at least one given project in line with workplace contexts, and demonstrated each of the following points at least once:

- organised required materials
- checked equipment operation
- correctly selected, fitted and used personal protective equipment (PPE)
- correctly used signage and communications equipment
- safely operated pre-ballast equipment to lay and compact materials to the required location, width and thickness
- performed site clean-up, and stored materials, tools and equipment.

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:

- functions and basic operating principles of pre-ballast laying equipment
- common problems related to laying pre-ballast, and corrective action required
- the impact of the pre-ballast base on related track laying operations
- foundation specifications, including the materials used, thickness and compactness
- the steps involved in constructing/repairing track
- safe work procedures:
 - hazards and control measures related to laying pre-ballast
 - key health and safety requirements in the workplace
 - correct use of PPE
 - correct techniques for manual handling
- workplace cleaning standards for the work area
- requirements to liaise with and advise others in related work areas

- use of traffic control signage relevant to installing pre-ballast.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a cane railway system or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - spreader, roller and related equipment
 - materials handling equipment
 - base materials – typically gravel and stone
 - PPE
 - traffic control signage and communication equipment
 - workplace information recording system
- specifications:
 - site and related project information
 - relevant health and safety workplace documentation
 - operating procedures and related advice on equipment operation
 - workplace cleaning standards and procedures.

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>