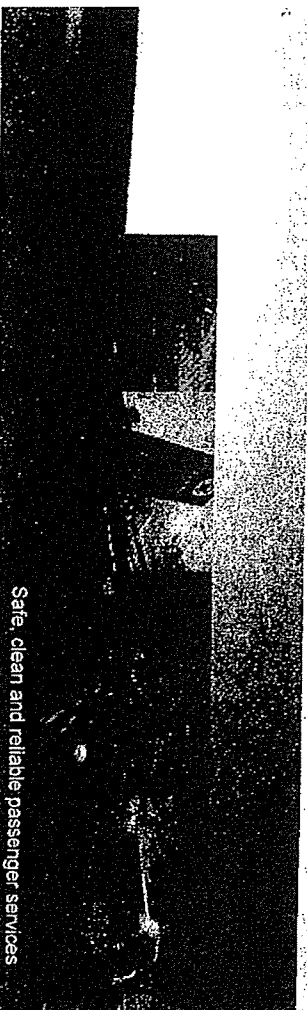


Rail Traction

EE80

Basic Rigging



Safe, clean and reliable passenger services

On Job Workbook

Version 1.1

Document Status

Title	<i>Basic Rigging On the Job Workbook</i>
Issued Version No.	<i>The version number to be issued to the L&D Training Manager (full version numbers only) i.e. v1.0 etc</i>
Date Issued	<i>Date the final approved version is handed over (not created)</i>
Date to be reviewed	<i>3 years from issue date (as a minimum)</i>
Business owner or Document Custodian	<i>Business Group: Asset Management, Electrical</i>
Authorised by:	<i>Leanne Knox, Manager Asset Ops and EP Training</i>

Document history

Version	Date	Author	Description of change (if change is a result of an audit/investigation, text must be marked with **)
V1.1	XX/XX/XX	V Jeffreys	Re-template to be consistent with QTMS

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3 - Manage loads

During this training you will learn how to manage loads, under the direct supervision of a qualified and experienced Electrical Traction Lineworker.

Task/Procedure	Demonstrate	Complete
Move and manage loads, including:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Inspect load connections and load movement.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Ensuring equipment is connected to the load and meets relevant Australian Standards and manufacturer's instructions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Use appropriate communications and signalling methods to co-ordinate the load in line with Australian Standards.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Move load and operate winches with due regard for load centre of gravity, access, obstacles, wind conditions and final resting place.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Use rigging gear in accordance with codes of practice/ compliance and advisory standards.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Erect safety nets and lines as necessary.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Place and secure loads, including:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Use appropriate materials for fixing and anchoring the load.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Fit temporary securing where there is high risk and differing weather conditions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Ensure design specifications are followed during the placement and securing of the load.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ensure the continuing stability of loads, including:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Ensure load stability is kept during load movement.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Identify and assess local conditions which may affect the continuing stability and implement suitable control measures.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Ensure the load and/or structure is completed to manufacturer's and designer's specifications to appropriate Australian Standards.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Competency assessment

After you have successfully completed the on job training you will undertake a period where you will be able to apply what you have learned prior to assessment of competence. During this period you should:

- perform all relevant tasks and procedures as often as possible across the full range of relevant conditions - for example, during daylight and at night, in different weather conditions, in different geographical locations and terrain, with different equipment
 - seek assistance and guidance as required
 - if necessary, maintain a log book
- When you and your supervisor believe you have had adequate opportunity to apply your knowledge and skills in the workplace, you should apply to complete EE80 Basic Rigging Final Assessment, where a workplace assessor will review your On Job Workbook and observe your skills in various aspects of basic rigging, such as:

Off Job Trainer Sign Off

Off Job Trainer:

Signature:

Andrew Sene

Date: *23/11/12*

Comments (e.g. activities in which the apprentice/trainee may need extra support)

More practice with rigging loads

1 - Plan for Rigging

During this training you will learn how to plan for rigging (involving power winches, capstans and rigging), under the direct supervision of a qualified and experienced Electrical Traction Lineworker.

Task/Procedure	Demonstrate	Complete
Develop a job method and sequence.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Interpret site plans, drawings and work specifications.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Identify, assess and control hazards associated with working with power winches, capstans and rigging.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
State statutory requirements for operating cranes, hoists and winches.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ensure safe access/egress.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Determine the mass and dimensions of loads.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Check instructions from load designer.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Training Assessment

Comments:

Learner's signature: 

On Job Trainer's Signature: 

Date: 3/11/14


2 - Select, inspect and repair tools


During this training you will learn how to select, inspect and repair tools, under the direct supervision of a qualified and experienced Electrical Traction Lineworker.

Task/Procedure	Demonstrate	Complete
Identify the types, construction, rating and usage of FSWR and slings.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Inspect appropriate rigging equipment, materials and tools.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Select, inspect and, if necessary, repair or dispose of natural and synthetic fibre ropes and chins and fittings.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Develop any special equipment required for the job.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Select and assemble sets of lifting gear to Australian Standards and codes of practice/compliance and advisory standards.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Calculate safe working loads and loadings on natural and synthetic fibre ropes, chains and fittings, tackle components and anchor points.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Training Assessment

Comments:

Learner's signature: 

On Job Trainer's Signature: 

Date: 3/11/14