### National Unit Of Competency

(Unit code and descriptor) and other Essential Education, Training and Evidence Requirements

<table>
<thead>
<tr>
<th>Rail Safety Work Descriptor</th>
<th>Designer</th>
<th>Checker</th>
<th>Approver</th>
<th>Independent Reviewer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Civil Infrastructure</strong></td>
<td>X</td>
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<tr>
<td><strong>Architectural</strong></td>
<td>X</td>
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<tr>
<td><strong>Rolling Stock</strong></td>
<td>X</td>
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### General Requirements

1. Either qualification is acceptable.
2. Any RSW on this matrix entering or working within Metro’s rail corridor will need to select the Around The Track Personnel & MTM Operator role and be compliant with these competency requirements before entering the corridor.
3. Rolling Stock (civil trade) technicians are captured by the AVA National Civil Trades matrix.
4. For architects this means you must be a Registered Architect (A.R.B.V).
5. For consultants relevant years of experience. A reduced level may be accepted (or increased level requested) based on demonstration of ability to perform specific role listed on Statement of Competence.
6. Substation, Essential Services and Electrical Networks requires a Bachelor of Engineering Electrical or Electronic. Masters must be in Electrical or Electronic Engineering.
7. Applies to Technologist or Associate category.
8. Endorsement and Approval Authority sits with Chief Engineer.
9. Registration as a Victorian Registered Building Practitioner.

### Engineering and Design, Version 5, 1 Nov 2017

<table>
<thead>
<tr>
<th><strong>Over Head Wire &amp; 22kV Transmission</strong></th>
<th><strong>Substation &amp; Power</strong></th>
<th><strong>Structures</strong></th>
<th><strong>Track &amp; Civil</strong></th>
<th><strong>Building Services</strong></th>
<th><strong>Architectural</strong></th>
<th><strong>Rolling Stock (3)</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Mechanical</strong></td>
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<tr>
<td><strong>Electrical</strong></td>
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<tr>
<td><strong>Communications</strong></td>
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</tbody>
</table>

**Recommended Relevant Experience:**

- **2 YEARS:**
  - X
  - X
  - X
  - X
  - X
  - X
- **3 YEARS:**
  - X
  - X
  - X
  - X
  - X
  - X
  - X
- **5 YEARS:**
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - X

X Mandatory
- Conditional - based on the type of work being undertaken

- Any RSW on this matrix entering or working within Metro’s rail corridor will need to select the Around The Track Personnel & MTM Operator role and be compliant with these competency requirements before entering the corridor.
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- Endorsement and Approval Authority sits with Chief Engineer.
- Registration as a Victorian Registered Building Practitioner.
- Please refer to LA-SQE-FDR-138 Record of Relevant Experience for SME registration details.