



## Signalling Designer & Tester Matrix, Version 1.1, Oct 2025

(This matrix directly relates to A12113 Interim Signalling Design and Test Competence Manual)

|                                                                                                                                     | Roles & Classifications | Design Roles                  |                           |                                               |                                                     | Test Roles                        |                                      |                                  |                                       |                                    |                                                 |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|---------------------------|-----------------------------------------------|-----------------------------------------------------|-----------------------------------|--------------------------------------|----------------------------------|---------------------------------------|------------------------------------|-------------------------------------------------|-------------------------------------------------|
|                                                                                                                                     |                         | Signalling Assistant Designer | Signalling Designer - NEW | Signalling Principles Designer (Scheme) - NEW | Signalling Principles Designer (Interlocking) - NEW | Signalling Assistant Tester - NEW | Signalling Verification Tester - NEW | Signalling Function Tester - NEW | Signalling Control Table Tester - NEW | Signalling Principles Tester - NEW | Signalling Tester in Charge (Minor Works) - NEW | Signalling Tester in Charge (Major Works) - NEW |
| (Unit code and descriptor)                                                                                                          |                         |                               |                           |                                               |                                                     |                                   |                                      |                                  |                                       |                                    |                                                 |                                                 |
| Rail Safety Worker (Y/N)                                                                                                            |                         | Y                             | Y                         | Y                                             | Y                                                   | Y                                 | Y                                    | Y                                | Y                                     | Y                                  | Y                                               | Y                                               |
| <b>Training and Evidence Requirements</b>                                                                                           |                         |                               |                           |                                               |                                                     |                                   |                                      |                                  |                                       |                                    |                                                 |                                                 |
| A valid National Signalling Design and/or Tester role <b>plus</b> the corresponding MTM role is required to work on the MTM Network |                         | M                             | M                         | M                                             | M                                                   | M                                 | M                                    | M                                | M                                     | M                                  | M                                               | M                                               |
| Introduction to Victorian Railway Signalling E-Learning Course                                                                      |                         | M                             |                           |                                               |                                                     | M                                 |                                      |                                  |                                       |                                    |                                                 |                                                 |
| Certificate of Completion.Basic Signalling Technology                                                                               |                         |                               | M                         |                                               |                                                     |                                   |                                      |                                  |                                       |                                    |                                                 |                                                 |
| Certificate of Completion.Intermediate Signalling Technology                                                                        |                         |                               |                           | M                                             |                                                     |                                   |                                      |                                  |                                       |                                    |                                                 |                                                 |
| Certificate of Completion.Advanced Signalling Technology                                                                            |                         |                               |                           |                                               | M                                                   |                                   |                                      |                                  |                                       |                                    |                                                 |                                                 |
| Certificate of Completion.Signalling Assistant Tester                                                                               |                         |                               |                           |                                               |                                                     | M                                 |                                      |                                  |                                       |                                    |                                                 |                                                 |
| Certificate of Completion.Signalling Verification Tester                                                                            |                         |                               |                           |                                               |                                                     |                                   | M                                    |                                  |                                       |                                    |                                                 |                                                 |
| Certificate of Completion.Signalling Function Tester                                                                                |                         |                               |                           |                                               |                                                     |                                   |                                      | M                                |                                       |                                    |                                                 |                                                 |
| Certificate of Completion.Signalling Control Table Tester                                                                           |                         |                               |                           |                                               |                                                     |                                   |                                      |                                  | M                                     |                                    |                                                 |                                                 |
| Certificate of Completion.Signalling Principles Tester - (2)                                                                        |                         |                               |                           |                                               |                                                     |                                   |                                      |                                  |                                       | M                                  |                                                 |                                                 |
| Certificate of Completion.Signalling Tester in Charge - Minor Works                                                                 |                         |                               |                           |                                               |                                                     |                                   |                                      |                                  |                                       |                                    | M                                               |                                                 |
| Certificate of Completion.Signalling Tester in Charge - Major Works                                                                 |                         |                               |                           |                                               |                                                     |                                   |                                      |                                  |                                       |                                    |                                                 | M                                               |
| <b>National / Network Job Roles that must be added to a RIW Cardholders Profile</b>                                                 |                         |                               |                           |                                               |                                                     |                                   |                                      |                                  |                                       |                                    |                                                 |                                                 |
| MTM - Operator                                                                                                                      |                         | M (3)                         | M (3)                     | M (3)                                         | M (3)                                               | M (3)                             | M (3)                                | M (3)                            | M (3)                                 | M (3)                              | M (3)                                           | M (3)                                           |
| Around The Track Personnel (Construction/Maintenance)                                                                               |                         | M (3)                         | M (3)                     | M (3)                                         | M (3)                                               | M (3)                             | M (3)                                | M (3)                            | M (3)                                 | M (3)                              | M (3)                                           | M (3)                                           |
| Signalling Assistant Designer - National                                                                                            |                         | M                             |                           |                                               |                                                     |                                   |                                      |                                  |                                       |                                    |                                                 |                                                 |
| Signalling Designer - National                                                                                                      |                         |                               | M                         |                                               |                                                     |                                   |                                      |                                  |                                       |                                    |                                                 |                                                 |
| Signalling Principles Designer - National                                                                                           |                         |                               |                           | M                                             | M                                                   |                                   |                                      |                                  | M1                                    |                                    |                                                 |                                                 |
| Signalling Assistant Tester - National                                                                                              |                         |                               |                           |                                               |                                                     | M                                 |                                      |                                  |                                       |                                    |                                                 |                                                 |
| Signalling Verification Tester - National                                                                                           |                         |                               |                           |                                               |                                                     |                                   | M                                    |                                  |                                       |                                    |                                                 |                                                 |
| Signalling Function Tester - National                                                                                               |                         |                               |                           |                                               |                                                     |                                   |                                      | M                                | M1                                    |                                    |                                                 |                                                 |
| Signalling Principles Tester - National                                                                                             |                         |                               |                           |                                               |                                                     |                                   |                                      |                                  | M1                                    | M                                  |                                                 |                                                 |
| Tester in Charge - National                                                                                                         |                         |                               |                           |                                               |                                                     |                                   |                                      |                                  |                                       |                                    | M                                               | M                                               |

**Matrix Code:****M** Mandatory**M1** Either accepted

**(1)** - The Signalling Tester in Charge Minor/Major Certificate of Completion is issued once the RSW has completed the relevant in-field assessment activities, and satisfactorily completed the Competence Assurance Interview convened by the MTM Head of Engineering – Signalling or delegate. Refer A12113 Section 8.1.1 for further information.

**(2)** - The Signalling Principles Tester Certificate of Completion is issued once the RSW has satisfactorily completed the Competence Assurance Interview convened by the MTM Head of Engineering – Signalling or delegate. Refer A12113 Section 8.2.1 for further information.

**(3)** - Any RSW on this matrix entering or working within MTM's rail corridor will need to select the 'Around The Track Personnel' role and the 'MTM Operator' role and be compliant with these competency requirements before entering the corridor. Similarly, RSW's working remotely and not entering or working in MTM's rail corridor, like Signalling Designers, do not need to hold these roles.

**Notes:**

All Certificate of Completions have 5 year validity