

Engineering Manual
Signalling and Control Systems

MN S 41412 Appendix

Survey of Engineering Competencies

Version 1.0

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Manual

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Document control

Version	Date	Author/ Prin. Eng.	Summary of change
1.0	28 May 2018	Mark Albrecht	New Sydney Trains format updated from RailCorp TMG SEC v1.1

Summary of changes from previous version

Summary of change	Section
<i>NOTE – If the final document is small enough for the 'Contents' and 'Document control' to fit on one page remove the page break between the existing pages 2 and 3. HOWEVER if the 'Document control' page carries over to a second page separate pages must be used for 'Contents' and 'Document control'</i>	
<i>If there are no changes or they are so minor that they will fit in the above table delete this table and its heading.</i>	

Table of Contents

Purpose	4
Instruction	5
Self Assessment Survey	6

1. Purpose

IMPORTANT

The self-assessment survey captures a candidate's own assessment of their qualifications, experience and competency.

This information will be formally reviewed, assessed and amended by a suitably qualified Assessor.

A Certificate of Competency will be issued to reflect the agreed competencies.

The objectives of this self-assessment survey are to:

- Provide a method of pre-registration of Signalling resources to work on Sydney Trains infrastructure.
- Provide data for the training needs analysis elements
- Provide evidence of capacity and capability for Sydney Trains.

Notes:

- The information requested is aligned with the evidence requirements for the signalling discipline, to become an accredited Signalling Licenced / Authorised person to work on Sydney Trains infrastructure and be issued with a Certificate of Competency.
- The back-up for the information requested in the survey should be in the form of a Log Book that can be assessed when applying for a position with Sydney Trains.
- Your immediate Supervisor's contact detail (at your Parent Organisation / previous place of employment) is required to enable confirmation of proficiency and currency of competency.

2. Instructions

This questionnaire is an interactive, electronic form.

a) Save the Survey Form

Save the form to an appropriate location.

Please do not change the filename, except to add your name (using capitals, with no spaces), e.g. John Smith saves it to his personal folder as '*Signal Electrical Installer Skills Survey Form_JohnSmith.docx*'

b) Complete the self-assessment survey

There are four (4) sections to be completed in this survey. Please follow any additional instructions provided at the beginning of the individual sections.

To check a check-box, double-click on the check-box to open the dialogue box. Change the Default Value to 'checked'.

c) Return the completed form to Sydney Trains

Email the completed self-assessment survey form to Sydney Trains at:
signalling&controlsysteintegrty@transport.nsw.gov.au.

d) Prepare relevant evidence of training and experience for interview

Identify and/or collate the back-up for the information requested in the survey so that it can be reviewed during the interview when applying for a position with Sydney Trains (e.g. identify pertinent entries in your logbook and collate appropriate evidence).

3. Self Assessment Survey

Personal Details

Name:

Contact No.:

E-mail:

Parent/Other Organisation:

Aurecon	<input type="checkbox"/>	Laing O'Rourke	<input type="checkbox"/>
O'Donnell Griffin	<input type="checkbox"/>	ARTC	<input type="checkbox"/>
Siemens	<input type="checkbox"/>	ODG	<input type="checkbox"/>
Downer	<input type="checkbox"/>	CRN	<input type="checkbox"/>
John Holland	<input type="checkbox"/>	UGL	<input type="checkbox"/>
Ansaldo	<input type="checkbox"/>	Other	<input type="checkbox"/>

Supervisor: *(only for Parent Organisation)*

Name:

Contact Details:

Qualifications and Experience

Please use the tick boxes below to record all relevant qualifications and experience.

Note that evidence of qualifications (e.g. copies of certificates, transcripts, cards, or statements of attainment) should be brought to a recruitment/assessment interview and may be requested at a later date for formal assessment.

Where additional information is requested, please state:

- currency (current/expired)
- relevant railway authority/company
- state/country

Formal Qualifications – Australian Qualifications Framework (AQF)

<input type="checkbox"/>	Cert III Qualifications (<i>please specify</i>)	<input type="checkbox"/>	Graduate Certificate – Railway Signalling (<i>please specify</i>)
<input type="checkbox"/>	Bachelor's Degree (or equivalent) (<i>please specify</i>)	<input type="checkbox"/>	Graduate Diploma – Railway Signalling (<i>please specify</i>)
<input type="checkbox"/>	Cert IV Qualifications (<i>please specify</i>)	<input type="checkbox"/>	Post-graduate Diploma / Certificate – Railway Signalling (<i>please specify</i>)
<input type="checkbox"/>	Other (example, attained outside Australia)	<input type="checkbox"/>	Masters – Railway Signalling (<i>please specify</i>)
<input type="checkbox"/>	Doctoral Degree – Railway, Communications, Electrical, ICT related (<i>please specify</i>)		

Rail Safety Training

<input type="checkbox"/>	RISI (<i>specify expiry date</i>)	<input type="checkbox"/>	WHS General Construction Induction Training Card (GIT Card)
<input type="checkbox"/>	Introduction to Sydney Trains SMS	<input type="checkbox"/>	Statement of Competency (<i>please specify</i>)
<input type="checkbox"/>	RIW Card		

Rail -specific knowledge and/or Experience

<input type="checkbox"/>	Knowledge of NSW Rail Signalling Construction Standards/Guides/Codes
<input type="checkbox"/>	Knowledge of Relevant Aust./Int. Standards/Guides/Codes
<input type="checkbox"/>	Knowledge of Sydney Trains Signal Principles I
<input type="checkbox"/>	Knowledge of Sydney Trains Signal Principles II
<input type="checkbox"/>	Knowledge of Sydney Trains Signalling Safeworking Procedures (EI40)
<input type="checkbox"/>	Knowledge of Sydney Trains Signal Circuit Inspection & Testing (ST46)
<input type="checkbox"/>	Knowledge of Sydney Trains Access to and working safely in a live Signal Location (EI06)
<input type="checkbox"/>	Knowledge of Sydney Trains Control Systems (ATRICS)
<input type="checkbox"/>	Other (<i>Please specify</i>):

Other Relevant Qualifications

Technical Competencies

Signalling Construction Work

This section specifically refers to Signalling Construction work. For candidates from other areas please complete to give an indication of experience.

For each of the following competency areas/skills:

- Indicate if you have had Sydney Trains (ST) experience
- rate yourself on a scale from 0 – 3 (the following table provides the guidelines on the scale for rating of proficiency in a specific competency):

Definition of Levels of Competency

Proficiency	Description
Level 0	Novice
Level 1	Supervised Practitioner
Level 2	Practitioner
Level 3	Expert

Interpret Installation Requirements from Design

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signalling and/or Track Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Track Insulation Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circuit Books and Wiring Schedules
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Identify & Interpret Signalling conventions, symbols, terminology, etc
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signalling Construction Drawings and DSSs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signal Sighting Forms and Checklists
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installation Manuals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installation Standards & Method Statements
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Identify Required Tools, Plant & Test Equipment (approved, calibrated, etc)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Identify Required Materials, Replacement Equipment & Consumables

Working Safely in Locations and Equipment Rooms

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Safety for Signalling Personnel (eg Touch Potentials)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Access to Live Locs and Equipment Rooms
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Precautions to prevent accidental damage/interference to live signalling system
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Actions to take to identify and control hazards to live signalling system
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Working in New Locs and Equipment Rooms
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Working in Live Locs and Equipment Rooms
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stagework wiring in live Locs and Equipment Rooms
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Changeover wiring in live Locs and Equipment Rooms
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Personnel & Competence
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Safety Equipment & Clothing

Perform Installation (Circuits)

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Relay based Circuits
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SSI equipment and Circuits
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Microlok equipment and Circuits
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WESTRACE equipment and Circuits
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ATP equipment and Circuits
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signalling Power equipment and Circuits
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signalling and Power Cabling, access and termination
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Specialised Cables (ie Fibreoptic, shielded), access and termination
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Telecommunications equipment, modems & radios
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Using installation tools, labeling, wiring separation/segregation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vital and Non-vital equipment installation

Signalling Safe Working

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Attend derailments/Irregularities, assess situation, make safe
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Test & Inspect operational signalling infrastructure
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certify operational signalling infrastructure following maintenance or corrective action
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rerailing: electrified area
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rerailing: non - electrified area
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Release track locking
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Investigate and Repair Signalling Failures
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Disconnect operational signalling infrastructure
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perform temporary bridging as per maintenance procedures

Trackside Installation General

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signalling Power System
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compressed Air System
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydraulic System
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cable Route List Type*
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Detailed Site Survey

Trackside Installation and Termination of Signals

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signal Sighting
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signal Profiles
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LED Signals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lamp Signals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signal Route Indicators Type*
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Set up and Installation integrity checks Signals

Trackside Installation and Termination of Train Stops

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JA Train Stops
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JAH Train Stops
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Set up and Installation integrity checks Train Stops
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other List*.....

Trackside Installation and Termination of Points

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	84M Point Machines
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M3A Point Machines
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Electro-Pneumatic Points
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other List*.....
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Clawlocks
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spherolock
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Set up and Installation integrity checks Points

Trackside Installation and Termination of Track Circuits

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insulated Joints, Clearance Points
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CSEE Track Circuit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HVI (Jeumont) Track Circuit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other List*.....
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Track Insulation & Bonding
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tuning Units
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Impedance bonds
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Set up and Installation integrity checks Track Circuits

Trackside Installation and Termination of Earthing & Surge Protection

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Earthing & Surge Protection Equipment
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spark Gap Arrestors
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Routing of Earthing Conductors
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Different types of Earthing arrangements (MEN / Floating)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Set up and Installation integrity checks Earthing & Surge Protection

Installation and Termination of Rack Assembly and Wiring

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Layouts of Equipment Racks for Signalling Equipment Rooms and Locs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Equipment including terminals, Fuses, Relays, SSI, Microlok, TC Equipment & Power Supplies
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wiring & Termination onto equipment including terminals, Fuses, Relays, SSI, Microlok, TC Equipment & Power Supplies
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Separation of clean & dirty wiring for CBI installations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Set up and Installation integrity checks for wiring & Equipment in Signalling Equipment Rooms & Locs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Assist Installation/Changeover during Commissioning or Possession

Installation and Termination of Control Panels & Telemetry

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Control Panels List Type*.....
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Control Systems ATRICS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Control Systems List Type*.....
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Telemetry Systems List Type*.....

Installation and Termination of Power Supplies

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signalling Power Supplies

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Set up and Installation integrity checks for Signalling Power Supplies

Installation and Termination of ATP (ETCS)

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LEU / Balise Equipment
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Set up and Installation integrity checks for LEU / Balise Equipment

Perform Installation Testing

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perform Relay / Equipment/ Wire Analysis
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perform Wire / Null Count
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perform Bell Continuity Testing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perform Strap & Function Testing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perform Through Testing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perform Insulation Testing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perform Power Supply leakage Testing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perform Correlation Testing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perform Wiring Changeover Testing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Understand how to mark up testing documentation & certificates

Perform Commissioning Tests

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signal Aspect & Warning Lights
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Track Circuit Correspondence
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Test & Certify Equip.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Point Correspondence
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Set up & Adjust Equip.

Perform Decommissioning Tasks

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Understands the Requirements for decommissioning equipment
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Performs decommissioning of Signalling Equipment

Monitoring & Support the Installation Process

Proficiency					Competency
ST	0	1	2	3	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monitor & Provide feedback on quality of installation, documentation & standards (eg method statements, installation drawings, IWP, etc)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ensure the Testing & Commissioning documentation is completed (ITP, CWP, etc)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Understand the limits of competence & authority

Licences and Memberships

Please check any and all relevant licences currently held. If equivalent or other relevant licences are held, please provide details in the space provided at the bottom.

Professional Memberships

Please indicate the type/level of membership, where applicable.

<input type="checkbox"/>	IRSE Non-Corporate Member	<input type="checkbox"/>	AIPM Member
<input type="checkbox"/>	IRSE Corporate Member – Associate	<input type="checkbox"/>	CPEng
<input type="checkbox"/>	IRSE Corporate Member – Member	<input type="checkbox"/>	NPER
<input type="checkbox"/>	IRSE Corporate Member - Fellow	<input type="checkbox"/>	Other (please specify)

Sydney Trains or other Issued Licence or Authorisation

Note that evidence of qualifications should be brought to a recruitment interview.

<input type="checkbox"/>	Sydney Trains Electrical Mechanic 3.2	<input type="checkbox"/>	Sydney Trains Signal Electrician 4.3
<input type="checkbox"/>	Sydney Trains Electrical Mechanic 4.1	<input type="checkbox"/>	Sydney Trains Signal Engineer Field
<input type="checkbox"/>	Sydney Trains Authorised Person	<input type="checkbox"/>	Sydney Trains Circuit Tester
<input type="checkbox"/>	Other (please specify) Note: Please record IRSE licences on the following page.		

AIPM Certificates

<input type="checkbox"/>	CPPM Project Manager	<input type="checkbox"/>	CPPD Project Director
<input type="checkbox"/>	QPP Project Engineer (in Railway context)	<input type="checkbox"/>	Other (please specify)

IRSE Licence/s

Please specify any IRSE licences held:

Title	Version	Start Date	Expiry Date

Additional Information

Please provide any additional information you consider relevant.

Submit Completed Self-assessment Form

Date of self-assessment: _____

Check:

Have you saved the file with the correct filename, i.e. 'Signal Electrical Installer Skills Survey Form_JohnSmith.docx'?

Submit completed form to: signalling&controlsintegrity@transport.nsw.gov.au