Sydney Trains



Engineering System Integrity

Engineering Procedure

Signalling and Control Systems

PR S 43001

Carry out an Inspection in a Live Signal Location (SCP01)

Version 1.1

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Professional Head Approved Authorised **Engineering Technical** Signalling and Control Systems **Publications Manager** by: by: **Engineering System Integrity**

System Integrity

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Document control

Version	Date	Author/Prin. Eng.	Summary of change
1.0	28 May 2019	Mark Albrecht	First issue as Sydney Trains document
1.1	13 December 2022	David Mulley	3-year review: no changes to technical content. Date and version number updated

Summary of changes from previous version

Summary of change	
TAE40110 updated to TAE40116 to reflect current version	

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1 Carry out an Inspection in a Live Signal Location (SCP01)

This unit covers the procedure and the current requirements for the authorisation of personnel to carry out an inspection in a live signal location.

1.1	Item	1.2 Details
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1	Prerequisites	Refer to Engineering Standard Signalling & Control Systems Competency Standard ST S 43001
2	Application	Candidate submits request for authorisation for carry out an inspection in a live signal location
		Prior to assessment, candidates will submit:
		 Portfolio of documentary evidence of appropriate training and qualifications held
		Copies of log book pages showing relevant on-track experience (or in default, a verified CV extract showing when the relevant experience was achieved) as described in MN S 41412
3	Assessment requirements	The candidate shall be able to:
		Demonstrate Technical competencies as described in Engineering Standard Signalling & Control Systems Competency Standard ST S 43001
4	Assessment	The assessment is in two parts:
	Desktop assessment	By review of the Candidate's portfolio of evidence and by responses to questioning by the assessor, they demonstrate knowledge and understanding of carry out an inspection in a live signal location
	Hands-on assessment	Candidate demonstrates ability to undertake carry out an inspection in live signal locations as described in the Engineering Manual Signalling & Control Systems Competency Assessment Tool MN S 43001
5	Competence Assessor	These requirements shall be assessed and certified by persons having the requisite assessment qualifications (i.e. Cert IV TAE40116 or equivalent)

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1.1	Item	1.2 Details
6	Assessment Outcomes	Based on the evidence provided in the documentary materials provided, the desktop assessment and the hands-on assessment, the candidate is assessed to be:
		Not ready for assessment
		The candidate was not adequately prepared for the assessment, lacks prerequisites or requires significant additional training and experience
		These deficits should be addressed before re-applying for assessment
		Not yet competent
		The candidate lacks one or more elements to be assessed competent
		The candidate may be reassessed on the missing elements as soon as they can be prepared
		Competent to work under supervision
		The candidate has demonstrated all prerequisites and skills at a basic level, but has not shown a sufficient level of mastery to be able to perform effectively without guidance
		Competence can be granted on the basis of a satisfactory supervisor's report, following a period of work under supervision
		Competent
		The candidate has satisfied all requirements
7	Candidate debriefing	Assessor debriefs the candidate on the outcomes of the assessment, the elements (if any) in which they were found to be not yet competent, and their options for future re-assessment or appealing the outcome
8	Reporting & records	Assessor arranges for notification to the candidate's supervisor and, if the candidate was assessed competent, the issue of a Certificate of Competency and advice to the Principal Engineer Signalling Integrity to enable updating of RG S 41415

1.1	Item	1.2 Details
9	Reference Documents	 ST S 43001 Carry out an Inspection in a Live Signal Location Competency SCS01 Standard MN S 43001 Carry out an Inspection in a Live Signal Location Assessment Tool SCT01 Signals Authorised Person Certificate of Competency