

Ref:	NR/L2/CTM/012/056
Issue:	1
Date:	03 September 2011
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NR/L2/CTM/012/056 Competence and Training in Signal Engineering

SIG 56: G110 Test Schedule Author/Checker

1. Purpose.

The purpose of this competence standard is to define the competence requirements for persons (G110 Test Schedule Authors) required to undertake the planning, preparation and production of non-conceptual or emergency testing schedules; and for persons (G110 Test Schedule Checkers) required to undertake independent checking of the non-conceptual or emergency test schedules.

2. Scope.

This competence standard applies in all circumstances where any person is required to prepare, check or approve a test schedule for non-conceptual or emergency testing activities for use on Network Rail managed infrastructure.

The Test Schedule Author has overall responsibility for the planning of testing and production of the non-conceptual or emergency testing schedule in line with the requirements laid out within NR/L2/SIG/30014/G110; Signalling Non-Conceptual Works and Emergency Testing, using the approved test schedules provided in NR/L2/SIG/30014/G120 Test Schedule Template for Type.

The Test Schedule Checker requires to be independent of the Test Schedule Author and is responsible for confirming that the test schedule is fit for purpose, addressing any anomalies and gaining agreement for any recommended changes with the Test Schedule Author.

3. Competence standard.

This competence standard comprises a single element.

Element 1: Plan the non-conceptual or emergency testing activity

The element is concerned with the gathering of information, specifying methods and procedures, planning and confirmation that factors and procedures for implementing non-conceptual or emergency testing activities are suitable. Production, collation of and distribution of test schedules and other relevant documentation.

4. Competence pre-requisites

Competence requires to be held as an SMTH tester, including SFI Level 2 testing, and SMTH Method statement writing for G110 Test Schedule Author/Checker or have experience in an role where they have demonstrated an equality of competence in signal works testing or works delivery. All candidates shall be selected for their particular role by their line manager through the use of an appropriate selection process.

The G110 Test Schedule Author/Checker shall, at the same time maintain auditable evidence in readiness for future re-assessments in accordance with this module.

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5. Assessment.

5.1. Initial assessment

Evidence shall be used from the initial G110 Tester Schedule Author/Checker training and mentoring assessments to determine the competence level of the candidate, and from the candidate undertaking G110 Tester Schedule Author/Checker activities.

5.2. Re-assessment

Competence shall be re-assessed as a minimum every 2 years. G110 Test Schedule Author/Checkers shall additionally undergo assessment periodically in order to retain their competence. Employers can have their own additional assessment processes, and shall arrange for suitable surveillance of G110 Test Author/Checkers.

5.3. Knowledge evidence that is common to the whole unit.

Candidates shall have knowledge and understanding of:

- a) what information is required, where it can be obtained and how to establish its currency and authorisation;
- b) what signalling principles and design and installation procedures apply to the system;
- c) what are the regulations and guidelines that are relevant;
- d) how to establish the extent and limits of testing;
- e) what testing methods are applicable to the work to be completed and how much time and resources they require.