

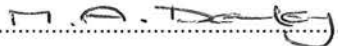
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Issue:	20
Date:	5 th March 2016
Compliance date:	4 th June 2016

Level 3

Index of Track Engineering Forms

Endorsement and Authorisation

Endorsed by:



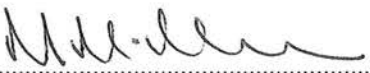
Melanie Denley, Working Group Chair

Authorised by:



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Accepted for issue by:



Mick McManus, National Standards Manager

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User information

This Network Rail standard contains colour-coding according to the following Red–Amber–Green classification.

Red requirements – no variations permitted

- Red requirements are to be complied with and achieved at all times.
- Red requirements are presented in a red box.
- Red requirements are monitored for compliance.
- Non-compliances will be investigated and corrective actions enforced.

Amber requirements – variations permitted subject to approved risk analysis and mitigation

- Amber requirements are to be complied with unless an approved variation is in place.
- Amber requirements are presented with an amber sidebar.
- Amber requirements are monitored for compliance.
- Variations can only be approved through the national non-compliance process.
- Non-approved variations will be investigated and corrective actions enforced.

Green guidance – to be used unless alternative solutions are followed

- Guidance should be followed unless an alternative solution produces a better result.
- Guidance is presented with a dotted green sidebar.
- Guidance is not monitored for compliance.
- Alternative solutions should be documented to demonstrate effective control.

Amendment marks

- First document amendments are presented with a single black line to the right of the affected text.
- Second document amendments are presented with a double black line to the right of the affected text.

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Issue record

Issue	Date	Comments
1 - 18	December 2006 - September 2015	Available on Connect
19	December 2015	New TEF 3258 Revised forms TEFs 3032, 3050 and 3246
20	March 2016	New TEFs 3260 and 3261 Revised forms TEFs 3056, 3068 and 3084 Number assigned for TEF 3259 Reference documentation updated

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 4th June 2016.

When this standard is implemented, it is permissible for all projects that have formally completed GRIP Stage 3 (Option Selection) to continue to comply with the issue of any relevant Network Rail standards current when GRIP Stage 3 was completed and not to comply with requirements contained herein, unless stipulated otherwise in the scope of this standard.

Reference documentation

NR/L2/SIG/19608	Level crossing infrastructure inspection and maintenance
NR/L2/TRK/001	Inspection and maintenance of permanent way
NR/L2/TRK/0053	Inspection and repair to reduce the risk of derailment at switches
NR/L3/TRK/1015/02	Track inspection by PLPR system
NR/L2/TRK/1054	Inspection, maintenance and repair procedures for cast, welded and fabricated crossings in the track
NR/L2/TRK/0132	Maintenance arc welding of rails, switches and crossings
NR/L2/TRK/1120	Management of rail testing using train based Sperry-equipped ultrasonic test unit (Sperry UTU)
NR/L2/TRK/2500	Engineering assurance arrangements for track engineering projects
NR/L2/TRK/3011	Continuous welded rail (CWR) track
NR/L2/TRK/3038	Longitudinal timbers – design, installation and maintenance
NR/L2/TRK/4040	Level crossing surface systems
NR/L2/TRK/5100	Management of fencing and other boundary measures

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NR/L2/TRK/5201	Management of lineside vegetation
NR/L2/TRK/6001	Renewals workbank management
NR/L2/TRK/6100	The installation and maintenance of stretcher bars
NR/L2/TRK/9016	Assessment of strength of rails with localised head loss
NR/L3/AIF/003	Asset data management for Ellipse and GEOGIS
NR/L3/RMVP/0201	Calibration work instruction manual
NR/L3/TRK/002	Track maintenance handbook
NR/L3/TRK/1014	Management of broken rails
NR/L3/TRK/1015	Management of basic visual inspection
NR/L3/TRK/1016	Managing the raising / removing of track speed restrictions and inspecting the line after track engineering work
NR/L3/TRK/1017	Inspection for raising/removing speed restrictions and inspecting the line after track renewal work
NR/L3/TRK/1018	Inspection for raising / removing speed restrictions and inspecting the line after track maintenance and refurbishment work
NR/L3/TRK/1101	Management of rail defect removal timescales
NR/L3/TRK/1102	Management of rail defects
NR/L3/TRK/3001	Ordering of switch and crossing components
NR/L3/TRK/3011	Management of rail stress and critical rail temperatures
NR/L3/TRK/3012	Management of hot weather precautions (track)
NR/L3/TRK/3013	Management of cold weather precautions (track)
NR/L3/TRK/3201	Management of tight clearances and track position
NR/L3/TRK/3260	Maintenance of an EPS (enhanced permissible speed) railway
NR/L3/TRK/3310	Re-gauging of switch units - Field face to field face method
NR/L3/TRK/3402	Welding process - repair of wheelburns and squats
NR/L3/TRK/3405	Recording of derailment site information
NR/L3/TRK/3407	Management of rail welding
NR/L3/TRK/3510	Rail friction management
NR/L3/TRK/4004	Switch and crossing assemblies
NR/L3/TRK/4041	Maintaining track assets at level crossings
NR/L3/TRK/6001	Management of a problem statement
NR/L3/TRK/7002	Reporting of permanent way asset failures
NR/SP/TRK/055	Rail Testing: Ultrasonic Procedures
NR/SP/TRK/1110	Qualification and certification of NDT personnel written practice - ultrasonic testing
RT/CE/S/130	Flash-welded rails – site-welded strings

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1 Purpose

This standard provides the index and version control to the Track Engineering Forms (TEFs) which shall be applied to meet the inspection, maintenance and renewals requirements of Network Rail track standards and the associated Standard Maintenance Procedures and Method Statements.

2 Scope

This Network Rail standard comprises a controlled list of TEFs, referenced to applicable standards. Each TEF forms a clause of this standard and is referenced as NR/L3/TRK/003/TEF3001 etc.

The TEFs define the necessary data to be captured and consistently presented to comply with the requirements of Network Rail standards applicable to track maintenance and renewal works.

3 Definitions

For the purpose of this standard, the following terms and definitions apply.

Supervisor

The Section Manager [Track] or equivalent who is responsible for monitoring, assessing and taking remedial action so that the track remains safe for operational use.

Version

Issue number of the TEF at the time of the index publication.

4 Use of TEFs

The TEFs shall be used where applicable for track maintenance and renewal works.

Completed TEFs shall be retained for the retention period shown in Clause 6 "Index of Forms". Where the retention period is shown as "until superseded", the TEF shall be retained for a minimum of 3 years or until superseded whichever is the longer.

5 Revisions to TEFs

When it is necessary to revise a TEF, the controlled list and TEF shall be updated in accordance with the appropriate change process described in NR/L2/EBM/STP001 "Managing standards".

NOTE: Changes to TEFs will be notified via the Chief Track and Lineside Engineer's Quarterly Briefing process for onward cascade. From time to time there will be instances when the version number on Connect is more recent than that identified in the index. The most recent version of the form should be the one used.