

Ref:	NR/L3/TRK/3407
Issue:	3
Date:	26 August 2008
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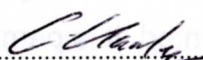
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Level 3

Management of rail welding

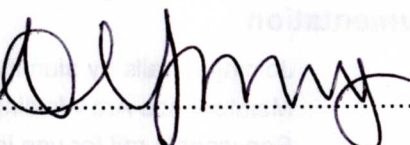
Endorsement and Authorisation

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Accepted for issue by:



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Issue record

Issue	Date	Comments
1	Feb 06	1 st Issue
2	Oct 07	Up issue to change SMF refs to TEFs. Reflects new numbering system and replaces previous NR/PRC/MTC/TK0081
3	Aug 08	Revised issue to remove references to WDPF and replace with specific references to Track Engineering Forms (TEFs). Additionally amended to reflect maintenance and engineering reorganisations. Renumbered from NR/L3/MTC/TK0081 to align with Track Engineering document numbering system

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 26 August 2008.

When this standard is implemented, it is permissible for all projects that have formally completed GRIP Stage 4 to continue to comply with the Issue of any relevant Network Rail Standards current when GRIP Stage 4 was reached and not to comply with requirements contained herein, unless the designated Standard Owner has stipulated otherwise in the accompanying Briefing Note.

Reference documentation

NR/L2/TRK/0032	Joining of rails by aluminothermic welding
NR/L2/TRK/0132	Maintenance Arc Welding of Rails, Switches and Crossings
NR/SP/TRK/002	Serviceable rail for use in running lines and sidings
NR/L3/TRK/1012	Management of manual ultrasonic inspection
NR/L3/TRK/003/TEF/3001	Plain line, wheelburns and squats assessment form
NR/L3/TRK/003/TEF/3002	Wheelburn removal assessment form
NR/L3/TRK/003/TEF/3003	Squat removal assessment form
NR/L3/TRK/003/TEF/3004	Welders work return – plain line repairs form
NR/L3/TRK/003/TEF/3005	Aluminothermic welding worksite planning form
NR/L3/TRK/003/TEF/3006	Aluminothermic welding installation form
NR/L3/TRK/003/TEF/3007	Aluminothermic welding non-conformance form
NR/L3/TRK/003/TEF/3008	Welders work return/worksite planning form – switch repairs
NR/L3/TRK/003/TEF/3009	Welders work return/worksite planning form – crossing repairs

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1 Purpose

This procedure applies to all aluminothermic and arc welding activities. It sets out the arrangements through which Network Rail complies with the minimum requirements for the management of rail welding on the permanent way, and of any consequent actions.

2 Scope

This SMP describes the activities which shall be implemented to confirm that the specification of site and rail conditions relating to both aluminothermic and arc welding are accurately defined and communicated effectively. This procedure also establishes the framework for technical and managerial review of weld quality.

This procedure does not cover the physical welding processes as defined in NR/L2/TRK/0032 – Joining of rails by aluminothermic welding and NR/L2/TRK/0132 – Maintenance Arc Welding of Rails, Switches and Crossings

Anyone in this document undertaking welding must have attended and passed a Network Rail approved training course and hold the relevant competency.

Anyone in this document undertaking weld inspection must have attended and passed a Network Rail approved training course and shall hold a valid certificate of competency.

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