



**GB involvement in the development of European Standards
in the field of Railway Applications**

TECHNICAL COMMITTEE CEN TC256

Introduction

This document contains an organisation chart showing the structure of CEN TC256, European Committee for 'Railway Applications' and its working groups, with equivalent GB mirror committees.

It also provides details of committee membership and lists the associated European Standards (ENs), for which each committee is responsible.



CEN TC256 Railway Applications	RAE/1
Scope: Standardization of all applications (except electrical and electronic subjects), in the field of railways, including urban transport, specifically intended for vehicles and fixed installations.	
Convenor: Cliff Cork, SNC Lavalin (UK)	Chair: Hugh O'Neill, RSSB
Secretary: Heike Kuhn (Germany)	Secretary: Louise Delaney, RSSB
GB reps: Hugh O'Neill, RSSB Geoff Mather, Chair SC2	RAE/1 experts: Cliff Cork, CEN TC256 Chair Bridget Eickhoff, RSSB Andrew McKenzie-Orr, Network Rail John Barber, RSSB Colin Robey, Urban Rail Martin Elliott, Ricardo Rail Graham Neil, LUL Mick James, Plasser Colin Scott, Bombardier Terry Johnson, RSSB Phil Sharpe, ORR Tim Shakerley, Freightliner David Buckley, Balfour Beatty Neil Gofton, RSSB Mark Molyneux, RDG Geoff Mather, Chair RAE/3 Nick Swift, Eversholt Rail (UK) Ltd Gareth Tucker, University of Huddersfield
CEN TC256 Standards	

TC256 WG1 Fire Protection	FSH/19
Scope: Standardization of performance requirements and test methods concerning fire safety of materials and components of railway vehicles.	
Convenor: Serge Metral (France)	Chair: Simon Ford, LUL
Secretary: Helene Plisson (France)	Secretary: Lucy Powell, RSSB
GB reps: Beth Dean, Beth Dean, Exova Warrington Steve Grayson, Interscience Comms John Hunter, BRE Suresh Kumar, InterScience Comms Peter Massingberd-Mundy, FIA David Tooley, Motts MacDonald Richard Nowell, Mott MacDonald Tony Cash, RIFA (certainly represents GB on TF meetings, not sure about WG1)	FSH/19 experts: Azizbek Kurbanov, Bombardier Peter Theobald, RDG Malcolm Mullins, BEAMA David Kind, Bombardier John Hunter, BRE Barry Nicholson, British Cables Assoc Mike Hagger, British Cables Assoc (in correspondence) Sarah Colwell, BRE (in Correspondence) Robert Tilthorpe, Chair FSH/18 (in



	<p>Correspondence)</p> <p>Lachlan Henderson, Arup</p> <p>Beth Dean, Exova Warrington</p> <p>Peter Massingberd-Mundy, FIA</p> <p>David Tooley, Mott MacDonald</p> <p>Suresh Kumar, InterScience Comms</p> <p>Cuthbert Chong, Interscience Comms</p> <p>Christine Lukas, Dow Chemical Company (in correspondence)</p> <p>John Carter, LUL</p> <p>Steve Grayson, Interscience Comms</p> <p>James Holland, RIFA</p> <p>Tony Cash, RIFA</p> <p>Richard Nowell, RSSB</p> <p>Elizabeth Lockwood, RIA</p> <p>Jan Jarvis, RIA</p> <p>Barbara Williams, RIA (in correspondence)</p> <p>Peter Taylor, RIA</p>
WG1 Standards	
prEN 16989 Railway applications - Fire protection on railway vehicles - Fire behaviour test for a complete seat	Formal Vote scheduled for November 2017.
prEN 17084 Railway applications - Fire protection in railway vehicles - Toxicity test of materials and components	CEN Enquiry closed in April 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 45545-1:2013 Railway applications - Fire protection on railway vehicles - Part 1: General	Published.
EN 45545-2:2013+A1:2015 Railway applications – Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components	Published.
EN 45545-3:2013 Railway applications - Fire protection on railway vehicles – Part 3: Fire resistance requirements for fire barriers	Published.
EN 45545-4:2013 Railway applications - Fire protection on railway vehicles - Part 4: Fire safety requirements for rolling stock design	Published.
EN 45545-2:2013+A1:2015 Railway applications - Fire protection on railway vehicles - Part 5: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and magnetic levitation vehicles	Published.
EN 45545-6:2013 Railway applications - Fire protection on railway vehicles - Part 6: Fire control and management systems	Published.
EN 45545-7:2013 Railway applications - Fire protection on railway vehicles - Part 7: Fire safety requirements for flammable liquid and flammable gas installations	Published.
EN 45545-2:2013+A1:2015 Railway applications – Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components	Published
EN 45545-5:2013+A1:2015 Railway applications - Fire safety on railway vehicles - Part XX: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and	Published



magnetic levitation vehicles	
TC256 WG3 Acoustics	EH/1/2
Scope: Standardization of measuring methods of noise inside and outside of railbound vehicles.	
Convenor: Fabien Letourneaux (France)	Chair: D Anderson
Secretary: Helene Plisson (France)	Secretary: Joanna Macnamara, BSI
GB reps: Chris Jones, Independent consultant Rick Jones, Independent consultant	EH/1/2 experts: Rick Jones, Independent consultant Chris Jones, Independent consultant
WG3 standards	
EN ISO 3381:2011 Railway applications - Acoustics - Measurement of noise inside railbound vehicles (ISO 3381:2005)	Published.
EN ISO 3095:2013 Acoustics - Railway applications - Measurement of noise emitted by railbound vehicles (ISO 3095:2013)	Published.
EN 15461:2008+A1 2010 Railway applications - Noise emission - Characterisation of the dynamic properties of track sections for pass by noise measurements	Published.
prEN 15610 Railway applications - Acoustics - Rail and wheel roughness measurement related to rolling noise generation	Enquiry scheduled between September & December 2017.
TR 15874:2009 Railway applications - Noise emission - Road test of standard for rail roughness measurement EN 15610:2009	Published.
EN 15892:2011 Railway applications - Noise Emission - Measurement of noise inside driver's cabs	Published.
CEN TR 16891:2016 Railway applications - Acoustics - Measurement method for combined roughness, track decay rates and transfer functions	Published
EN ISO 16891:2016 Test methods for evaluating degradation of characteristics of cleanable filter media (ISO 16891:2016)	Published.
TC256 WG6 Aerodynamics	RAE/1/-/4
Scope: Standardization of aerodynamical requirements and test methods for running in tunnels and on plain track for the safety of passengers and crew.	
Convenor: Peter Deeg (Germany)	Chair: Terry Johnson, RSSB
Secretary: Annegret Steinkopf (Germany)	Secretary: Roisin Mulvany, RSSB
GB reps: Chris Baker, University of Birmingham Terry Johnson, RSSB	RAE/1/-/4 experts: Martin Osman, RSSB Mick Bishop, Porterbrook Peter Theobald, RDG Chris Baker, University of Birmingham David Soper, University of Birmingham Alan Walters, Bombardier Julian Staden, Network Rail



	John Lane, RSSB Hayley Farmer, Virgin Trains Roger Gawthorpe,
WG6 Standards	
EN 14067-1:2003 Railway applications - Aerodynamics - Part 1: Symbols and units	Published.
EN 14067-2:2003 Railway applications - Aerodynamics - Part 2: Aerodynamics on open track	Withdrawn in 2013.
EN 14067-3:2003 Railway applications - Aerodynamics - Part 3: Aerodynamics in tunnels	Published.
EN 14067-4:2013/prA1:2017 Railway applications - Aerodynamics - Part 4: Requirements and test procedures for aerodynamics on open track	CEN Enquiry scheduled between October 2017 – January 2018.
prEN 14067-5 rev Railway applications - Aerodynamics - Part 5: Requirements and test procedures for aerodynamics in tunnels	Drafting in progress.
prEN 14067-6 Railway applications - Aerodynamics - Part 6: Requirements and test procedures for cross wind assessment	Formal Vote scheduled between October & December 2017.

TC256 WG7 Ride Comfort	RAE/1/-/5
Scope: Standardization of a method for quantifying the effects of car body movements on the ride comfort of passengers.	
Convenor: Martin Osman, RSSB (UK)	Chair: Gareth Tucker, University of Huddersfield
Secretary: Kirstie Smith, RSSB (UK)	Secretary: Kirstie Smith, RSSB
GB reps: Jim Kay, SNC Lavalin	RAE/1/-/5 experts: Peter Theobald, RDG Barbara Williams, RIA (in correspondence)
WG7 Standards	
EN 12299:2009 Railway applications - Ride comfort for passengers - Measurement and evaluation	Published.

TC256 WG10 Vehicle/Track Interaction	RAE/1/-/8
Scope: Standardization of requirements for running characteristics of railway vehicles on track, and test methods for the running behaviour.	
Convenor: Hinnerk Stradtman (Germany)	Chair: Gareth Tucker, University of Huddersfield
Secretary: Zsolt Bencze (Germany)	Secretary: Kirstie Smith, RSSB
GB reps: David Burbridge, Network Rail Mark Burstow, Network Rail Allan Carter, Independent consultant Bridget Eickhoff, RSSB Duncan MacLennan, Independent consultant	RAE/1/-/8 experts: Allan Carter, Independent consultant Bridget Eickhoff, RSSB Martin Osman, RSSB Peter Theobald, RDG David Polhill, RDG



Nick Pinder, Network Rail	Joss Apps, Ricardo Rail Liam Purcell, Ricardo Rail David Hatt, Independent consultant Robert Wheeler, Deutsche Bahn Jerry Evans, SNC Lavalin Duncan MacLennan, Independent consult. Bob Calder, Network Rail Dave Burbridge, Network Rail Rolph Walker, Independent consultant Tim Kendell, Urban Rail Mark Burstow, Network Rail
WG10 Standards	
EN 14363:2016/prA1 Railway applications - Testing and Simulation for the acceptance of running characteristics of railway vehicles - Running Behaviour and stationary tests	CEN Enquiry closed in September 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 15302:2008+A1:2010 Railway applications - Method for determining the equivalent conicity	Published.
EN 15528:2015 Railway applications - Line categories for managing the interface between load limits of vehicles and infrastructure	Published.
FprEN 15654-1 Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 1: On-track measurement sites for vehicles in service	Formal Vote closing in August 2017.
prEN 15654-2 Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 2: Test in workshop for new, modified and maintained vehicles	CEN Enquiry closed in December 2016. Working on responses to comments and preparing draft for Formal Vote.
prCEN TR 15654-3 Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 3: Approval and verification of on-track measurement sites for vehicles in service	Drafting in progress.
EN 15686:2010 Railway applications - Testing for the acceptance of running characteristics of railway vehicles with cant deficiency compensation system and/or vehicles intended to operate with higher cant deficiency than stated in EN 14363:2005, Annex G	Withdrawn in March 2016.
EN 15687:2010 Railway applications - Testing for the acceptance of running characteristics of freight vehicles with static axle loads higher than 225 kN and up to 250 kN	Withdrawn in March 2016.
EN 15839:2012+A1:2015 Railway applications - Testing for the acceptance of running characteristics of railway vehicles - Freight wagons - Testing of running safety under longitudinal compressive forces	Published.
EN 16235:2013 Railway application - Testing for the acceptance of running characteristics of railway vehicles - Freight wagons - Conditions for dispensation of freight wagons with defined characteristics from on-track tests according to EN 14363	Published.
CEN TR 17039:2017 Railway applications - Technical Report about the revision of EN 14363	Formal Vote closed in December 2016. Awaiting publication.



TC256 WG19 Classification Systems and Documentation	RAE/1
Scope: Standardization of requirements for technical drawings of railway vehicles.	
Convenor: Roland Klaus (Germany)	Chair: Hugh O'Neill, RSSB
Secretary: Werner Rebers (Germany)	Secretary: Louise Delaney, RSSB
GB reps: Rory Dickerson, Network Rail Hugh O'Neill, RSSB	RAE/1 experts: <i>See CEN TC256 above.</i>
WG19 standards	
EN 15016-1:2004 Technical drawings - Railway applications - Part 1: General Principles	Published.
EN 15016-2:2004/AC:2007 Technical drawings - Railway applications - Part 2: Parts lists	Published.
EN 15016-3:2004 Technical drawings - Railway applications - Part 3: Handling of modifications of technical documents	Published.
EN 15016-2:2004/AC:2007 Technical drawings - Railway applications - Part 2: Parts lists	Published.
EN 15380-1:2006 Railway applications - Designation system for railway vehicles - Part 1: General principles	Published.
EN 15380-2:2006 Railway applications - Designation system for railway vehicles - Part 2: Product groups	Published.
EN 15380-3:2006 Railway applications - Designation system for railway vehicles - Part 3: Designation of installation sites and locations	Published.
EN 15380-4:2013 Railway applications - Classification system for railway vehicles - Part 4: Function groups	Published.
EN 15380-5:2014 Classification system for railway vehicles - Part 5: Systems, system groups, system requirements	Published.
TC256 WG32 Gauge	RAE/1/-/12
Scope: Standardization for vehicle gauge.	
Convenor: Bernard Plaquin (France)	Chair: David Buckley, Balfour Beatty
Secretary: Helene Plisson (France)	Secretary: Charlotte Marks, RSSB
GB reps: Anup Chalisey, RSSB Alex Hastie, Bombardier Sana Wajid, Network Rail David Buckley, Balfour Beatty	RAE/1/-/12 experts: David Hatt, Independent consultant Neil Barker, Balfour Beatty Sana Wajid, Network Rail David Johnson, DGauge Alex Hastie, Bombardier Paul Molyneux-Berry, University of Huddersfield Jenny Irish, SNC Lavalin Martin Wolley, SNC Lavalin David Polhill, RDG Stephen Pell, SNC Lavalin Sean Symons, DGauge



	Seymour Myers, Network Rail Alan Walters, Bombardier Martin Osman, RSSB Anup Chalisey, RSSB Steve Ingleton, Unipart Rail
WG32 Standards	
prEN 15273-1 rev Railway applications - Gauges - Part 1: Generic explanations and methods of gauging	First draft circulated in February 2017. Awaiting CEN Enquiry.
prEN 15273-2 rev Railway applications - Gauges - Part 2: Rolling stock	First draft circulated in February 2017. Awaiting CEN Enquiry.
prEN 15273-3 rev Railway applications - Gauges - Part 3: Infrastructure gauge	First draft circulated in February 2017. Awaiting CEN Enquiry.
prEN 15273-4 Railway applications - Gauges - Part 4: Catalogue of gauges and associated rules	First draft circulated in February 2017. Awaiting CEN Enquiry.
prCEN TR 15273-5 Railway applications - Gauges - Part 5: Background, explanation and worked examples	First draft circulated in March 2017. Awaiting CEN Enquiry.

TC256 WG43 Ground Based Services	Plant Standards Committee
Scope: Standardization of refuelling and water restocking equipment.	
Convenor: Mick James, Plasser (UK)	Chair: Neil Halliday, RSSB
Secretary: Louise Delaney, RSSB (UK)	Secretary: Lucy Powell, RSSB
GB reps: David Polhill, RDG	PLT SC experts: John Ockenden, Carillion Nick Powell, Colas Rail R Soper, Rexquote Ltd Jim Nutty, Amey Paul Frary, ORR Carl Hunt, Network Rail John Watson, Babcock Rail Mick James, Plasser (Interim Chair) David Geering, Harsco Rail Ltd A McCristal, SNC Lavalin Jordan Skey, LUL Ian Duffey, SWT Malcolm Miles, Network Rail Gareth Houghton, RSSB (Interim)
WG43 Standards	
EN 16362:2013 Ground based services – Water restocking equipment	Published.
EN 16507:2014 Railway applications - Ground based service - Diesel refuelling equipment	Published.
EN 16922:2017 Railway applications - Ground based services - Vehicle waste water discharge equipment	Formal Vote closed in April 2017. Awaiting publication.



TC256 WG44 Persons of Reduced Mobility (PRM)	RAE/1/-/15
Scope: Standardization for people with reduced mobility.	
Convenor: Colin Scott, Bombardier (UK)	Chair: Colin Scott, Bombardier (Chair)
Secretary: Louise Delaney, RSSB (UK)	Secretary: Louise Delaney, RSSB
GB reps: Peter Theobald, RDG	RAE/1/-/15 experts: Peter Theobald, RDG John Welsman, Guide Dogs Alastair Young, Transport Scotland Mike Evans, SNC Lavalin Nick Brown, Atkins Jon Ratcliffe, Network Rail David fuller, Network Rail Neil Priest, DfT Bob Appleyard, CH173/1 Phil Hinde, Crossrail Margaret Hickish, Network Rail Michaela Bolt, Angel Trains Peter Rayner, AGE UK Phil Wilks, Passenger Focus Micheal Pittman, TRL Sue Rogers, DfT
WG44 standards	
EN 16584-1:2017 Railway applications - Design for PRM use - General requirements - Part 1: Contrast	Published in April 2017.
EN 16584-2:2017 Railway applications - Design for PRM use - General requirements - Part 2: Information	Published in April 2017.
EN 16584-3:2017 Railway applications - Design for PRM use - General requirements - Part 3: Optical and friction characteristics	Published in April 2017.
EN 16585-1:2017 Railway applications - Design for PRM use - Equipment and components onboard rolling stock - Part 1: Toilets	Published in April 2017.
EN 16585-2:2017 Railway applications - Design for PRM use - Equipment and components on board rolling stock - Part 2: Elements for sitting, standing and moving	Published in April 2017.
EN 16585-3:2017 Railway applications - Design for PRM use - Equipment and components on board rolling stock - Part 3: Clearways and internal doors	Published in April 2017.
EN 16586-1:2017 Railway applications - Design for PRM use - Accessibility of persons with reduced mobility to rolling stock - Part 1: Steps for access and egress	Published in July 2017.
EN 16586-2:2017 Railway applications - Design for PRM use - Accessibility of persons with reduced mobility to rolling stock - Part 2: Boarding aids	Published in July 2017.
EN 16587:2017 Railway applications - Design for PRM Use - Requirements on obstacle free routes for infrastructure	Published in July 2017



CEN TS 16635:2014 Railway application - Design for PRM Use - Equipment and Components on board Rolling Stock - Toilets	Withdrawn in January 2017.
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TC256 WG48 Rolling Stock Maintenance	RAE/1/-/16
Scope: Standardisation on rolling stock maintenance	
Convenor: Jean-Pierre Gielen (France)	Chair: John Barber, RSSB
Secretary: Helene Plisson (France)	Secretary: Paul McHugh, RSSB
GB experts: Raymond Groves, Alstom Grant Jaap, Alstom David Polhill, RDG	RAE/1/-/16 experts: David Polhill, RDG Lucy Greaves, Porterbrook Keith Mack, East Coast Simon Jarrett, Chiltern Railways Simon Green, Southern Tony Francis, Southern Grant Jaap, Alstom Neil Cundy, SNC Lavalin David Barney, Private Wagon Federation Jim Allenden, Network Rail Robert Calder, Network Rail Dale Needham, Hitachi Rail
WG48 Standards	
prEN 17018 Railway applications - Rolling Stock Maintenance - Terms and definitions	CEN Enquiry closed in September 2016. Working on responses to comments and preparing draft for Formal Vote.
prEN 17023 Railway applications - Rolling stock maintenance - Creation and modification of maintenance plan	CEN Enquiry closed in October 2016. Working on responses to comments and preparing draft for Formal Vote.
prEN 17095 Railway applications - Rolling stock maintenance - Maintenance records	CEN Enquiry closed in May 2017. Working on responses to comments and preparing draft for Formal Vote.

TC256 WG51 Advisory Group Labour Health & Safety	RAE/1
Scope: Standardisation on rolling stock maintenance	
Convenor: Dr W Henning (Germany)	Chair: Hugh O'Neill
Secretary: Heike Kuhn (Germany)	Secretary: Louise Delaney
GB experts: Ann Mills, RSSB	RAE/1 experts: <i>See CEN TC256 above.</i>
WG51 Standards	



CEN TC256 SC1 Infrastructure	RAE/2
Scope: Standardisation on general requirements for infrastructure design, installation and maintenance (bridges and tunnels are excluded). The standards also cover materials, components, assemblies, works and machines associated with Railway infrastructure.	
Convenor: Francisco de Melo Parente (Portugal)	Chair: Quentin Phillips, Independent consult.
Secretary: Eduardo Correira (Portugal)	Secretary: Lucy Powell, RSSB
GB reps: Quentin Phillips, Independent consultant Mick James, Independent consultant Neil Gofton, RSSB David Rhodes, DR Squared Ltd	RAE/2 experts: Bob Sawdon, Independent consultant Mick James, Plasser Steve Odams, Network Rail Ian Dean, Network Rail Anthony Darroch, Independent consultant David Rhodes, D R Squared Ltd. Andy Foan, Independent consultant Stuart Grassie, Rail Measurement Zizwani Mhango, Zeta Seven Chris White, TfL John Hempshall, Network Rail Peter Anderson, Tiflex Ltd David Briggs, Cooper & Turner James Block, AECOM Martin Biggin, Network Rail David Polhill, RDG Gareth Stace, EEF Andy Trowsdale, UK Steel Barnaby Temple, Rhomberg-Sersa David Geering, Harsco Rod Fox Mike Barlow, LUL Neil Gofton, RSSB Tim Kendell, Urban Rail Barbara Williams, RIA (In correspondence) Jim Lupton, RIA Rick Jones, RSSB (Contractor)
CEN TC256 SC1 Standards	

TC256 SC1 WG4 Production and Welding of Rails	RAE/2
Scope: All railway rails manufacturing, and welding and jointing of rails.	
Convenor: Victor Ruiz Pineiro (France)	Chair: Quentin Phillips, Independent consult.
Secretary: Melissa Jean (France)	Secretary: Lucy Powell, RSSB
GB reps:	RAE/2 experts:



Sean Gleeson, British Steel Bob Sawdon, Independent consultant John Hempshall, Network Rail	<i>See TC256 SC1 above.</i>
SC1 WG4 standards	
EN 13674-1:2011+A1:2017 Railway applications - Track - Rail - Part 1: Vignole railway rails 46 kg/m and above	Published.
prEN 13674-2 Railway applications - Track - Rail - Part 2: Switch and crossing rails used in conjunction with Vignole railway rails 46 kg/m and above	Enquiry closed in July 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 13674-3:2006+A1:2010 Railway applications - Track - Rail - Part 3: Check rails	Published.
prEN 13674-4 Railway applications - Track - Rail - Part 4: Vignole railway rails from 27 kg/m to, but excluding 46 kg/m	Enquiry closed in July 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 14730-1:2017 Railway applications - Track - Aluminothermic welding of rails - Part 1: Approval of welding processes	Published in June 2017.
EN 14730-2:2006 Railway applications - Track - Aluminothermic welding of rails - Part 2: Qualification of aluminothermic welders, approval of contractors and acceptance of welds	Published.
EN 14587-1:2007 Railway applications - Track - Flash butt welding of rails - Part 1: New R220, R260, R260Mn and R350HT grade rails in a fixed plant	Published.
prEN 14587-2 rev Railway applications - Track - Flash butt welding of rails - Part 2: New R220, R260, R260Mn and R350HT grade rails by mobile welding machines at sites other than	Enquiry closed in May 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 14587-3:2012 Railway applications - Track - Flash butt welding of rails - Part 3: Welding in association with crossing construction	Published.
prEN 14811 Railway applications - Track - Special purpose rail - Grooved and associated construction	Enquiry closed in October 2016. Working on responses to comments and preparing draft for Formal Vote.
EN 15594:2009 Railway applications - Track - Restoration of rails by electric arc welding	Published.
EN 16273:2014 Railway applications - Track - Forged rail transitions	Published.
EN 16725:2016 Railway applications - Track - Restoration and repair of manganese crossings	Published in February 2017.
EN 16771:2016 Railway applications - Infrastructure - Aluminothermic welding of grooved rails	Published in February 2017.
TC256 SC1 WG5 Track construction and maintenance machines	Plant Standards Committee
Scope: Running and/or working conditions for track construction and maintenance machines.	
Convenor: Mick James, Plasser (UK)	Chair: Neil Halliday, RSSB
Secretary: Paul McHugh, RSSB (UK)	Secretary: Lucy Powell, RSSB
GB reps:	PLT SC experts:
David Geering, Harsco Corporation Ian Rawlings, London Underground	<i>See TC256 WG43 above.</i>



Jordan Skey, Transport for London	
SC1 WG5 Standards	
EN 13977:2011 Railway applications - Track - Safety requirements for portable machines and trolleys for construction and maintenance	Published.
EN 14033-1:2017 Railway applications - Track - Railbound construction and maintenance machines - Part 1: Technical requirements for running	Published in August 2017.
EN 14033-2:2017 Railway applications - Track - Railbound construction and maintenance machines - Part 2: Technical requirements for travelling and working	Published in August 2017.
EN 14033-3:2017 Railway applications - Track - Railbound construction and maintenance machines - Part 3: General safety requirements	Published in August 2017.
prEN 14033-4 Railway applications - Track - Railbound construction and maintenance machines - Part 4: Technical requirements for running, travelling and working on urban rail	CEN Enquiry scheduled between November 2017 & February 2018.
EN 15746-1:2010+A1:2011 Railway applications - Track - Road-rail machines and associated equipment - Part 1: Technical requirements for running and working	Published.
EN 15746-2:2010+A1:2011 Railway applications - Track - Road-rail machines and associated equipment - Part 2: General safety requirements	Published.
prEN 15746-3 Railway applications - Track - Road-rail machines and associated equipment - Part 3: Technical requirements for running	Work abandoned.
prEN 15746-4 Railway applications - Track - Road rail machines and associated equipment - Part 4: Technical requirements for running, travelling and working on urban rail	Work abandoned.
EN 15954-1:2013 Railway applications - Track - Trailers and associated equipment - Part 1: Technical requirements for running and working	Published.
EN 15954-2:2013 Railway applications - Track - Trailers and associated equipment - Part 2: General safety requirements	Published.
EN 15955-1:2013 Railway applications - Track - Demountable machines and associated equipment - Part 1: Technical requirements for running and working	Published.
EN 15955-2:2013 Railway applications - Track - Demountable machines and associated equipment - Part 2: General safety requirements	Published.

TC256 SC1 WG15 Track Alignment Design Parameters	RAE/2
Scope: Limits for permissible speed on existing lines as a function of layout parameters. Limits of layout parameters for the planning of lines based on desired speed and other requirements. Speeds to be considered are 80-300 Km/h.	
Convenor: Dr Bjorn Kufver (Sweden)	Chair: Quentin Phillips, Independent consult.
Secretary: Ola Rydell (Sweden)	Secretary: Lucy Powell, RSSB
GB reps:	RAE/2 experts:
Steve Odams, Network Rail	See TC256 SC1 above.



SC1 WG15 Standards	
EN 13803-1:2010 Railway applications – Track - Track alignment design parameters - Track gauges 1435 mm and wider - Part 1: Plain line	Withdrawn.
EN 13803-2:2006+A1:2009 Railway applications - Track - Track alignment design parameters - Track gauges 1435 mm and wider - Part 2: Switches and crossings and comparable alignment design situations with abrupt changes of curvature	Withdrawn.
EN 13803:2017 Railway applications - Track - Track alignment design parameters - Track gauges 1 435 mm and wider	Published in July 2017.

TC256 SC1 WG16 Sleepers and Bearers	RAE/2 and RAE/2/-/10 – Polymer Composite Sleepers and Bearers
Scope: Concrete, wood and steel sleepers.	
Convenor: Philippe Pouligny (France)	Chair: Neil Gofton, RSSB
Secretary: Melissa Jean (France)	Secretary: Lucy Powell, RSSB
GB reps:	RAE/2 experts:
	<i>See TC256 SC1 above.</i>
WG16-1 Concrete sleepers & bearers Anthony Darroch, Independent consultant Patrick Fairclough, University of Sheffield	RAE/2-/10 Experts:
WG16-4 Concrete sleepers and bearers with under sleeper pads Peter Anderson, Tiflex	Deepak Aggarwal, Sicut Guy Simpson, Network Rail Quentin Phillips, Chair RAE/2 Rod Fox, Revaluetech
WG16-5 Under ballast mats Peter Anderson, Tiflex Peter Musgrave, Network Rail	Sak Kaewunruen, University of Birmingham Alma Hodzic, Revaluetech/Uni of Sheffield Barbara Williams, RIA (In Correspondence) Darren Sharp, LUL
WG16-6 Polymer Composite Sleepers and Bearers Neil Gofton, RSSB Alma Hodzic, University of Sheffield Rod Fox, Revalutech William Mainwaring, Sicut Guy Simpson, Network Rail	Dominic Trueman, TfL Roger Lewis, University of Sheffield William Mainwaring, Sicut
SC1 WG16 Standards	
EN 13145:2001+A1:2011 Railway applications - Track - Wood sleepers and bearers	Published.
EN 13230-1:2016 Railway applications - Track - Concrete sleepers and bearers - Part 1: General requirements	Published.
EN 13230-2:2016 Railway applications - Track - Concrete sleepers and bearers - Part 2: Prestressed monoblock sleepers	Published.
EN 13230-3:2016 Railway applications - Track - Concrete sleepers and bearers - Part 3: Twin-block reinforced sleepers	Published.
EN 13230-4:2016 Railway applications - Track - Concrete sleepers and bearers - Part 4: Prestressed bearers for switches and crossings	Published.
EN 13230-5:2016 Railway applications - Track - Concrete sleepers and bearers - Part 5: Special elements	Published.



prEN 13230-6 Railway applications - Track - Concrete sleepers and bearers - Part 6: Design	Second CEN Enquiry closed in February 2016. Working on responses to comments and preparing draft for Formal Vote.
EN 16431:2014 Railway applications - Track - Hollow sleepers and bearers	Published.
EN 16730:2016 Railway applications - Track - Concrete sleepers and bearers with under sleeper pads	Published.

TC256 SC1 WG17 Fastening systems	RAE/2
Scope: Test methods and performance requirements for fastenings for concrete, wood and steel sleepers, for slab track, for vibration attenuation, for switches, crossings, guard and check rails, and for embedded rails.	
Convenor: David Rhodes, D R Squared Ltd. (UK)	Chair: Quentin Phillips, Independent consult.
Secretary: Paul McHugh, RSSB (UK)	Secretary: Lucy Powell, RSSB
GB reps: David Herron, Pandrol	RAE/2 experts: <i>See TC256 SC1 above.</i>
SC1 WG17 standards	
prEN 13146-1 rev Railway applications - Track - Test methods for fastening systems Part 1: Determination of longitudinal rail restraint	CEN Enquiry closed in May 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 13146-2:2012 Railway applications - Track - Test methods for fastening systems Part 2: Determination of torsional resistance	Published.
EN 13146-3:2012 Railway applications - Track - Test methods for fastening systems Part 3: Determination of attenuation of impact loads	Published.
EN 13146-4:2012+A1:2014 Railway applications - Track - Test methods for fastening systems - Part 4: Effect of repeated loading	Published.
EN 13146-5:2012/AC:2017 Railway applications - Track - Test methods for fastening systems - Part 5: Determination of electrical resistance	Awaiting publication.
EN 13146-6:2012 Railway applications - Track - Test methods for fastening systems Part 6: Effect of severe environmental conditions	Published.
prEN 13146-7 Railway applications - Track - Test methods for fastening systems - Part 7: Determination of clamping force and uplift stiffness	CEN Enquiry closed in May 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 13146-8:2012 Railway applications - Track - Test methods for fastening systems Part 8: In service testing	Published.
EN 13146-9:2009+A1:2011 Railway applications - Track - Test methods for fastening systems - Part 9: Determination of stiffness	Published.
EN 13146-10:2017 Railway applications - Track - Test methods for fastening systems - Part 10: Proof load test for pull-out resistance	Published in April 2017.
EN 13481-1:2012 Railway applications - Track - Performance requirements for fastening systems - Part 1: Definitions	Published.
EN 13481-2:2012+A1:2017 Railway applications - Track - Performance requirements for fastening systems - Part 2: Fastening systems for concrete sleepers	Awaiting publication.



EN 13481-3:2012 Railway applications - Track - Performance requirements for fastening systems - Part 3: Fastening systems for wood sleepers	Published.
EN 13481-4:2012 Railway applications - Track - Performance requirements for fastening systems - Part 4: Fastening systems for steel sleepers	Published.
EN 13481-5:2012+A1:2017 Railway applications - Track - Performance requirements for fastening systems - Part 5: Fastening systems for slab track with rail on the surface or rail embedded in a channel	Awaiting publication.
EN 13481-7:2012 Railway applications - Track - Performance requirements for fastening systems - Part 7: Special fastening systems for switches and crossings and check rails	Published.

TC256 SC1 WG18 Switches and crossings - Performance and acceptance	RAE/2/-/9
Scope: Special definitions, design, tolerances, performance and acceptance of switches and crossings.	
Convenor: Neil Gofton, RSSB (UK)	Chair: Andy Foan, Independent consult.
Secretary: Lucy Powell, RSSB (UK)	Secretary: Lucy Powell, RSSB
GB reps: Ian Bostock, Network Rail	RAE/2/-/9 experts: Joss Apps, Ricardo Rail Andy Garwood, Pandrol Calvin Lamb, Prograss Rail Darren Sharp, TfL Graham Barnard, Amey Neil Gofton, RSSB Barbara Williams, RIA (In Correspondence) Sin Sin Hsu, Network Rail
SC1 WG18 standards	
prEN 13232-1 rev Railway applications - Track - Switches and crossings for Vignole rails - Part 1: Definitions	Drafting in progress.
prEN 13232-2 rev Railway applications - Track - Switches and crossings for Vignole rails - Part 2: Requirements for geometric design	Drafting in progress.
prEN 13232-3 rev Railway applications - Track - Switches and crossings for Vignole rails - Part 3: Requirements for wheel/rail interaction	Drafting in progress.
prEN 13232-4 rev Railway applications - Track - Switches and crossings for Vignole rails - Part 4: Actuation, locking and detection	Drafting in progress.
prEN 13232-5 rev Railway applications - Track - Switches and crossings for Vignole rails - Part 5: Switches	Drafting in progress.
prEN 13232-6 rev Railway applications - Track - Switches and crossings for Vignole rails - Part 6: Fixed common and obtuse crossings	Drafting in progress.
prEN 13232-7 rev Railway applications - Track - Switches and crossings for Vignole rails - Part 7: Crossings with movable parts	Drafting in progress.
prEN 13232-8 rev Railway applications - Track - Switches and crossings for Vignole rails - Part 8: Expansion devices	Drafting in progress.



prEN 13232-9 rev Railway applications - Track - Switches and crossings for Vignole rails - part 9: Layouts	Drafting in progress.
EN 15689:2009 Railway applications - Track - Switches and crossings - Crossing components made of cast austenitic manganese steel	Published.
prEN 16843 Railway applications - Track - Mechanical requirements for joints in running rails	Work abandoned.

TC256 SC1 WG28 Track Geometry Quality	RAE/2
Scope: Characterisation of track geometry, - Specification for measurement devices.	
Convenor: Frederic Coudert (France)	Chair: Quentin Phillips, Independent consult.
Secretary: Melissa Jean (France)	Secretary: Lucy Powell, RSSB
GB reps: Ian Dean, Network Rail Zizwani Mhango, Zeta Seven	RAE/2 experts: <i>See TC256 SC1 above.</i>
SC1 WG28 standards	
prEN 13848-1 Railway applications - Track - Track geometry quality - Part 1: Characterisation of track geometry	CEN Enquiry closed in October 2016. Working on responses to comments and preparing draft for Formal Vote.
EN 13848-2:2006 Railway applications - Track - Track geometry quality - Part 2: Measuring systems - Track recording vehicles	Published.
EN 13848-3:2009 Railway applications - Track - Track geometry quality - Part 3: Measuring systems - Track construction and maintenance machines	Published.
EN 13848-4:2011 Railway applications - Track - Track geometry quality - Part 4: Measuring systems - Manual and lightweight devices	Published.
EN 13848-5:2017 Railway applications - Track - Track geometry quality - Part 5: Geometric quality levels - Plain line, switches and crossings	Formal Vote closed in May 2017. Publication scheduled for November 2017.
EN 13848-6:2014 Railway applications - Track - Track geometry quality - Part 6: Characterisation of track geometry quality	Published.
CEN TR 16513:2014 Railway applications - Track - Survey of track geometry quality	Published.
CEN TR 16978:2016 Railway applications - Infrastructure - Survey on isolated defects	Published.

TC256 SC1 WG39 Safety Protection on the Track during Work	RAE/2
Scope: To establish the supplementary prescriptions and competences required in order to minimize the risks on a railway work site, especially when trains are circulating on the adjacent track.	
Convenor: Robert Oosterhof (Netherlands)	Chair: Quentin Phillips, Independent consult.
Secretariat: Netherlands	Secretary: Lucy Powell, RSSB
GB reps: Martin Biggin, Network Rail Mark Prescott, Network Rail	RAE/2 experts: <i>See TC256 SC1 above.</i>



SC1 WG39 standards	
EN 16704-1:2016 Railway applications - Track - Safety protection on the track during work - Part 1: Railway risks and common principles for protection of fixed and mobile work sites	Published in June 2017.
EN 16704-2-1:2016 Railway applications - Track - Safety protection on the track during work - Part 2-1: Common solutions and technologies - Technical requirements for Track Warning Systems (TWS)	Published in February 2017.
EN 16704-2-2:2016 Railway applications - Track - Safety protection on the track during work - Part 2-2: Common solutions and technology - Requirements for barriers	Published in February 2017.
EN 16704-3:2016 Railway applications - Track - Safety protection on the track during work - Part 3: Competences for personnel related to work on or near tracks	Published in February 2017.

TC256 SC1 WG40 Noise Barriers	RAE/2
Scope: To prepare an European Standard on noise barriers for railway applications.	
Convenor: Prof M Garai (Italy)	Chair: Quentin Phillips, Independent consult.
Secretariat: Italy	Secretary: Lucy Powell, RSSB
GB reps: Peter Anderson, Tiflex James Block, AECOM Rick Jones, Independent consultant	RAE/2 experts: <i>See TC256 SC1 above.</i>
SC1 WG40 standards	
EN 16272-1:2012 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 1: Intrinsic characteristics - Sound absorption in the laboratory under diffuse sound field conditions	Published.
EN 16272-2:2012 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 2: Intrinsic characteristics - Airborne sound insulation in the laboratory under diffuse sound field conditions	Published.
EN 16272-3-1:2012 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 3-1: Normalized railway noise spectrum and single number ratings for diffuse field applications	Published.
EN 16272-3-2:2014 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 3-2: Normalized railway noise spectrum and single number ratings for direct field applications	Published.
EN 16272-4:2016 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 4: Intrinsic characteristics - In situ values of sound diffraction under direct sound	Published.



field	
CEN/TS 16272-5:2014 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 5: Intrinsic characteristics - In situ values of sound reflection under direct sound field conditions	Published.
EN 16272-6:2014 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 6: Intrinsic characteristics - In situ values of airborne sound insulation under direct sound field conditions	Published.
CEN/TS 16272-7:2015 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance - Part 7: Extrinsic characteristics - In situ values of insertion loss	Published.
prEN 16727-1 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Non-acoustic performance - Part 1: Mechanical performance under static loadings - Calculation and test methods	Formal Vote scheduled between November 2017 & December 2017.
prEN 16727-2-1 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Non-acoustic performance - Part 2-1: Mechanical performance under dynamic loadings due to passing trains - Resistance to fatigue	Formal Vote scheduled between October 2017 & December 2017.
EN 16727-2-2:2016 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Non-acoustic performance - Part 2-2: Mechanical performance under dynamic loadings caused by passing trains - Calculation method	Published.
EN 16727-3:2017 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Non-acoustic performance - Part 3: General safety and environmental requirements	Published in April 2017.
prEN 16951-1 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Procedures for assessing long term performance - Part 1: Acoustic characteristics	Formal Vote scheduled between October 2017 & December 2017.
prEN 16951-2 Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Procedures for assessing long term performance - Part 2: Non-acoustic characteristics	Formal Vote scheduled between October 2017 & December 2017.

TC256 SC1 WG46 Ballastless Track	RAE/2/-/8
Scope: Standardization of requirements concerning the design and acceptance for ballastless track systems.	
Convenor: Bernhard Lechner (Germany)	Chair: Barnaby Temple, Rhomberg Sersa Rail Group
Secretary: Clemens Barthel (Germany)	Secretary: Lucy Powell, RSSB
GB reps: John Barber, RSSB Niall Fagan, HS2 Ltd. Andy Foan, Independent consultant John Lane, RSSB	RAE/2/-/8 experts: Tim Kendell, DfT Andy Foan, Independent consultant Charles Penny, Independent consultant Peter Barber, LUL



Charles Penny, Balfour Beatty Rail Ltd. John Porrill, Pandrol International Ltd. David Rhodes, D R Squared Ltd. Barnaby Temple, Rhomberg Sersa Rail Group	John Porrill, Pandrol International Ltd. John Lane, RSSB Trevor Smith, Tiflex Graham Barnard, Amey Graham Hall, Carillion Rail Sean Ring, Beazley Sharpe (Railwise) Ltd. Phil Sendall, Carillion Rail Paul Insley, L.B Foster Rail Technologies Ltd. Dermot Kelly, Balfour Beatty Rail Ltd. Alan Phear, Arup Campus Nick Sartain, Arup Campus Niall Fagan, HS2 Ltd. Geoff Hunt, Ricardo Rail (Joss Apps G Hunt's alternate) Steve O'Brien, Network Rail Alan Cudlipp, Mott Macdonald Barbara Williams, RIA (In correspondence) Matt Hunt, HS2 Neil Gofton, RSSB Quentin Phillips, Chair RAE/2 Tim Kendell, UK Tram Tom Tivey, Network Rail
SC1 WG 46 standards	
EN 16432-1:2017 Railway applications - Ballastless track systems - Part 1: General requirements	UAP closed in July 2017. Publication scheduled for October 2017.
EN 16432-2:2017 Railway applications - Ballastless track systems - Part 2: System design, subsystems and components	Formal Vote closed in April 2017. Publication scheduled for November 2017.
prEN 16432-3 Railway applications - Ballastless track systems - Part 3: Acceptance	On hold.
TC256 SC1 WG50 Monitoring and Treatment of Rails	RAE/2
Scope: Rail monitoring, rail defect management and treatment of railway rails in switches, crossings and plain track.	
Convenor: Jurgen Reinhardt (Germany)	Chair: Quentin Phillips, Independent consult.
Secretary: Clemens Barthel (Germany)	Secretary: Lucy Powell, RSSB
GB reps: Sam Brougeni, Balfour Beatty Rail Robert Crocker, Sperry Rail John Dolan, SNC Lavalin Mark Evans, Guided Ultrasonics David Geering, Harsco Stuart Grassie, Independent consultant John Hansen, Ether NDE John Harris, Network Rail Mike Jones, Sperry Rail	RAE/2 experts: <i>See TC256 SC1 above.</i>



SC1 WG50 standards	
EN 13231-3:2012 Railway applications - Track - Acceptance of works - Part 3: Acceptance of reprofiling rails in track	Published.
EN 13231-4:2013 Railway applications – Track – Acceptance of works – Part 4: Acceptance of reprofiling rails in switches and crossings	Published.
prEN 13231-5 Railway applications - Track - Acceptance of works - Part 5: Procedures for rail reprofiling in plain line, switches, crossings and expansion devices	Formal Vote scheduled between November 2017 & January 2018.
EN 16729-1:2016 Railway applications - Infrastructure - Non-destructive testing on rails in track - Part 1: Requirements for ultrasonic inspection and evaluation principles	Published.
prEN 16729-3 Railway applications - Infrastructure - Non-destructive testing on rails in track - Part 3: Requirements for identifying internal and surface rail defects	CEN Enquiry closed in May 2017. Working on responses to comments and preparing draft for Formal Vote.
prEN 16729-4 Railway applications - Infrastructure - Non-destructive testing on rails in track - Part 4: Qualification of personnel for non-destructive testing on rails	CEN Enquiry closed in May 2017. Working on responses to comments and preparing draft for Formal Vote.
WI 00256777 Railway applications - Infrastructure - Non-destructive testing on rails in track - Part 2: Eddy current testing of rails in track	Drafting in progress.



CEN TC256 SC2 Rolling Stock Products Scope: To develop European standards for design, manufacture, operation and maintenance of railway Rolling Stock Products and associated vehicle mounted mechanical equipment in order to provide: - clearly stated harmonised requirements for these Rolling Stock Products at all operational speeds from light rail to high speed trains. - safe and reliable levels of operation and also of recovery. - pass/fail criteria to assist approval authorities to easily accept these Rolling Stock Products.	RAE/3
Convenor: Geoff Mather, Independent consultant (UK)	Chair: Geoff Mather, Independent consult.
Secretary: Arthur Carlebur (Netherlands)	Secretary: Roisin Mulvany, RSSB
GB reps: Anup Chalisey, Convenor WG38	RAE/3 experts: Anup Chalisey, RSSB David Polhill, RDG Keith Mack, Virgin Trains East Coast Martin Clarke, Paul Ferraby, RSSB Richard McCune, Bomardier Rob Winning, Bombardier
CEN TC256 SC2 Standards	

TC256 SC2 WG2 Structural Requirements Scope: Standardization of structural requirements and test methods of railway vehicle car bodies and passive safety.	RAE/3/-/11
Convenor: Peter Scholz (Germany)	Chair: Rob Winning, Bombardier
Secretary: Werner Rebers (Germany)	Secretary: Roisin Mulvany, RSSB
GB reps: Paul Ashton, Mott MacDonald Pietro Di Modica, Barrier Ltd Neil Dinmore, SNC Lavalin Richard Harrison, SNC Lavalin Nigel Randell, Bombardier Mitchell Town, Ricardo Rail David Turner, Ricardo Rail Stephen Wood, SNC Lavalin	RAE/3/-/11 experts: Peter Theobald, RDG Stephen Wood, SNC Lavalin David Turner, Ricardo Rail Nigel Randell, Bombardier Alan Cavendish-Tribe, Mott MacDonald Daniel Saxton, Ricardo Martin Hampshire, Mott MacDonald Mitchell Town, Ricardo Rail Neil Dinmore, SNC Lavalin Paul Townsend, Mott MacDonald Pietro Di Modica, Barrier Ltd Richard Harrison, SNC Lavalin Robert Scothern, Bombardier Damian Janowski, Bombardier Jeff Garner, Independent Consultant Stewart Kenworthy, Wabtec Phil Reynolds, Tec Force



SC2 WG2 Standards	
EN 12663-1:2010+A1:2014 Railway applications - Structural requirements of railway vehicle bodies - Part 1: Locomotives and passenger rolling stock (and alternative method for freight wagons)	Published.
EN 12663-2:2010 Railway applications - Structural requirements of railway vehicle bodies - Part 2: Freight wagons	Published.
prEN 15152 rev Railway applications - Front windscreens for train cabs	Drafting in progress.
prEN 15227 Railway applications - Crashworthiness requirements for railway vehicle bodies	CEN Enquiry closed in February 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 15663:2017 Railway applications - Vehicle reference masses	Formal Vote closed in April 2017. Publication scheduled for October 2017.
EN 16116-1:2013 Railway applications - Design requirements for steps, handrails and associated staff access - Part 1: Passenger vehicles, luggage vans and locomotives	Published.
prEN 17149 Railway Applications - Fatigue strength assessment of railway vehicle structures based on cumulative damage	First draft dispatched to CCMC in April 2017. CEN Enquiry scheduled between September & November 2017.
TC256 SC2 WG11 Wheels and Wheelsets	RAE/3/-/1
Scope: Standardization of design guides and product requirements for wheelsets and components.	
Convenor: Michel Pineau (France)	Chair: Martin Clarke, Independent consult.
Secretary: Vladimir Luzhbin (France)	Secretary: Roisin Mulvany, RSSB
GB reps: Paul Ferraby, RSSB Geoff Mather, Independent consultant Richard McCune, Bombardier	RAE/3/-/1 experts: Andy Skinner, Siemens David Bridges, Angel Trains Edward Davison, Network Rail Geoff Mather, Independent consultant John Snell, Interoperability Services Ltd Mick Bishop, Porterbrook Neil Pimperton, Unipart Rail Richard McCune, Bombardier Rob Winning, Bombardier Sean Barson, Lucchini David Polhill, RDG Bob Williams, Pullman Rail Brian Mattock, Eversholt Rail Gareth Houghton, Colas Rail Paul Ferraby, RSSB Peter Theobald, RDG Phil Cassidy, SNC Lavalin
SC2 WG11 Standards	
EN 13103:2009+A2:2012 Railway applications - Wheelsets and bogies	Published.



- Non-powered axles - Design method	
FprEN 13103-1 Railway applications - Wheelsets and bogies - Part 1: Design method for axles with external journals	Formal Vote closed in August 2017. Awaiting publication.
EN 13104:2009+A2:2012 Railway applications - Wheelsets and bogies - Powered axles - Design method	Published.
prEN 13260 rev Railway applications - Wheelsets and bogies - Wheelsets - Product requirements	Drafting in progress.
prEN 13261 rev Railway applications - Wheelsets and bogies - Axles - Product requirements	Drafting in progress.
prEN 13262 rev Railway applications - Wheelsets and bogies - Wheels - Product requirements	Drafting in progress.
prEN 13715 rev Railway applications - Wheelsets and bogies - Wheels - Tread profile	Drafting in progress.
prEN 13979-1 Railway applications - Wheelsets and bogies - Monobloc wheels - Design assessment procedure - Part 1: Forged and rolled wheels	CEN Enquiry closed in June 2017. Working on responses to comments and preparing draft for Formal Vote.
CEN TS 13979-2:2011 Railway applications - Wheelsets and bogies - Monobloc wheels - Technical approval procedure - Part 2: Cast wheels	Published.
EN 15313:2016 Railway applications - In-service wheelset operation requirements - In-service and off-vehicle wheelset maintenance	Published.
CEN TS 15718:2011 Railway applications - Wheelsets and bogies - Product requirements for cast wheels	Published.
prEN 16910-1 Railway applications - Rolling stock - Requirements for non-destructive testing on running gear in railway maintenance - Part 1 - Wheelsets	CEN Enquiry closed in November 2017. Draft dispatched to CCMC. Formal Vote scheduled between September & November 2017.
prEN 17069-1 Railway applications - Systems and procedures for change of track gauge - Part 1: Automatic Variable Gauge Systems	CEN Enquiry closed in April 2017. Working on responses to comments and preparing draft for Formal Vote.

TC256 SC2 WG12 Roller Bearings and Lubricants	RAE/3/-/2
Scope: Standardization of requirements and test methods for roller bearings and their lubricants.	
Convenor: Filip Rosengren (Sweden)	Chair: Keith Mack, East Coast
Secretariat: Sweden	Secretary: Roisin Mulvany, RSSB
GB reps: David Aindow, Timken UK Ltd. Neil Pimperton, Unipart Rail	RAE/3/-/2 experts: Geoff Mather, Independent consultant David Aindow, Timken UK Ltd. David Goves, Schaeffler Deryk Shead, Serco Andrew Skinner, Siemens Paul Ferraby, RSSB Neil Pimperton, Unipart Rail Steve Gill, ESR Technology Nick Pinder, Network Rail Alan Ingman, Network Rail Tony Francis, Gatwick Express Nicholas Kay, Siemens



	<p>Jeremy Spencer, Schaeffler John Williams, Alstom Michael Blaber, Bombardier Peter Theobald, RDG Brian Mattock, Eversholt Rail Darren Wilkinson, Wabtec Dave Williams, SNC Lavalin David Bridges, Angel Trains Ian Walton, SKF James Carr, DRSL James King, FNC Jigar Shah, SKF Keith Salt, Fuchs Mike Kerry Neil Drury, FirstGroup Paul Hamilton, SKF Richard McCune, Bombardier Rory Taylor, ESR Technology T Shakerley, Freightliner Simon Cressey, Deutschebahn</p>
SC2 WG12 standards	
EN 12080:2017 Railway applications - Axleboxes - Rolling bearings	Formal Vote closed in June 2017. Publication scheduled for November 2017.
EN 12081:2017 Railway applications - Axleboxes - Lubricating greases	Formal Vote closed in June 2017. Publication scheduled for November 2017.
EN 12082:2017 Railway applications - Axleboxes - Performance testing	Formal Vote closed in June 2017. Publication scheduled for November 2017.
EN 14865-1:2009+A1:2010 Railway applications - Axlebox lubricating greases - Part 1: Method to test the ability to lubricate	Published.
EN 14865-2:2006+A2:2010 Railway applications - Axlebox lubricating greases - Part 2: Method to test the mechanical stability to cover vehicle speeds up to 200 km/h	Published.
TC256 SC2 WG26 Freight Wagons	RAE/3/-/9
Scope: Standardization of requirements for measuring freight wagons.	
Convenor: Bottcher (Germany)	Chair: vacant
Secretary: Thomas Berger (Germany)	Secretary: Roisin Mulvany, RSSB
GB reps: Colin Graham, GB Railfreight	RAE/3/-/9 experts: Paul Lugg, VTG Robert Dale, RAL David Minshull, Network Rail Mick James, RSSB Ian Willson, Network Rail Peter Davidson, PIA Geoff Mather, Independent consultant Colin Graham, Rail Freight



	Also mirrored by Freight Technical Committee.
SC2 WG26 standards	
EN 13775-1:2003 Railway applications - Measuring of new and modified freight wagons - Part 1: Measuring principles	Published.
EN 13775-2:2003 Railway applications - Measuring of new and modified freight wagons - Part 2: Freight wagons with bogies	Published.
EN 13775-3:2003 Railway applications - Measuring of new and modified freight wagons - Part 3: Freight wagons with 2 wheelsets	Published.
EN 13775-4:2004 Railway applications - Measuring of new and modified freight wagons - Part 4: Bogies with 2 wheelsets	Published.
EN 13775-5:2004 Railway applications - Measuring of new and modified freight wagons - Part 5: Bogies with 3 wheelsets	Published.
EN 13775-6:2004 Railway applications - Measuring of new and modified freight wagons - Part 6: Multiple and articulated freight wagons	Published.
EN 15723:2010 Railway applications - Closing and locking devices for payload protecting devices against environmental influences - Requirements for durability, operation, indication, maintenance, recycling	Published.
EN 15877-1:2012/prA1 Railway applications - Marking on railway vehicles - Part 1: Freight wagons	CEN Enquiry on between June & September 2017.
EN 15877-2:2013 Railway applications - Markings of railway vehicles - Part 2: External markings on coaches, motive power units, locomotives and on track machines	Published.
EN 16116-2:2013 Railway applications - Design requirements for steps, handrails and associated access for staff - Part 2: Freight wagons	Published.
prEN 16860 Railway Applications - Requirements and general principles for securing payload in rail freight transport	CEN Enquiry closed in August 2015. Working on responses to comments and preparing draft for Formal Vote.

TC256 SC2 WG31 Welding	RAE/3/-/11
Scope: Welding of railway vehicles and components.	
Convenor: Dr Lothar Jacobskotter (Germany)	Chair: Rob Winning, Bombardier
Secretary: Thomas Berger (Germany)	Secretary: Roisin Mulvany, RSSB
GB reps: Jeff Garner, Sandberg LLP Damian Janowski, Bombardier Daniel Saxton, Ricardo Rail Paul Townsend, Mott MacDonald	RAE/3/-/11 experts: <i>See TC256 SC2 WG2 above.</i>
SC2 WG31 Standards	
EN 15085-1:2007+A1:2013 Railway applications - Welding of railway vehicles and components - Part 1: General	Published.



EN 15085-2:2007 Railway applications - Welding of railway vehicles and components - Part 2: Quality requirements and certification of welding manufacturer	Published.
EN 15085-3:2007/AC:2009 Railway applications - Welding of railway vehicles and components - Part 3: Design requirements	Published.
EN 15085-4:2007 Railway applications - Welding of railway vehicles and components - Part 4: Production requirements	Published.
EN 15085-5:2007 Railway applications - Welding of railway vehicles and components - Part 5: Inspection, testing and documentation	Published.

TC256 SC2 WG33 Coupling Devices	RAE/3/-/7
Scope: Standardization for coupling devices.	
Convenor: Folke Luneburg (Germany)	Chair: David Polhill, RDG
Secretary: Matthias Geisler (Germany)	Secretary: Roisin Mulvany, RSSB
GB reps: Ian Ambrose, Network Rail Paul Ashton, Mott MacDonald Robert Carroll, Stagecoach Supertram Kevin Stannard, Ricardo Rail Mark Terry, Mott MacDonald David Polhill, RDG	RAE/3/-/7 experts: Richard Neil, Angel Trains Geoff Mather, Independent consultant
SC2 WG33 Standards	
EN 15020:2006+A1:2010 Railway applications - Rescue coupler - Performance requirements, specific interface geometry and test methods	Published.
EN 15551:2017 Railway applications - Railway rolling stock - Buffers	Published in April 2017.
EN 15566:2016 Railway applications - Railway rolling stock - Draw gear and screw coupling	Published.
EN 16019:2014 Railway applications - Automatic coupler - Performance requirements, specific interface geometry and test method	Published.
EN 16839:2017 Railway applications - Rolling stock - Head stock layout	Formal Vote closed in June 2017. Publication scheduled for December 2017.

TC256 SC2 WG38 Flange Lubrication	RAE/3/-/6
Scope: Standardization for flange lubrication.	
Convenor: Anup Chalisey, RSSB (UK)	Chair: Anup Chalisey, RSSB
Secretary: Roisin Mulvany, RSSB UK	Secretary: Roisin Mulvany, RSSB
GB reps: Gareth Evans, Network Rail Bob Hardwell, Network Rail Chris Hardwick, Independent consultant	RAE/3/-/6 experts: David Polhill, RDG Gareth Evans, Network Rail Harry Hastwell, Delimon Geoff Mather, Independent consultant Andy Vickerstaff, TfL



	Bob Hardwell, Network Rail Chris Hardwick, LB Foster David Rowe, Rowe Hankins Roger Lewis, University of Sheffield Stephen Lewis, University of Sheffield
SC2 WG38 Standards	
EN 15427:2008+A1:2010 Railway applications - Wheel/rail friction management - Flange lubrication	Published.
EN 16028:2012 Railway applications - Wheel/rail friction management - Lubricants for trainborne and trackside applications	Published.
TC256 SC2 WG52 Adhesive Bonding	Not mirrored in GB
Scope:	
Convenor: Andreas Gross (Germany)	
Secretary: Thomas Berger (Germany)	
GB reps: none	
WG52 standards	
WI 00256799 Railway Application - Rolling stock products - Adhesive bonding of rail vehicles and rail vehicle parts	Preliminary Work Item approved.



CEN TC256 SC3 Rolling Stock Systems	RAE/4
Scope: To develop European standards for design, manufacture, operation and maintenance of railway Rolling Stock Systems and associated vehicle mounted system equipment in order to provide: - clearly stated harmonised requirements for these Rolling Stock Systems at all operational speeds from light rail to high speed trains. - safe and reliable levels of operation. - pass/fail criteria to assist approval authorities to easily accept these Rolling Stock Systems.	
Convenor: Dominique Morin, Alstom (FR)	Chair: Daniel Hamm, RSSB
Secretary: Charles Whitlock, BSI (UK)	Secretary: Paul McHugh, RSSB
GB reps: Hugh Barton, OptiConsulting Johann Bramauer, iFE Doors Dan Hamm, RSSB	RAE/4 experts: Dan Hamm, RSSB Hugh Barton, OptiConsulting Johann Bramauer, iFE Doors Neil Halliday, RSSB Syd Scrace, Hitachi Peter Theobald, RDG Phil Hinde, Crossrail Chris Wells, Railway Braking Associates Jon Leigh, Faiveley Transport Richard Stokes, Independent Consultant Jerry Lewis, Brian Bocuher,
CEN TC256 SC3 Standards	

TC256 SC3 WG8 Air Conditioning, Heating, Ventilation	RAE/4/-/3
Scope: Standardization of requirements for comfort parameters of compartments and saloons of passenger-carrying main line rail vehicles, and type tests.	
Convenor: Francois Garniche (France)	Chair: vacant
Secretary: Vladimir Luzhbin (France)	Secretary: Paul McHugh
GB reps: Mark Gilbey, Independent consultant Syd Scrace, Hitachi Peter Theobald, RDG	RAE/4/-/3 experts: Neil Halliday, RSSB Francis How, RIA Syd Scrace, Hitachi Peter Theobald, RDG
SC3 WG8 standards	
EN 13129:2016 Railway applications - Air conditioning for main line rolling stock - Comfort parameters and type tests	Published.
EN 14750-1: 2006 Railway applications – Air conditioning for urban and suburban rolling stock – Part 1: Comfort parameters	Published.
EN 14750-2: 2006 Railway applications – Air conditioning for urban and suburban rolling stock – Part 2: Type tests	Published.
EN 14813-1:2006+A1:2010 Railway applications - Air conditioning for	Published.



driving cabs - Part 1: Comfort parameters	
EN 14813-2:2006+A1:2010 Railway applications - Air conditioning for driving cabs - Part 2: Type tests	Published.
TC256 SC3 WG9 Lighting and Trackside Signage	RAE/4/-/7
Scope: Standardization of requirements for design and construction of electrical lighting systems in the interiors of railway rolling stock.	
Convenor: Hugh Barton, OptiConsulting Ltd (UK)	Chair: Hugh Barton, OptiConsulting Ltd
Secretary: Paul McHugh, RSSB (UK)	Secretary: Paul McHugh, RSSB
GB reps: Paul LeVesconte, RDG Martin Ramsden, LPA Jonathan Rees, Translec Dave Skirrow, Metrolink John Stafford, RSSB Peter Theobald, RDG Alan Tomlinson, BMAC	RAE/4/-/7 experts: Alan Tomlinson, BMAC Clive Porter, Dorman Gareth Tucker, University of Huddersfield Graham Goswell, Network Rail Alan Chatfield, Network Rail John Hesketh, LPA-Excil John Stafford, RSSB Jonathan Rees, Translec Liz-Newell Hart, 3M Nathan Orton, Marl Paul LeVesconte, RDG Peter Theobald, RDG Robert Woodhouse, Marl
SC3 WG9 standards	
EN 13272:2012 Railway applications – Electrical lighting for rolling stock in public transport systems	Published.
prEN 13272-1 Railway applications - Electrical lighting for rolling stock in public transport systems - Part 1: Mainline Rail	First draft dispatched to CCMC in June 2017. CEN enquiry scheduled between August & November 2017.
prEN 13272-2 Railway applications - Electrical lighting for rolling stock in public transport systems - Part 2: Urban rail systems	First draft dispatched to CCMC in June 2017. CEN enquiry scheduled between August & November 2017.
prEN 15153-1 Railway applications - External visible and audible warning devices - Part 1: Head, marker and tail lamps for mainline rail	First draft dispatched to CCMC in June 2017. CEN enquiry scheduled between September & November 2017.
prEN 15153-2 Railway applications - External visible and audible warning devices - Part 2: Warning horns for mainline rail	First draft dispatched to CCMC in June 2017. CEN enquiry scheduled between September & November 2017.
prEN 15153-3 Railway applications - External visible and audible warning devices - Part 3: External visible warning devices for urban rail	First draft dispatched to CCMC in June 2017. CEN enquiry scheduled between September & November 2017.
prEN 15153-4 Railway applications - External visible and audible warning devices - Part 4: Warning horns for urban rail	First draft dispatched to CCMC in June 2017. CEN enquiry scheduled between September & November 2017.
EN 16494:2015 Railway applications – Requirements for ERTMS trackside boards	Published.



TC256 SC3 WG27 Doors	RAE/4/-/6
Scope: Standardization of requirements concerning design and function for external doors of railway vehicles.	
Convenor: J Bramauer (Austria)	Chair: Phil Hinde, Cross Rail
Secretariat: Austria	Secretary: Paul McHugh
GB reps: Heath Caddy, Bombardier Sam Newcombe, RSSB Nick Swift, Eversholt Rail (UK) Ltd	RAE/4/-/6 experts: Peter Theobald, RDG Phil Hinde, Crossrail John Bentley, Transport for London Brian Harvey, Faiveley Transport Neil Halliday, RSSB Peter Matthews, Poised Ltd Peter Theobald, RDG Dom Borgese, LUL Scott Condie, Bombardier Heath Caddy, Bombardier Peter Hubbard, National Express Mike Jones, ORR Sam Newcombe, RSSB Andrew Brassington, Bombardier
SC3 WG27 standards	
prEN 14752 Railway applications - Bodyside entrance systems for rolling stock	First draft dispatched to CCMC in May 2017. CEN enquiry scheduled between September & November 2017.
TC256 SC3 WG36 Emergency and Alarm Systems	RAE/4/-/1
Scope: Emergency and Alarm Systems.	
Convenor: Philippe Laporte (France)	Chair: Jon Leigh, Faiveley Transport
Secretary: Vladimir Luzhbin (France)	Secretary: Paul McHugh, RSSB
GB reps: Neil Halliday, RSSB Daniel Hamm, RSSB David Lawes, Transport for London Graham Neil, London Underground	RAE/4/-/1 experts: David Horsley, Independent consultant Neil Halliday, RSSB Chris Wells, Railway Braking Associates Peter Theobald, RDG Gilbert Rowe, LUL Steve Morris, Becorit GmbH Andy Nicholas, Knorr-Bremse Rail Systems Nigel Anstey, Knorr-Bremse Rail Systems David McMillan, Parker Domnick Hunter Jim Lupton, RIA
SC3 WG36 standards	
EN 16334:2014 Railway applications - Passenger Alarm System - System requirements	Published.
EN 16683:2015 Railway applications - Call for aid and communication	Published.



device - Requirements	
TC256 SC3 WG37 Driver's Cab	RAE/4/-/4
Scope: Driver's Cab.	
Convenor: Denis Miglianico (France)	Chair: Richard Stokes, Independent consult.
Secretary: Melissa Jean (France)	Secretary: Paul McHugh, RSSB
GB reps: Andy Hourigan, Aslef	RAE/4/-/4 experts: John Pullinger, RSSB Martin Stout, RSSB Mick James, RSSB Neil Halliday, RSSB Richard Butterfield, Bombardier Dave Bennett, ASLEF Claire Dickinson, ORR Nicolas Edwards, DB Schenker Mark Turner, Altran Praxis Phil Hinde, Crossrail Jon Wackrow, LUL William Wells, Eurostar F Wiltshire, Independent consultant Peter Theobald, RDG Daniel Mann, RDG
SC3 WG37 standards	
EN 16186-1:2014/prA1 Railway applications - Driver's cab - Part 1: Anthropometric data and visibility	CEN Enquiry closed in July 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 16186-2:2017 Railway applications - Driver's cab - Part 2: Integration of displays, controls and indicators	Formal Vote closed in April 2017. Publication scheduled for November 2017.
EN 16186-3:2016/prA1 Railway applications - Driver's cab - Part 3: Design of displays	CEN Enquiry on between June & August 2017.
prEN 16186-4 Railway applications - Driver's cab - Part 4: Layout and access	CEN Enquiry on between July & October 2017.
CEN TR 16823:2015 Railway applications - Driver's cab - Background information on anthropometric data	Published.
TC256 SC3 WG47 Braking (formerly WG22, 23, 24, 25)	RAE/4/-/1
Scope: Braking.	
Convenor: Frank Minde (Germany)	Chair: Jon Leigh, Faiveley Transport
Secretary: Paul Tschernjavskij (Germany)	Secretary: Paul McHugh, RSSB
GB reps: Nigel Anstey, Knorr-Bremse Group Neil Halliday, RSSB Daniel Hamm, RSSB Steve Morris, Becorit GmbH Andy Nicholas, Knorr-Bremse Group	RAE/4/-/1 experts: <i>See TC256 SC3 WG36 above.</i>



Gilbert Rowe, London Underground Chris Wells, Railway Braking Associates	
SC3 WG47 standards	
EN 13452-1:2003 Railway applications – Braking – Mass transit brake systems – Part 1: Performance requirements	Published. Review scheduled for November 2017.
EN 13452-2:2003 Railway applications – Braking – Mass transit brake systems – Part 2: Methods of test	Published. Review scheduled for November 2017.
EN 14198:2016/prA1 Railway applications - Braking - Requirements for the brake system of trains hauled by locomotives	CEN Enquiry closed in July 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 14531-1:2015/prA1:2016 Railway applications - Methods for calculation of stopping and slowing distances and immobilization braking - Part 1: General algorithms utilizing mean value calculation for train sets or single vehicles	CEN Enquiry closed in March 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 14531-2:2015 Railway applications - Methods for calculation of stopping and slowing distances and immobilization braking - Part 2: Step by step calculations for train sets or single vehicles	Published.
prEN 14535-1 Railway applications - Brake discs for railway rolling stock - Part 1: Brake discs pressed or shrunk onto the axle or drive shaft, dimensions and quality requirements	CEN Enquiry closed in January 2017. Working on responses to comments and preparing draft for Formal Vote.
prEN 14535-2 Railway applications - Brake discs for railway rolling stock - Part 2: Brake discs mounted onto the wheel, dimensions and quality requirements	CEN Enquiry closed in March 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 14535-3:2015 Railway applications - Brake discs for railway rolling stock - Part 3: Brake discs, performance of the disc and the friction couple, classification	Published.
FprEN 14478 Railway applications - Braking - Generic vocabulary	Formal Vote on Between July & August 2017.
EN 14601:2005+A1:2010 Railway applications - Straight and angled end cocks for brake pipe and main reservoir pipe	Published.
EN 15179:2007 Railway applications - Braking - Requirements for the brake system of coaches	Published. Review scheduled for December 2017.
EN 15220:2016 Railway applications - Brake indicators	Published.
prEN 15329 Railway applications - Braking - Brake block holder and brake block key	CEN Enquiry closed in July 2017. Working on responses to comments and preparing draft for Formal Vote.
prEN 15355 Railway applications - Braking - Distributor valves and distributor-isolating devices	CEN Enquiry scheduled between August & November 2017.
prEN 15595 Railway applications - Braking - Wheel slide protection	CEN Enquiry closed in January 2016. Working on responses to comments and preparing draft for Formal Vote.
prEN 15611 rev Railway applications - Braking - Relay valves	Drafting in progress.
EN 15612:2008+A1:2010 Railway applications - Braking - Brake pipe accelerator valve	Published.
EN 15624:2008+A1:2010 Railway applications - Braking - Empty-loaded changeover devices	Published.



EN 15625:2008+A1:2010 Railway applications - Braking - Automatic variable load sensing devices	Published.
EN 15734-1:2010/AC:2013 Railway applications - Braking systems of high speed trains - Part 1: Requirements and definitions	Published.
EN 15734-2:2010/AC:2012 Railway applications - Braking systems of high speed trains - Part 2: Test methods	Published.
EN 15806:2010 Railway applications - Braking - Static brake testing	Published.
EN 15807:2011 Railway applications - Pneumatic half couplings	Published.
EN 16185-1:2014/prA1 Railway applications - Braking systems of multiple unit trains - Part 1: Requirements and definitions	CEN Enquiry closed in July 2017. Working on responses to comments and preparing draft for Formal Vote.
EN 16185-2:2014 Railway applications - Braking systems of multiple unit trains - Part 2: Test methods	Published.
EN 16207:2014 Railway applications - Braking - Functional and performance criteria of Magnetic Track Brake systems for use in railway rolling stock	Published.
EN 16241:2014+A1:2016 Railway applications - Slack adjuster	Published in February 2017.
EN 16451:2015 Railway applications - Braking - Brake pad holder	Published.
EN 16452:2015/prA1:2017 Railway applications - Braking - Brake blocks	CEN Enquiry closed in July 2017. Working on responses to comments and preparing draft for Formal Vote.
prEN 16834 Railway applications - Braking - Brake performance	Drafting in progress.
prEN 17065 Railway applications - Braking - Passenger coach test procedure	CEN Enquiry closed in June 2015. Working on responses to comments and preparing draft for Formal Vote.

TC256 SC3 WG49 Glazing	RAE/4/-/9
Scope: This working group deals with all kind of glass intended for use in railway rolling stock. This includes glass for windscreen and side windows as well as glass for partitions in compartments. The working group will distinguish between application for High Speed and Conventional Rail and all kind of applications for Urban Rail. The intended approach is to use as much as possible standards existing in other industries (e.g. automotive), but identify relevant requirements and pass fail criteria applicable for Railway applications. Emergency windows are also in the scope of this Working Group.	
Convenor: Johan Huart (France)	Chair: vacant
Secretary: Vladimir Luzhbin (France)	Secretary: vacant
GB reps: Ian Ambrose, Network Rail Peter Theobald, RDG	RAE/4/-/9 experts: Peter Theobald, RDG
SC3 WG49 standards	



prEN 15152 rev Railway applications - Front windscreens for train cabs	Proposal on WI approved in November 2016. Drafting in progress.
TC256 SC3 WG53 Platform Barrier Systems	RAE/4/-/6
Scope:	
Convenor: Phil Hinde, CrossRail (UK)	Chair: Phil Hinde, CrossRail
Secretary: Paul McHugh, RSSB (UK)	Secretary: Paul McHugh, RSSB
GB reps: John Bentley, London Underground Andrew Brassington, Bombardier Brian Harvey, Faiveley Transport	RAE/4/-/6 experts: Peter Theobald, RDG John Bentley, Transport for London Brian Harvey, Faiveley Transport Neil Halliday, RSSB Peter Matthews, Poised Ltd Peter Theobald, RDG Dom Borgese, LUL Scott Condie, Bombardier Heath Caddy, Bombardier Peter Hubbard, National Express Mike Jones, ORR Sam Newcombe, RSSB Andrew Brassington, Bombardier
SC3 WG53 standards	
prEN 17168 Railway applications - Platform barrier systems	First draft dispatched to CCMC in June 2017. CEN enquiry scheduled between September & October 2017.