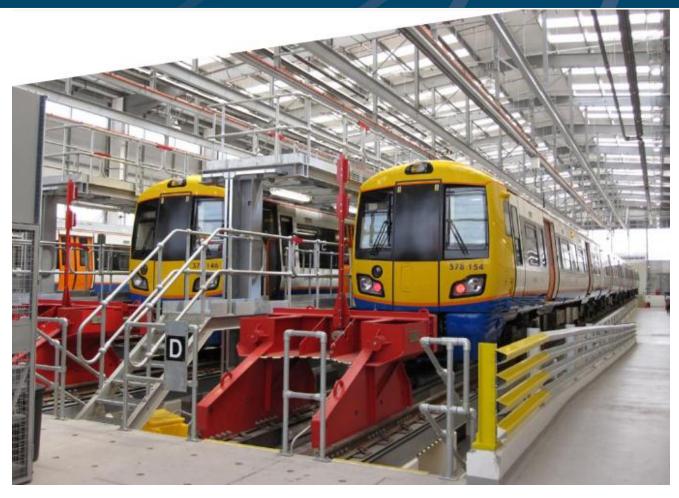


The Geography & Geology of the Rail Industry

Claire Dickinson

17th October 2014

Train Operating Companies (TOCS) & Entities In Charge of Maintenance



OFFICE OF RAIL REGULATION

Infrastructure – Stations and Track





Electrification - South- West and North West





Metro's, Transport for London/LU, trams, heritage















Organisations













Rail Accident Investigation Branch

TRADE UNIONS – Aslef, RMT, TSSA, Unite



Railway Industry Association

ROSCO Train Leasing Companies

ORR is the combined independent regulator for the rail industry

Economic regulator for railway infrastructure (Network Rail and HS 1) Health and safety regulator for the rail industry as a whole – including main line, metro, tramways and heritage railways across Britain The industry's consumer and competition authority – including complaints handling policies, disabled people's protection policies and ticketing and fares codes of practice

ORR also has a role in providing independent advice to the government and to the industry about the future of the railways, and we work with regulatory authorities in other sectors in the UK and rail authorities across the world to develop best-practice standards in railway regulation.



ORR purpose

Our purpose

- As the health and safety regulator for Britain's railways, the law requires us to make sure railways companies have arrangements in place to protect the health, safety and welfare of workers, and protect others (including passengers) against health or safety risks created by the railways
- Make sure the legal framework for railway safety is developed and maintained

How we do this

- We have inspectors and other employees in ORR dedicated to this purpose (currently about 110 people)
- The law gives us enforcement powers
- We can recommend legislation



How we do it

- Examine duty holders' risk management arrangements and grant permission to operate;
- Audit and inspect, aspects of their safety-management systems;
- Investigate incidents and complaints (to identify failures and ensure lessons are learnt);
- Assess the effectiveness of duty holders' safety-management system and management abilities and attitude [excellence in health and safety and Railway Management Maturity Model (RM3) http://www.railreg.gov.uk/server/show/nav.1098];
- Use our powers to bring about improvement; and
- Prioritise and target our resources efficiently, particularly at train accident (catastrophic) and serious risks to individual workers and passengers, but we don't examine all risks.

ORR : Policy and technical link to HSE

- > Health & Safety at Work, etc Act, 1974
- Management of Health & Safety at Work Regulations, 2003
- Railway and Other Guided Transport Systems (Safety) Regulations, 2011 (amended)
 - SMS, Safety Verification, Safety Certificate & Authorisation, Risk Assessment, Annual Safety Reports, Co-operation, Safety Critical Work, Entities in Charge of Maintenance
 - Reg 22 Transport operators to co-operate with one another
 - Part 4 on safety critical work : Reg 24 Competence & Fitness, Reg 25 Fatigue

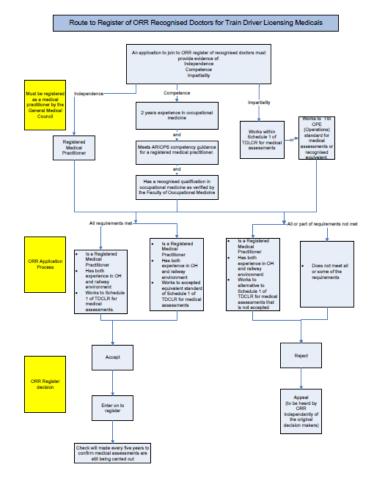


Further Legal Instruments

- The Rail Vehicle Accessibility (Non-Interoperable Rail System) Regulations 2010 (RVAR 2010) set out the accessibility standards to which new non-mainline (and older rail vehicles as and when they are refurbished) must comply.
- The Railways (Interoperability) Regulations 2011 (RIR) came into force on 16 January 2012 and implement the EC Directive 2008/57/EC on the interoperability of the UK rail system. They apply to new, major, upgraded or renewed infrastructure and rolling stock. Applicants have to follow a framework and seek an authorisation from ORR, to place the infrastructure or rolling stock into service.
- Transport and Works Act 1992 exercise due diligence to ensure that their employees do not carry out safety critical work whilst under the influence of drugs or alcohol



Train Driver Licenses & Certificates Regulations, 2010



- > Reg 8 Doctors to be on the published register
- www.orr.gov.uk/what-and-how-weregulate/licensing/train-driving-licences-andcertificates
- Applications are made to: ORR, Railway Safety Directorate Administration Team Office of Rail Regulation One Kemble Street London WC2B 4AN



http://orr.gov.uk/health

	PF	OTECT - NOT PROTECTIVELY	MAR	KED*		1
Railway Guidance Document			RGD-2014-**			
DIESEL ENGINE EXHAUST EMISSIONS (DEEE) IN THE RAILWAT SECTOR						
		ctober 2014	Τ	Date of next review	Octobe 2016	
	Date of issue/ O last review	RGD postholder/own		Sharon Mawhood, CS	31 team	-+
F	RGD position			Claire Dickinson, CSI Team John Gillespie, Central Regulatory Division		
ł		RGD	type	Policy Information Procedure		
			\boxtimes	Policy		\boxtimes
	Target audience	RSD RPP	\boxtimes	Admin		
Keywords DEEE EXHAUST EMISSIONS DIESEL ENGINE Summary This RGD summarises the current evidence base on health risks associated with exposure to diesel engine exhaust emissions (DEEE) and advises with exposure to dise engine exhaust emissions 2002 (COSHH) (as amended inspectors about action to take in securing compliance with the Control of inspectors about action to take in securing compliance with the control of engine exhaust emissions 2002 (COSHH) (as amended to the engine exhaust emission of the engine exhaust employment.						
	Summary This KOD solution to take in securing compliance with the Control of inspectors about action to take in securing compliance with the Control of Substances Hazardous to Health Regulations 2002 (COSHH) (as amended Substances Hazardous to Health Regulations 2002 (COSHH) (as amended in respect of DEEE in the railway operating environment. Original consultation HSE - policy, occupational hygiene, and medical specialists Rail Operators teams - Gerald Kerr, Don Wilson RPP rail vehicles team - Phil Sharpe Network Rail Division - Paul Appleton and Jenny Lopez Rail Policy - Dawn Russell					
	Subsequent consultation (reviews only)	10012				

- > To be published shortly
- Inspectors guidance:
 - > DEEE
 - Silica
- > Strategic position papers on:
 - > Stress management
 - > HAVS
 - Musculoskeletal disorders
 - Asbestos



Final Determination

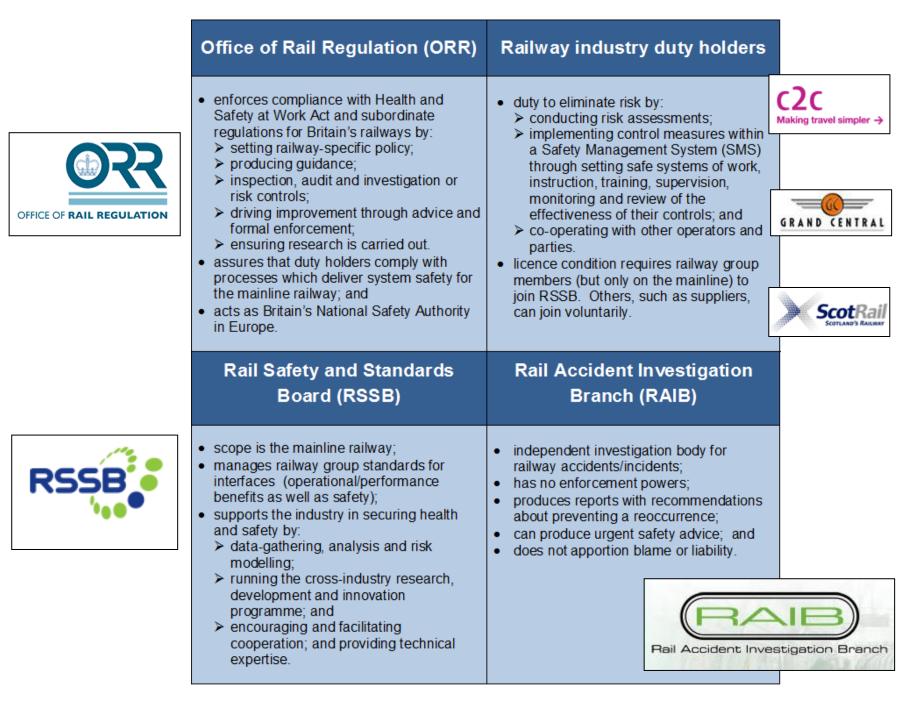


Chapter 11 : headcount, absence and absence costs

Key messages in this chapter (continued)

- We are looking for Network Rail to improve its occupational health management and in doing so achieve £20m in cost savings in the final year of CP5, with a total saving of £55m in CP5.
- We expect Network Rail to improve its health and safety performance in CP5 and we will monitor its implementation of the strategies on safety and wellbeing and health and wellness.





ATOC – trade association

>

Advice and information for wheelchair users at stations and on trains

Introduction

This booklet is designed to help wheekchair users meet their needs whilst travelling. This includes information on what to do pre, during and post travelling and important points of contact to take note of. This includes how to get in touch with the train operating company beforehand to prepare for your journey, important information to take note of during your journey and what to do when you arrive at your final destination.

it should also be noted that these guidance notes do not deal with mobility scooters. Research on mobility scooters is being planned.

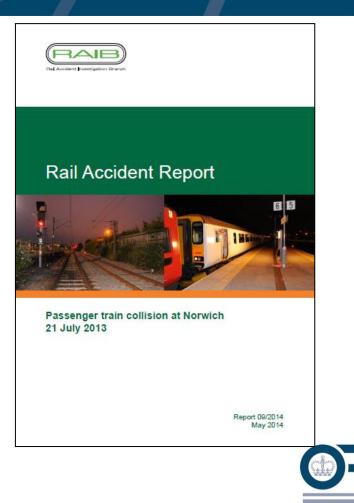


- ATOC HEROH & ATOC Safety Forum
- Set up in 1993, ATOC brings together all train companies to preserve and enhance the benefits for passengers of Britain's national rail network, which jointly we do by providing these services:
 - a central clearing house for the train operators, allowing passengers to buy tickets to travel on any part of the rail network, from any station, through the <u>Rail Settlement Plan</u>
 - a customer service operation, <u>National Rail Enquiries</u>, giving passengers up-to-the-minute information on train times, fares, reservations and service disruption across the country
 - developing <u>commercial activities</u>, such as a range of discounted and promotional railcards,
- an <u>operations, engineering and major projects team</u>, that supports Scheme members in delivering a safe, punctual and economic railway
- From 2011, the <u>Rail Delivery Group</u> has been responsible for leadership, policy formulation and communications on behalf of the whole rail industry

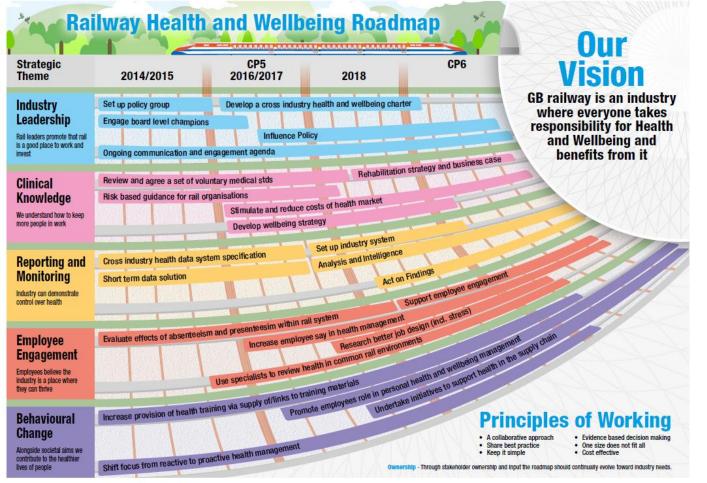


RAIB – railway investigation body

- RAIB Norwich Station incident due to microsleep or lack of concentration
 - > Short term lack of sleep
 - Prescribed medication
 - Information provided to the railway doctor
- RAIB the independent railway accident investigation organisation.
 - Industry learning on safety, not establishing liability or blame, no enforcement role
 - Signatory to Work Related Deaths Protocol with BTP, ORR, HSE etc
 - Established by the Railway Safety Directive 2004/49/EC



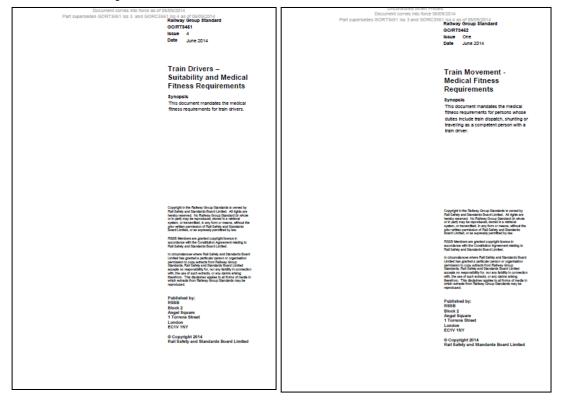
RSSB Industry Roadmap





RSSB Railway Group Standards

Issue Industry Standards – 3451 issue 4 & 3452 issue 1





RSSB : CIRAS Risks Catastrophic, Health & Safety

mantra "health like safety"





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Implementation of NR Health & Wellbeing Strategy







Health and Wellbeing: 6 Point Plan Summary

Objective

The objectives of the 6 Point Plan are a) to support the delivery of our Health and Wellbeing Strategy, b) to contribute towards our target of eliminating all new and worsening occupational related health disorders, (c) to improve the health and wellbeing of our people, and (d) to underpin our Vision of 'everyone fit for the future'. The Plan provides a number of targeted interventions which, when implemented with sufficient pace and rigour, will provide a sustainable step-change in the health and wellbeing of our organisation.

Scope

Components of the plan are: 1. Health Data and Management Information (MI), 2. Hand Arm Vibration Syndrome 3. Occupational-Related Respiratory Conditions 4. Mental Wellbeing, 5. Musculoskeletal Conditions, 6. Healthy Facilities

Culture



Impact

Network Rail will achieve the processes required to prove legal compliance, will be able to identify trends and impact related to health and will have the building blocks in place to support our people's wellbeing

Culture

This plan will touch all elements of our cultural aims and will support our move towards a fair, inclusive, innovative and risk-aware culture

Fatality Diagnosed Chronic Condition

Health Condition

Behaviours and Activities

Team

Given the breadth and complexity of the challenges, a number of cross functional teams will deliver each part of the plan. Members of teams will be used as required, with some having regular involvement and others acting as points of contact or giving input as required

Target

Increased participation in health surveillance across Network Rail Robust and accurate health and wellbeing data collected and assessed Mental wellbeing and musculoskeletal health trials completed in selected strategic business units

OFFICE OF RAIL REGULATION

Risks

- 1. Executive level support drops off. 2. Lack of resources to deliver the programme
- 3. Big incident changes priorities. 4. Routes/IP deviate from programme 5. TUs/Employees do not support our programme

Links

1. Safety and Wellbeing Strategy 2. Sustainability Strategy 3. HR 4. Diversity and Inclusion 5. ORR Occupational Health Strategy

Transport for London & TOC strategies



Health, Safety and Environment report 2012/13 Southeastern Health and Wellbeing Strategy 2014-16





Transport for London

MAYOR OF LONDON

Thank you Any questions? Claire.dickinson@orr.gsi.gov.uk Tel: 0207 282 3742

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