

Railway Group Standard

GO/RT3279

Issue 8

Date December 2013

High Visibility Clothing

Synopsis

This document sets out the minimum specification for high visibility clothing.

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Issue record

Issue	Date	Comments
One	December 1994	Original document (emergency standard)
Two	April 1995	Superseded issue one
Three	October 1995	Superseded issue two, giving limits to the background colour and altering permitted marked designations
Four	August 1996	Amended in respect of hot work and implementation statement reinstated
Five	December 1999	Amended in respect of markings required for Railway Incident Officer on high visibility clothing
Six	August 2008	Amended following filtering under Strategy for Standards Management – decision to retain and revise presentation
Seven	September 2012	Amended following proposal 11/040: Clause 2.1.1.4 Hot Work and B.6.1 Fasteners were withdrawn. Other current requirements were retained and moved to Appendix A. This is to make a clear difference between the operational requirement in Part 2 (concerning the provision of high visibility clothing) and the technical requirements in Appendix A (concerning the specifications for the high visibility clothing).
Eight	December 2013	Amended as part of the 12 monthly review to incorporate a title and reference change to document BS EN 471:2003 +A1:2007. New reference is BS EN ISO 20471:2013 and the new title is High visibility clothing – Test methods and requirements (ISO 20471:2013).

Amended or additional parts and/or sections of revised pages have been marked by a vertical black line in the adjacent margin.

Superseded documents

The following Railway Group documents are superseded, either in whole or in part as indicated:

Superseded documents	Sections superseded	Date when sections are superseded
GO/RT3279 Issue seven	all	01 March 2014.

GO/RT3279 Issue seven ceases to be in force and is withdrawn as of 01 March 2014.

Supply

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High Visibility Clothing

Contents

Section	Description	Page
Part 1	Purpose and Introduction	4
1.1	Purpose	4
1.2	Introduction	4
1.3	Approval and authorisation of this document	5
Part 2	Requirement for high visibility clothing	6
2.1	Requirement applicable to infrastructure managers and railway undertakings	6
Part 3	Application of this document	7
3.1	Application - infrastructure managers	7
3.2	Application - railway undertakings	7
3.3	Health and safety responsibilities	7
Appendices		
Appendix A	Design requirements for high visibility clothing	8
Definitions		11
References		12
Tables		
Table A.1	Target colour for background material	8
Table A.2	Tolerance of target colour for background material	8
Table A.3	Minimum area of visible material for high visibility mini-vests	9
Figures		
Figure A.1	Disposition of background and retro-reflective material for high visibility mini-vests	9
Figure A.2	Special markings on high visibility clothing	10

High Visibility Clothing

Part 1 Purpose and Introduction

1.1 Purpose

- 1.1.1 This document mandates minimum requirements for high visibility clothing that is to be provided for wearing by people when on the lineside or on or near the line. It applies to all high visibility clothing worn in order to meet the requirements of GE/RT8000 Rule Book.

1.2 Introduction

1.2.1 Background

- 1.2.1.1 High visibility clothing is an essential item of personal protective equipment, providing drivers of rail movements with a conspicuous warning of the presence of people within view on the lineside or on or near the line. Similar benefits accrue to those managing the safety of workgroups, by improving visibility of people when needing to account for them having moved to a place of safety.
- 1.2.1.2 In addition to the importance of lineside visibility, it is also useful, in certain defined circumstances, for some role titles (for example of staff engaged in incident management or rendering first aid) to be added to high visibility clothing. This will assist in clearly identifying staff with critical responsibilities in certain situations.
- 1.2.1.3 Where reference is made to the BSI Standards Publication it refers to the version in force. Stakeholders should refer to the most up to date version of that publication.

1.2.2 Principles

- 1.2.2.1 The requirements of this document are based on the following principles:
- a) High visibility clothing worn by people on the lineside or on or near the line should conform to a single standard for the colour and luminance of background material and that this standard will accord with the detail contained within BS EN ISO 20471:2013 High visibility clothing -Test methods and requirements (ISO 20471:2013). The colour specific requirements within this standard conform to the range specified within BS EN ISO 20471:2013 clause 5.1.2. In order to confine this to a specific orange colour, and to prevent the selection of colour at the red end of the spectrum, the precise chromaticity co-ordinates for the colour are specified in Appendix A.
 - b) High visibility clothing worn by people on the lineside or on or near the line should conform to a single standard for the photometric and physical performance of retro-reflective material to aid conspicuousness in darkness or poor visibility. This standard will accord with the detail contained within BS EN ISO 20471:2013.
 - c) Limits should be established regarding additional markings or words that identify the employing company or particular roles eg Rail Incident Officer (RIO), to maximise the impact of a restricted number of titles, assist in recognition of incident management roles to members of the emergency services and avoid information overload.
 - d) There are circumstances, where material to cover a large surface area is not considered necessary, where use of a high visibility mini-vest is permitted.