

SECTION 216

PERMANENT WAY MATERIALS

Materials generally

All materials used shall be as specified on the Contract Drawings, or in the relevant Particular Specification as applicable and shall comply with:

- (i) Railtrack Line Standards listed in Appendix A to Railtrack Line Standard RT/CE/S102,
- (ii) Railtrack Line Standards, and BR Specifications listed in Table 216/1,
- (iii) Permanent Way Standard Drawings in accordance with Section 210: Permanent Way General.

Table 216/1		
Railtrack Line Standard	Title	
RT/CE/S004	Switch and Crossing Assemblies	
RT/CE/S015	Self Shielding Flux Cored Wire for the Weld Repairs of BS 11 Normal and 'A' Grade Rails	
BR Specification	Title	Railtrack Line Specification
BR 124	Cast Austenitic Manganese Steel Crossings	
BR 647	Lubricating Oil for Points and Fishplates	
BR 654	Slide-Chair Lubricants	
BR 667	De-Icing/Anti-Freezing Lubricants	

Materials shall be selected to suit the track category and track types in accordance with Railtrack Line Standard RT/CE/S102 at the location.

Except where specified or permitted otherwise in the relevant Particular Specification, or otherwise specified in this Specification, all materials shall be new.

Where permitted otherwise in the relevant Particular Specification, the acceptability of the particular material proposed to be reused shall be agreed by the Employer's Representative.

Materials in accordance with Permanent Way Standard Drawings or Railtrack Line Standards shall be deemed approved.

Further to Railtrack Line Standard RT/LS/S008, materials and components stored temporarily on the Site shall be stored a minimum 3.0 metres clear of the rails, unless permitted otherwise elsewhere in this Specification and shall be secured to minimise the possibility of theft, vandalism, or disturbance by passing trains.

(216.001)

**Approved
Permanent Way
components and
associated
processes**

- 2** All Permanent Way components and associated processes shall be subject to approval by Railtrack, and where specified shall be in accordance with the relevant Particular Specification.

A list of current approved components and associated processes is available from:

Assistant Permanent Way Standards Engineer,
Director Civil Engineering,
Eastside Offices,
Kings Cross Station,
London N1 9AP

Tel: 0171 465 9212
Fax: 0171 465 9210

Permanent Way components and associated processes in accordance with a Railtrack Line Standard shall be considered approved.

Should the Contractor propose to utilise a component not previously approved by Railtrack, full details of the proposed component and where applicable, associated process shall be submitted to the Employer's Representative, and such components shall not be incorporated in the Works until Railtrack's approval has been obtained. Allowance for such approval procedures shall be included in the Contract programme.

(216.002)

Track drainage

- 3** Materials incorporated in track drainage shall be in accordance with Section 185: Track Drainage.

(216.003)

Blanketing sand

- 4** The source of blanketing sand proposed to be used shall be agreed by the Employer's Representative.

Quality assurance and testing shall be in accordance with Railtrack Line Standard RT/CE/C010. A copy of the certificate and records of testing confirming compliance with Railtrack Line Standard RT/CE/S033 shall be provided as appropriate to the frequency of testing.

(216.004)

Track ballast

- 5** The source of track ballast proposed to be used shall be agreed by the Employer's Representative.

Quality assurance and testing shall be in accordance with Railtrack Line Standard RT/CE/C009. A copy of the certificate and records of testing confirming compliance with Railtrack Line Standard RT/CE/S006 shall be provided as appropriate to the frequency of testing.

Any stockpiling arrangements and the Contractor's delivery proposals shall be subject to the agreement of the Employer's Representative.