

SECTION 213

PERMANENT WAY ACCEPTANCE STANDARDS

Notification of completion

- 1** When the track has reached the specified standard of level, alignment, and consolidation, the Employer's Representative shall be notified.
- (213.001)

Conditions for acceptance

- 2** The conditions for acceptance of Permanent Way Works as complete shall be as follows:
- (i) any errors in the level and alignment of all parts of the track when unladen do not exceed the geometrical track tolerances specified in Railtrack Line Standard RT/CE/S102 applicable to the line speed,
 - (ii) all track components have been correctly assembled, installed and are complete,
 - (iii) the track has been fully ballasted, regulated and compacted,
 - (iv) all rubbish and excess or redundant materials, rails, sleepers etc. have been removed from the Site, and all cesses, walkways, troughing routes, drains and drainage ditches or access routes to places of safety have been left clear,
 - (v) all bonding, electrical and signalling connections is complete and has been tested,
 - (vi) horizontal circular and transition curves have been marked in accordance with Clause 213.003,
 - (vii) certification in accordance with Clause 213.004 has been provided to the Employer's Representative,
 - (viii) survey records in accordance with Clause 213.005 has been issued to the Employer's Representative.

Until the track is accepted by the Employer's Representative as complete, packing and lining operations etc., shall continue, as necessary.

(213.002)

Marking of horizontal circular and transition curves

- 3** The start and finish of each the end of each horizontal transition curve, or change points within a compound curve shall be permanently marked by painting the sleeper yellow at the relevant point.

The length of horizontal transition curves and radius of the adjacent circular curve shall be permanently marked at the ends of the transition curve.

Cross levels shall be permanently marked on the sleepers in uniform 5 mm steps throughout each horizontal transition curve,

On circular curves the radius and cross level shall be permanently marked on the sleepers at quarter mile intervals.

(213.004)

Certification and inspection reports

4 Prior to issue by the Employer's Representative of a certificate of acceptance, the Employer's Representative shall be provided with certification and inspection reports for the following:

- (i) weld inspection reports in accordance with Appendix 213A,
- (ii) rail stressing in accordance with Railtrack Line Standard RT/CE/S011,
- (iii) materials certification for rails,
- (iv) works to signalling equipment completion and testing in accordance with Section 222: Signalling Interface with Permanent Way,
- (v) works to electrification equipment completion and testing in accordance with Section 223: Electrification Interface with Permanent Way,
- (vi) works to points heating equipment completion and testing in accordance with Section 224: Electrical and Plant Interface with Permanent Way.

(213.004)

Survey records

5 Prior to the issue by the Employer's Representative of a certificate of acceptance, the Employer's Representative shall be provided with a copy of the Contractor's survey of the completed track line and level to show that:

- (i) the geometrical tolerances on the designed position of the track specified in Railtrack Line Standard RT/CE/S102 applicable to the line speed have been achieved,
- (ii) details of electrification traction system and associated equipment in accordance Section 223: Electrification Interface with Permanent Way,
- (iii) the specified clearances between the track and lineside structures have been achieved and that existing clearances have not been worsened or reduced below Standard as applicable.

(213.005)

Construction records

6 Following acceptance of the Permanent Way, the Employer's Representative shall be provided with copies of construction records including drawings to show the Permanent Way as constructed and including where applicable:

- (i) information from trial holes and soils investigation,