



BSI Standards Publication

Railway applications — Track — Railbound construction and maintenance machines

Part 1: Technical requirements for running

National foreword

This British Standard is the UK implementation of EN 14033-1:2017. It supersedes BS EN 14033-1:2011, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee RAE/2, Railway Applications - Track.

A list of organizations represented on this committee can be obtained on request to its secretary.

The UK committee draws users' attention to the distinction between normative and informative elements, as defined in Clause 3 of the CEN/CENELEC Internal Regulations, Part 3.

Normative: Requirements conveying criteria to be fulfilled if compliance with the document is to be claimed and from which no deviation is permitted.

Informative: Information intended to assist the understanding or use of the document. Informative annexes do not contain requirements, except as optional requirements, and are not mandatory. For example, a test method may contain requirements, but there is no need to comply with these requirements to claim compliance with the standard.

The UK committee draws users' attentions to Annex C, which is erroneously shown as 'Normative'. The committee suggests that Annex C is informative because it is referred to in subclause 20.3.1 c) as an example, therefore making it not mandatory.

The UK committee draws users' attentions to Annex B, Table B.1, line 12, where the minimum energised overhead contact line height is shown as 4190 mm. It should be noted that this height is for machine design purposes only; the actual minimum wire height in some locations is lower than this, but special operational rules cover these areas.

The UK committee would also like to highlight that subclause 11.2 of BS EN 14033-1:2017 makes reference to Figure A.11 in EN 50238-1:2003. Unfortunately, BS EN 50238-1:2003 has an error in numbering and the correct figure, which should be used as a reference, is titled Figure A.22, Sensitive zone of wheel detector, in BS EN 50238-1:2003.

When speeds in km/h require unit conversion for use in the UK, users are advised to use equivalent values rounded to the nearest whole number. The use of absolute values for converted units should be avoided in these cases. Please refer to the table below for agreed conversion figures:

INS, RST and ENE speed conversions	
km/h	mph
5	3
10	5
20	10
30	20
80	50