

BSI Standards Publication

## Railway applications Environmental conditions Design guidance for rolling stock

## National foreword

This Published Document is the UK implementation of CEN/TR 16251:2016.
The UK participation in its preparation was entrusted by Technical Committee RAE/4, Railway Applications - Rolling stock systems, to Panel RAE/4/-/5, Railway applications - Environmental conditions.

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

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 |
| 2 | 1 |
| 3 | 1 |
| 5 | 3 |
| 10 | 5 |
| 15 | 10 |
| 20 | 10 |
| 30 | 20 |
| 40 | 25 |
| 50 | 30 |
| 60 | 40 |
| 80 | 50 |
| 100 | 60 |
| 120 | 75 |
| 140 | 90 |
| 150 | 95 |
| 160 | 100 |
| 170 | 105 |
| 180 | 110 |
| 190 | 120 |
| 200 | 125 |
| 220 | 135 |
| 225 | 140 |
| 230 | 145 |
| 250 | 155 |
| 280 | 175 |
| 300 | 190 |
| 320 | 200 |
| 350 | 220 |
| 360 | 225 |

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