

METHOD OF TEST FOR THE DETERMINATION OF PERCENT COMPACTION OF COMPACTED BITUMINOUS PAVING MIXTURE (MRD METHOD) LS-287 R16

3. TEST PROCEDURE

4. CALCULATION

4.1 The percent compaction is given by the equation:

% Compaction = $\left(\frac{BRD}{MRD} \times 100\right) + C$

Where:

BRD	= bulk relative density of the pavement sample
MRD	= theoretical maximum relative density of the pavement sample
С	= thickness correction factor (0.1% for each whole millimetre that the pavement course thickness is less than 40 mm)

6. GENERAL NOTES

6.1 The pavement sample taken for establishing the thickness and bulk relative density must be free from distortion or cracks or foreign material, and must consist of a minimum of a 150 mm diameter core with a minimum mass of 1000 g, or a sawn sample of the same minimum mass.....

6.2 Where desirable, specimens may be separated from other layers by shearing or other means provided a well defined construction plane is achieved.....

COMMENTS