

METHOD OF TEST FOR DETERMINATION OF PERCENT AIR VOIDS IN COMPACTED DENSE BITUMINOUS PAVEMENT MIXTURES

1. SCOPE

1.1 This method covers determination of the percent air voids in compacted dense bituminous paving mixtures.

2. RELEVANT DOCUMENTS

2.1 ASTM D 3203

3. PROCEDURE

3.1 Procedure of ASTM D 3203 shall be followed, except as noted below.

4. EXCEPTIONS

4.1 Calculate the percent air voids in a compacted bituminous paving mixture as follows:

$$\text{percent air voids} = \frac{J - c}{J} \times 100$$

J = theoretical maximum relative density of bituminous mix.

c = bulk relative density of compacted mix.

4.2 Report results to one decimal place.