

TRANSPORTATION ENGINEERING LAB

Paper Code: ETCE-352

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Note: Based on theory 8-10 experiments are to be performed. The list is provided below:

List of Experiments:

1. Aggregate crushing strength test.
2. Los Angeles Abrasion test.
3. Aggregate impact test.
4. Flakiness index and elongation index test.
5. Penetration test.
6. Ductility test.
7. Viscosity test.
8. Softening point test.
9. Flash and fire point test.
10. Determination of bitumen content by centrifuge extractor.
11. Determination of marshal stability value.
12. Determination of rebound deflection of pavement by Benkelman beam.

NOTE:- At least 8 Experiments out of the list must be done in the semester.