

Aggregate Tests (Concrete & Asphalt Purpose)

Material finer than 75µm sieve
Light weight particles in aggregate
Clay Lumps & Friable particles
Organic Impurities in fine aggregate
Los Angeles Abrasion Value
Crushed Face particles
Sand Equivalent Value
Sieve Analysis
Fineness Modulus
Potential Alkali Reactivity (Chemical Method)
Unit Weight & Voids in Aggregate
Soundness of Aggregate (MgSO ₄ & Na ₂ SO ₄)
Flakiness Index
Elongation Index
Relative density (Specific gravity)
Water absorption
Bulking of sand
Bulk density (loose)
Bulk density (rodded)
Voided shell content
Aggregate Impact Value (AIV)
Aggregate Crushing Value (ACV)
Ten percent fines value (TFV)
Attrition test
Chloride Content
Water soluble Sulphate content
Acid soluble Sulphate content
Drying Shrinkage
Polished Stone Value
Angularity number
Shape Index
Micro-Deval coefficient
Carbonate Content
Humus Content
Compaction factor
Bitumen stripping Value
Petrographic Examination (S)