

Chemistry Laboratory Overview

The Chemistry Laboratory conducts fundamental studies of highway materials to understand both failure mechanisms and superior performance. New standard test methods are developed to improve and facilitate the chemical analysis of highway materials and to characterize and quantify new or alternative sustainable materials. The Laboratory also assists with forensic investigations of premature failures of pavements and other highways structures.

Laboratory glassware

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Lab Equipment

- ERLLENMEYER FLASK.
- BEAKER.
- TEST TUBE.
- VIAL WITH CAP.
- Glassware- used for measurement. VOLUMETRIC FLASK. GRADUATED CYLINDER. PIPET. BURET.
- Equipment often used in Titrations. RING STAND. BURET CLAMP. UTILITY CLAMP.
- Miscellaneous. FUNNEL. WATCH GLASS. CRUCIBLE **TONGS**. GLASS STIR BAR. MAGNETIC STIR BAR. DISPOSABLE PIPET. WASH BOTTLE. PIPET BULB.

