Asphalt Testing Services

Mix Design, Binder, and Performance Testing





The National Center for Asphalt Technology (NCAT) is one of the world's leading institutions for asphalt pavement research and testing. We develop and evaluate new products, design technologies and construction methods that lead to asphalt pavement improvements.

Our mission is to provide innovative, relevant, and implementable research, technology development and education that advances safe and economically sustainable asphalt pavements.

NCAT's AASHTO-accredited laboratories are fully equipped with the latest equipment and can provide independent performance testing for a nominal fee.

We offer:

- Semi Circular Bend Test (SCB)
- Indirect Tensile Creep Compliance
- S-VECD Fatigue Test
- Bending Beam Fatigue
- Bond Strength
- Tensile Strength Ratio (TSR)
- Disk-Shaped Compact Tension Test (DCT)

- Hamburg Wheel-Track Testing
- Asphalt Pavement Analyzer (APA)
- Flow Number
- Dynamic Modulus (E*)
- Resilient Modulus (Mr)
- Overlay Test
- Illinois Flexibility Index Test (I-FIT)

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