

WHY ENGAGE IES FOR OUR LABORATORY

Practical solutions, Right specifications

IES actively looks for the most buildable, cost-effective answer that meets technical and code requirements. We do not add complexity that does not serve the project

In-house Coordination

Testing by the same firm performing field investigations reduces interpretation errors and speeds decisions

Turnkey if You need it

Structural, geotechnical, subsurface improvements, inspections, and laboratory services available from one team. Survey coordination handled when needed

Qualified Professionals

Laboratory staff hold AASHTO, ACI, ICC, and NICET certifications with 20+ years of combined experience

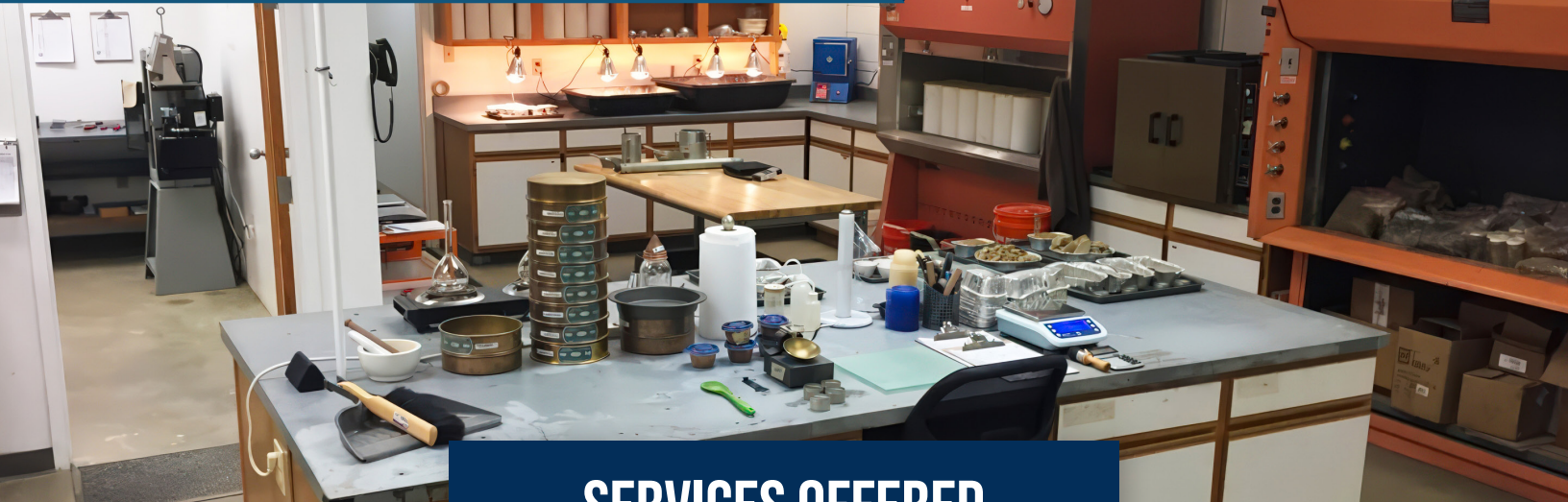
AASHTO Accreditation

Formal recognition of laboratory competency for specific test methods on construction materials

Flexible Engagement

Accepts standalone testing work and supports IES engineering and inspection projects as part of an integrated team





SERVICES OFFERED

AASHTO-Accredited. Ingram Engineering Services operates a full-service soils and materials testing laboratory at our West Chester, PA office, accredited through the AASHTO Accreditation Program. All testing follows strict ASTM and AASHTO standard procedural requirements. Clients work directly with our lab team for results and analysis without internal lag. Responsiveness is not a promise, it is how IES operates.

Materials tested: Soil and subgrade, aggregates, concrete, grout, mortar, rock core, asphalt, sprayed fire resistive materials (SFRM), soil-cement, and landscaping materials.

Soil Classification and Gradation

USCS, AASHTO, USDA; sieve and hydrometer; Atterberg limits; Proctor; permeability; CBR; direct shear

Compressive Strength Testing

Concrete cylinders, grout, mortar, rock core, and soil specimens

Aggregate Testing

Gradation, quality, and material characteristics for construction applications

Asphalt Testing

Confirmation of field density testing for placed and compacted asphalt to verify Marshall density values and compliance with project specifications.

Fireproofing Inspection

Thickness, density, and bond strength per project and code requirements. We inspect both SRFM (Spray-applied) and IFRM (Intumescent)

Soil-Cement Analysis

Strength characteristics and suitability for construction applications

Environmental Sampling

Phase I & Phase II Environmental Site Assessments (ESAs), and Clean Fill Certifications for site compliance and material export/import.

Landscaping Materials Testing

Physical characteristics and suitability for materials approval for use and amendment recommendations based on project specifications.