

MOUNTAIN ENGINEERING AND TESTING, INC.

STATEMENT OF QUALIFICATIONS

CORPORATE PROFILE

Mountain Engineering and Testing, Inc. (MET) is a professional consulting engineering firm with offices located in Monte Vista and Salida, Colorado, providing geotechnical and structural engineering, wetlands consultation, construction materials testing services, foundation designs, and on-site wastewater treatment system design in the Central Rocky Mountains. The goal of Mountain Engineering and Testing, Inc. is to provide quality, cost-effective engineering and excellent service to every client regardless of project size or complexity.

Mountain Engineering and Testing, Inc. brings more than 50 years of combined professional engineering and materials testing experience to our projects. Our philosophy of building long-term client relationships and the service we provide has resulted in many repeat clients and a solid reputation in the engineering community. We understand that both financial and time constraints are important factors to any project and will always work with our clients to achieve a balance with their project needs.

Our diverse group of clients located throughout Colorado has led to a wide range of varied and complex projects. The projects include geological and geotechnical studies for roads, bridges, pipelines, commercial and municipal structures, dams, and subdivisions. MET has provided construction materials testing services for numerous Colorado Department of Transportation projects, municipalities throughout Colorado, and a wide variety of owners, contractors and suppliers.

SERVICES

Mountain Engineering and Testing, Inc. provides complete geotechnical, laboratory, and construction materials testing services. Our specific services include:

- **Geotechnical Engineering**

Mountain Engineering and Testing's Geotechnical Engineering services are provided by licensed engineers and professional engineering geologists with over 40 years of combined experience with the local soils and geology. Our engineers have experience performing geotechnical investigations for commercial, residential, and municipal structures, as well as airports, reservoirs, pipelines, roadways, pavements, and bridges.

- Geotechnical Engineering Studies
- Pavement Thickness Design
- Foundation Design
- On-site Wastewater Treatment System Designs

1537 G Street Salida, CO 81201 (719)539-2312 Fax (719)530-9111	 MOUNTAIN ENGINEERING AND TESTING, INC.	2035 1/2 Grande Avenue Monte Vista, CO 81144 (719)628-2069 Fax(719)530-9111
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○ **Wetlands Consulting**

Mountain Engineering and Testing's personnel perform wetland services in accordance with the US Army Corps of Engineers Guidelines and are familiar with the Rocky Mountain Region wetland vegetation, soils, and hydrologic indicators.

- Wetlands delineation
- Section 404 permitting
- Wetlands mitigation design and monitoring

○ **Construction Materials Testing**

Mountain Engineering and Testing's field testing is performed by qualified technicians under the supervision of a registered professional engineer. Technicians are certified by ACI, CAPA, LabCAT, WAQTC, ICC, OSHA-40 Hour, Troxler and other appropriate agencies. Field testing is performed using ASTM, AASHTO, Colorado Procedures (CP-L), and other applicable specifications and guidelines.

- Moisture/density testing on compacted soils and asphalt
- Concrete reinforcement observations
- Concrete, shotcrete, and grout testing including: Slump, entrained air, temperature, unit weight, and casting cylinders
- Asphalt placement observation and sampling
- Structural masonry special inspection
- Deep foundation special inspections

○ **Laboratory Analysis**

Mountain Engineering and Testing's in-house laboratories are equipped to test soils, aggregates, concrete, and asphalt. All laboratory testing is conducted in accordance with quality control guidelines of ASTM, AASHTO and other recognized standard test procedures.

- Soils and aggregate tests include: Standard and modified proctors, gradation, Atterberg limits, hydrometer, swell/consolidation, soluble sulfates, salt/sand content, moisture content, relative density, and specific gravity, flat and elongated pieces, fractured faces, and water soluble sulfates,
- Compressive testing for concrete, shotcrete, grout, and mortar; Flexural concrete testing for concrete pavement.
- Asphalt tests include: Asphalt content using chemical extraction, gradation, RICE, nuclear pan calibration, and specific gravity
- Asphalt, concrete, shotcrete, and masonry coring

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