



**BUREAU
VERITAS**

Bureau Veritas **Services**

CONSTRUCTION MATERIALS TESTING / GEOTECHNICAL ENGINEERING

Providing cost-effective geotechnical and materials issues solutions.

BUSINESS CHALLENGE

Testing of construction materials and geotechnical analysis are essential in building structures that meet regulatory requirements and will stand the test of time. To minimize costly construction delays, you need a reputable partner to ensure that construction materials meet design specifications and that the site you have chosen is adequate for the structure you wish to place on it.

SOLUTION

What are Construction Materials Testing and Geotechnical Engineering services?

Bureau Veritas is a national leader in providing Geotechnical Engineering and Construction Materials Testing. Geotechnical Engineering and quality assurance testing and inspection requires a consulting engineering firm that is both knowledgeable and experienced in the local geology and regional and national standards. Bureau Veritas' ability to advise, interpret, and produce time, accurate reports, adds value to our clients' projects through achieving tangible benefits including:

- Providing cost-effective geotechnical and materials issues solutions
- Assisting in developing and implementing quality assurance programs
- Complying with regulatory requirements

Construction Materials Testing and Geotechnical Engineering Services include:

- Geotechnical Subsurface Explorations
- Geotechnical Engineering Services
- Geotechnical and Construction Materials Testing Laboratory Services
- Construction Materials Testing Field Services

WHY CHOOSE BUREAU VERITAS?

- **Experience** - Bureau Veritas has a keen understanding of the local geology and construction standards in the geographies in which we provide services. The experience allows us to provide cost-effective solutions that minimize time delays during construction and design.
- **Expertise** - Our highly-skilled and dedicated Construction Materials Testing and Geotechnical Engineering professionals help businesses achieve compliance with federal, state, and local regulations.
- **Network** - The worldwide Bureau Veritas network has over 39,000 employees with 900 offices worldwide.

RELATED SERVICES

Bureau Veritas offers a wide range of services related to Construction Materials Testing and Geotechnical Engineering:

- Preliminary and design subsurface exploration
- Standard penetration tests
- Rock coring
- Site selection and planning assistance
- Shallow and deep foundation design recommendations and analysis
- Slope stability analyses and earth retention systems, retaining walls, etc.
- Dewatering specifications and consultation
- Seismic hazard analysis
- Evaluation and mitigation of liquefaction and other geotechnical hazards
- Laboratory Services for:
 - Aggregates
 - Asphalt
 - Concrete
 - Masonry
 - Rock/Soil
 - Steel
- Stripping/rock excavation operations
- Soil compactions
- Shallow and deep foundation construction
- Concrete placement (field and plant)
- Reinforcing steel and post-tensioning
- Masonry construction
- Precast concrete (field and plant)
- Structural steel fabrication (field and shop)
- Spray applied fireproofing
- Roofing and waterproofing
- Asphalt concrete batch plant and pavement construction
- Pavement consulting and evaluation
- Non-destructive testing



OUR APPROACH

Bureau Veritas' Construction Materials Testing and Geotechnical Engineering division has a proven track record in both the public and private sectors. We have successfully completed complex multi-story and high-rise projects, waterfront and off-shore projects, major civic arena and stadium projects, airport and rapid transit projects, educational facilities, commercial development, and road and bridge projects.

The vast array of projects with which we work, and the various Construction Materials Testing and Geotechnical Engineering services we provide, requires us to approach each project with a clean slate and develop a customized solution to meet each client's goals.

Our experience in various geographies and with a multitude of projects and materials ensures that we can provide the field services and laboratory analysis that you need to keep your design and construction tasks on schedule and on budget. From assistance in site selection to development of quality assurance programs and from field services to laboratory analysis, you can rest assured that Bureau Veritas will provide you with sound, dependable analyses.

FAQ

How long have you been providing IH services?

Bureau Veritas, and its qualified professionals, have been providing Industrial Hygiene services for companies, large and small, for over 50 years. With certified staff in all fields of workplace health and safety,

Bureau Veritas has the expertise to provide all of your Industrial Hygiene needs.



**BUREAU
VERITAS**

Shaping a World of Trust

CONTACT

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FOR MORE INFORMATION

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