

GSG-Probe Consulting, Inc.

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GSG-PROBE CONSULTING, INC.

Specialty Consulting Services

www.spc-inc.com



COMPANY OVERVIEW

GSG-Probe Consulting, Inc. is a Hispanic-owned, infrastructure engineering and scientific consulting firm based in Chicago. Established in 2003, the firm offers structural – architectural engineering, industrial hygiene, environmental engineering, and occupational safety consulting services. We maintain a staff of over 40 technical professionals delivering specialty consulting services for new infrastructure development, expansion, and renovation throughout Illinois and beyond.

MISSION

It is our mission to help our clients manage risk, reduce design and construction costs, and protect human health and the environment by delivering strategic, sustainable, and technically sound services. We demonstrate a thorough understanding of our client's needs and work closely with them to define achievable targets, objectives, and expectations. We are committed to providing our clients with the highest quality of service at a competitive price and in a timely manner.

VISION

Our vision is to develop long-term working relationships by instilling a high level of trust and confidence in our services and creating lasting value for our clients.



STRUCTURAL ENGINEERING

- Structural Design
- Failure Investigation
- Construction Administration
- Load Rating
- Temporary/Emergency Stabilization
- Structural Condition Assessment
- Repair and Retrofit Design
- Peer Review and Value Analysis

BUILDING ENVELOPE ENGINEERING

- Façade Assessment
- Façade Design and Engineering
- Façade Failure Investigation
- Ordinance Inspection
- Roofing and Waterproofing
- Condition Assessment
- Construction Administration
- Historic Preservation

STRUCTURAL/ARCHITECTURAL ENGINEERING

Our structural engineers collaborate with architects, building owners and builders to design solutions for projects of all types, sizes and levels of complexity. GSG-Probe continually seek the best balance among the demands of form, function, sustainability, constructability, schedule and budget. We constantly challenge ourselves to find new ways to design and deliver projects faster, more efficiently and more cost-effectively than ever before.

Building owners, managers, contractors, and architects turn to GSG-Probe when they need a firm that fully understands the aesthetic and functional performance requirements for their building enclosure systems. We have extensive expertise and resources to provide comprehensive, practical, and innovative solutions for new and existing facade assemblies and other building enclosure systems. GSG-Probe experts combine state-of-the-art testing equipment with decades of hands-on experience in the field to diagnose and solve problems in both modern and historic structures.



INDUSTRIAL HYGIENE

GSG-Probe's industrial hygiene services protect human health and reduce liabilities to owners and employers through recognition, evaluation, and control of the physical, chemical, and biological hazards. Our industrial hygiene professionals have extensive training and experience in successfully identifying and mitigating a wide range of health and safety hazards at workplaces and in sensitive environments affecting children, patients, and elderly population. All our industrial hygiene technicians are trained in the proper use of our state-of-the-art equipment, and all exposure assessments are performed under the supervision of our Certified Industrial Hygienists and Safety Professionals.

HAZARDOUS MATERIAL MANAGEMENT

- Comprehensive/Demolition Surveys
- AHERA/NESHAP Inspections
- Universal Waste, PCBs, Chemical Surveys
- Project Designs/Specifications
- Project Management/Abatement Oversight
- Clearance Inspection and Sampling
- XRF Surveys, Soil, Water, Dust Testing
- Operations and Maintenance Plans

HUMAN EXPOSURE/RISK ASSESSMENT

- Regulatory Compliance
- Noise/Heat Stress
- EPA Ambient Air Monitoring
- Chemical Vapors, Metal Fumes
- Lead, Asbestos, Mold, Dust, Silica
- PPE Assessments
- Respiratory Protection and Fit Testing
- Work Area/Perimeter Monitoring

INDOOR ENVIRONMENTAL AIR QUALITY

- Baseline Indoor Air Quality Surveys
- Multi-Point Gas Monitoring
- Construction Monitoring/Infection Control
- Ventilation Studies/Tracer-Gas Studies
- Water Quality – Lead, Legionella, E Coli
- HVAC System Inspection
- Mold/Bacteria Assessment and Remediation
- Pharmacy/Clean Room Testing

DRINKING WATER QUALITY

- Lead in Drinking Water
- Legionella Bacteria
- Safe Drinking Water Compliance
- Regulatory Agencies Relations



ENVIRONMENTAL ASSESSMENT & REMEDIATION

- Underground Storage Tank Removal
- Phase II ESA
- RCRA/CERCLA Services
- LUST Management
- Brownfield Site Investigations
- Remedial Investigations
- Feasibility Studies
- Regulatory Negotiations
- Emergency Response Actions
- Groundwater Remediation Services
- Contaminated Soil Management
- Community/Public Relations
- Closure Documentation

ENVIRONMENTAL COMPLIANCE & PERMITTING

- NEPA Documentation
- Environmental Justice Analysis
- Public Outreach Programs
- Noise Impact Analysis
- Hazardous Waste Impact Analysis
- Geologic Risk Assessments
- Mineral Resource Impact Analysis
- Fatal Flaw Analysis / Siting Support
- Environmental Management Plans
- Emergency Response Plans
- Pollution Prevention Planning
- Pollutant and Exposure Monitoring
- Spill Prevention Containment

ENVIRONMENTAL ENGINEERING

GSG-Probe Consulting, Inc. provides a full range of environmental due diligence services for our clients, which includes local and state government agencies, land developers, and lending institutions. Our scientists and engineers have performed environmental due diligence assessments at a variety of sites ranging from undeveloped properties to complex industrial facilities. Our valuable advantage to our clients combining the strengths of our in-house engineering and design capabilities with our construction and remediation expertise. We work closely with site management personnel, engineers, contractors, subcontractors, and regulators to efficiently and effectively implement necessary environmental management measures allowing timely and informed financial decision-making associated with the scope and cost of managing site residuals, impacted media, and environmental consequences due to construction.



OCCUPATIONAL SAFETY CONSULTING

At GSG-Probe Consulting, Inc. our goal is for every employee of a facility or jobsite to return home in the same condition in which they arrived. GSG-Probe understands the safety challenges that face companies, as they often do not have the resources or technical staff to implement and maintain the variety of programs required by OSHA. Our services can be tailored to provide cost-effective programs for businesses that will proactively protect employees and the business bottom line. Similarly, we can assess the status of established safety programs for larger entities and provide required periodic training.

Our safety professionals maintain comprehensive knowledge and hands-on experience analyzing safety issues related to operation, construction, and demolition of facilities. We understand the need to closely coordinate tasks and schedules to provide for the safety of all employees and workers, working seamlessly with on-going operations. Our project teams are led by professionals with CIH, CSP, CHST and APL licenses and certifications.

SERVICES

- Safety Surveys, Inspection & Reporting
- Safety Training Programs & Certifications
- Contractor Supervision / Audits
- Safety Program Development & Management
- OSHA Reviews & Assessments
- Job Hazard Analysis
- Accident Investigation & Root Cause Analysis
- Loss Control & Risk Management
- Ergonomics

