



NATIONAL STONE, SAND
& GRAVEL ASSOCIATION

Job Title: Director, Engineering and Technical Policy
Reports to: NSSGA Vice President, Government and Regulatory Affairs

The National Sand, Stone and Gravel Association (NSSGA) is the leading voice and advocate for the aggregates industry. Our members – stone, sand and gravel producers and the equipment manufacturers and service providers who support them – are responsible for the essential raw materials found in every home, building, road, bridge and public works project and represent more than 90 percent of the crushed stone and 70 percent of the sand and gravel produced annually in the United States. In 2018, U.S. domestic production and use of construction aggregates amounted to 2.5 billion tons of crushed stone, sand and gravel—valued at \$25.1 billion. The aggregates industry employs approximately 100,000 highly-skilled men and women.

Position Summary

As Director, Engineering and Technical Policy, you will play an important role in shaping the aggregates industry’s government and regulatory affairs agenda. This position will report to NSSGA’s Vice President of Government and Regulatory Affairs. The position will represent the interests of the aggregates industry, specifically related to design and specifications for pavements and other construction applications, aggregate research and other assistance required by the membership. You will have direct contact with NSSGA members, affiliated industry organizations and various governmental agencies, and can work remotely or based in the Washington DC area. This position interacts with engineers and operators from the world’s top aggregate producers, state aggregate association executives, NSSGA staff, and government officials. The ideal candidate will be a forward thinker who is able to prepare the industry for the future.

In a typical day, you might receive emails from the CEO at a fortune 1000 company or high-ranking elected officials. You might attend meetings at FHWA, advocate for the industry on Capitol Hill, travel to participate in standards and research organizations, or gather information to better understand an emerging engineering and technical issue. You might monitor legislation pertaining to engineering techniques or take action on regulations.

Key Position Responsibilities

- Promote and defend the interests of NSSGA members on all engineering and technical related legislative and regulatory issues as well as provide technical assistance to members seeking to understand numerous agency’s specifications.
- Monitor and communicate external aggregate industry research critical to our membership.



- Develop and maintain relationships with officials at federal agencies (mainly FHWA, FAA, DoD, Army Corp) and on Capitol Hill, relevant to these issues.
- Arrange and facilitate meetings between association members and government officials on issues of importance to the industry.
- Analyze regulatory rules, regulations, guidance documents from relevant federal agencies as well as proposed legislation on topics such as resiliency, pavement specifications, sustainability and innovative materials.
- Prepare comments and position papers on proposed federal rules and write/oversee the drafting of detailed legal, technical, and advisory communications to NSSGA members on regulatory issues.
- Manage NSSGA's EPD project through implementation.
- Develop materials to provide technical guidance for association members.
- Actively participate in coalitions that promote the interests of the industry.
- Actively participate in standards and research organizations such as ASTM, ACI, AASHTO, DOD, TRB, and NCHRP.
- Liaison with technical staff of affiliated industry associations such as NRMCA, ACPA, PCA and NAPA.
- Manage the NSSGA website aggregate research section for structure and content.
- Analyze and interpret data for industry trends.
- Manage all aspects of the NSSGA Engineering and Technical Committee, including its annual budget, meetings and task groups, and provide guidance to members in providing effective influence with standards and research organizations and government agencies.

Background/Education Requirements

Education - Minimum BS degree in engineering, geology or other related field, with advanced degree and professional registration preferred.

Experience – Minimum five years of experience in one or more of the following areas: aggregate testing and quality control, asphalt design and production, concrete design and production, pavement design and engineering, and construction materials standards and research.

Advanced education/degrees will be considered in lieu of years of work experience.

Some travel will be required in this role.

Technical Skills

- Robust knowledge of construction materials standards and research organizations and the federal legislative and regulatory processes.
- Understanding of PCRs, LCAs and EPDs.
- Excellent communication skills (both written and oral).
- Strong presentation skills for both large and small groups at all levels internal and external to NSSGA.



- Ability to communicate complex regulatory initiatives in straightforward language at the highest levels of government and business organizations.
- Experience working and developing relationships with various national/state standards setting organizations.

Please provide resume and cover letter to hr@nssga.org. Located in Alexandria, VA, NSSGA provides a supportive work environment, excellent benefits and competitive compensation.

NSSGA is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age or veteran status.

