

ICAC MEMBER SPOTLIGHT

Highlighting ICAC member technologies, markets, and mission



Burns & McDonnell

ICAC is comprised of member companies from every corner of the air pollution control industry. Our Member Spotlight series features various ICAC members and their technologies. In this issue, we are turning the spotlight on Burns & McDonnell, a leading engineering, procurement, and construction firm in North America and globally.

WHO THEY ARE

Celebrating its 125th anniversary in 2023, Burns & McDonnell is an industry veteran providing construction, engineering, architecture, environmental, and consulting services. Burns & McDonnell has over 70 offices globally, with headquarters in Kansas City, Missouri.

WHAT THEY DO

Burns & McDonnell is an integrated engineer-procure-construct (EPC) firm that specializes in permitting, engineering, and construction services across a wide variety of industries. They serve a diverse portfolio of markets, including the power industry, oil, gas, and chemicals; heavy industrial construction; mining; water and wastewater; transportation; and the aviation industry. They provide technical and project management services to energy companies across the globe.

As an integrated EPC firm, they engineer and construct environmental compliance projects that improve air quality and ensure the deployment of clean technologies. They also work directly with oil and gas, chemicals, and power industries to help meet water and emissions requirements, utilizing technology providers with proven performance capabilities.

With the rapid development of emerging technologies and alternative fuels, Burns & McDonnell continues to provide services to explore the best path forward for their customers to meet their sustainability goals. They are actively exploring **carbon capture utilization and storage** and **hydrogen** solutions for companies across the industry.

Burns & McDonnell also helps its clients navigate an evolving regulatory landscape and address challenges related to **Per- and polyfluoroalkyl substances (PFAS)**, a leading emerging contaminant, through site investigation, risk assessment, and remediation.

Services and Industries

Aviation, Commercial, Retail & Institutional, Environmental, Government, Military and Municipal, Manufacturing, and Industrial, Oil, Gas and Chemicals, Power, Telecommunications, Transportation and Water.

FAST FACTS

- Celebrating **125 years**
- **70 locations** with over **13,500+ employees** globally
- U.S. Headquarters: Kansas City, MO
- Specializes in **Engineering** and **Permitting**
- Active in ICAC's **Hydrogen** and **PFAS Workgroups**

ICAC's Burns & McDonnell Participation



Carbon Emissions Management Division



Domestic Conventional Pollutants Division



Emissions Measurement Division



A YEAR OF SUCCESS AND LOOKING FORWARD

In 2022, Burns & McDonnell expanded their 1898 & Co. consulting services for carbon, CO₂, and hydrogen system modeling, introducing extended avenues of clean energy services. They also witnessed rapid growth in their EPC services for battery energy storage systems and solar businesses, as well as a growth of interest in hydrogen applications, CCUS, advanced nuclear and small module reactors, and renewable fuels, such as RNG, SAF, and renewable diesel.

Driven by the Inflation Reduction Act and Bipartisan Infrastructure Law, Burns & McDonnell anticipates massive investments across clean energy sectors over the next five years, ultimately driving new business for the firm. In 2023, Burns & McDonnell plans to bring in almost 2,000 new professionals to support new projects and developments.

Facing prolonged project dates due to the lengthy compliance processes and court engagement, Burns & McDonnell understands the importance of being an active stakeholder in the regulatory compliance space. Along with ICAC, they will continue to engage with EPA, DOE and other government regulators in developing defensible approaches with commercially available proven technologies.

To learn more about Burns & McDonnell's products and to see the latest news and events, visit their website at <https://www.burnsmcd.com/who-we-are>

THE FUTURE

Burns & McDonnell anticipates massive investments across clean energy sectors over the next five years... In 2023, Burns & McDonnell plans to bring in almost 2,000 new professionals to support new projects and developments.

Connect with Burns & McDonnell

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