



Why Choose SAE

- Experts at what we do since 1990.
- Improve financial results and ROI.
- Increase infrastructure RELIABILITY and performance.
- Lower risk of catastrophic failures and service outages.
- Reduce legal liability of personnel safety and environmental damage.

SAE Inc. It can be done.

COMPANY PROFILE

SAE's innovative products and services solve the most challenging grounding, AC mitigation and cathodic protection issues. Initially, SAE focused on designing and installing electrical grounding systems predominantly in the telecommunication and industrial sectors. SAE's early grounding designs incorporated extensive horizontal and vertical copper conductor, electrode systems and a conductive backfill. Recognizing the need to continuously improve, SAE developed a proprietary conductive carbonaceous concrete backfill. **Conducrete®** has become an integral component of not only SAE's grounding designs, but more recently SAE AC mitigation and cathodic protection systems as it improves the performance, extends the useful life and protects the systems from theft.

Based on experience gained by solving complex grounding problems for clients such as NASA, along with years of research and development, SAE has developed a complete line of custom formulated backfills used for specific applications. SAE also began an innovation process that led to the development of its revolutionary **EnvirAnode®** cathodic protection system. The **EnvirAnode®** system, the only environmentally friendly CP system available, has been successfully installed and



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tested by major customers such as Enbridge, Southwest Gas, ONEOK, Kinder Morgan, Williams, Energy Transfer Partners, Questar/Dominion, DOW, CenterPoint, Praxair, and BHP Billiton.

Today, SAE is currently focused on establishing distribution for the **ConduDisc®** Utility Pole Ground Plate and **ConduFlow®** Pourable Backfill. All of which have been successfully installed and trialed by major utilities such as Hydro One, Toronto Hydro, Alectra, Lakeland Power, Altalink, Manitoba Hydro, Enmax, Epcor, SDG&E, and Southside CO-OP.

COMPANY TIMELINE

1990

Founded in 1990, SAE's aims to provide innovative services that solve the most challenging electrical grounding issues. Even in SAE's earliest years, SAE's grounding designs incorporated advanced horizontal and vertical copper conductor, electrode systems, and a conductive backfill.

1995

In 1995, SAE developed a proprietary conductive carbonaceous concrete backfill, **Conducrete®**, which amplifies the performance, extends the useful life, and protects systems from theft.

2002

SAE's innovation process continued in 2002, leading to the creation of the revolutionary **EnvirAnode®** Cathodic Protection (CP) Systems, which are the only environmentally friendly, long life CP systems available in the world.

2008

In 2008, a state-of-the-art manufacturing facility was commissioned, to enable SAE to manufacture its own products.

2017

In 2017, SAE expanded its core cathodic protection and grounding business through the launch of a variety of new products such as the **Canister Anode**: shallow cathodic protection systems, **ConduDisc®**: an encased utility pole plate and **ConduFlow®**: a liquid conductive backfill.

2018

In 2018, SAE's corporate headquarters and main manufacturing facility merged to better meet increasing product demands.