



Engineering Services – Application Engineer

Swagelok employs a team of engineers throughout the world as an extension of our headquarters in Solon, Ohio. Their mission is to be the technical liaison and advocate between the customer, our distributor network, and the factory by providing an extension of Swagelok engineering resources. Their primary focus is to provide technical expertise through a sound understanding of our customer's applications.

Brian McCullough

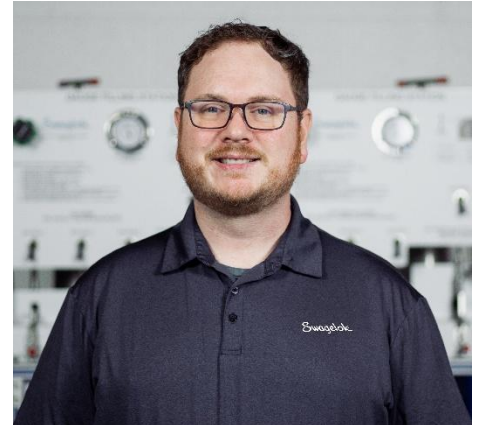
Home City: Philadelphia, Pennsylvania

Degree: Bachelor of Science, Industrial Engineering from Penn State University

Joined Swagelok: March 2024

Supporting Regions: Southeast Pennsylvania, New Jersey, & NYC

Email: Brian.McCullough@swagelok.com



Background:

Brian joined Swagelok NYC | NJ | Philadelphia as a CAD Specialist, coming from a former customer of the Swagelok Penn office, where he worked as a project engineer for gas compressor systems. He quickly excelled onto the application engineering track, completing the Swagelok Capstone event and is focusing on a specialty of the clean energy market given his experience with hydrogen compression / fuel cell vehicles.

Additionally, he has participated in additional training for the Swagelok Gas Distribution Program, Swagelok Training Essentials, and Basic Electrical Installation.

Services:

- Custom Solutions Design – Gas distribution systems, Automation, Custom Panels
- Create system CAD models & drawings
- Regulator sizing & selection
- Basic electrical design & fabrication

Market Expertise:

General Industry, Clean Energy

Product Knowledge:

Gas distribution, Valves, Regulators, VCR & Welded systems

Training Assistance Available:

Swagelok Tube Fitting Installation Essentials, Swagelok Tube Bending Essentials

Personal:

Trying to learn something new all the time and push his engineering skills, Brian has a range of outside interests from 3d printing, programming, robotics & automation to automotive maintenance and performance modification. At any given time, he could have several home projects from these interests going on.

