



MICHAEL McHALE, EIT CONSULTING ENGINEER

CREDENTIALS

- ♦ B.S. Chemical Engineering, Villanova University - 2018
- ♦ Engineer-in-Training (EIT) – 2018
- ♦ Method 9 Certification, Pennsylvania State University - 2019
- ♦ ALL4 Air Quality 101 – 2018
- ♦ ALL4 CMS Training – 2018

PROFESSIONAL EXPERIENCE

- ♦ **2021 – Present:** ALL4 LLC, Kimberton, PA – Consulting Engineer
- ♦ **2019 – 2021:** ALL4 LLC., Kimberton, PA – Project Engineer
- ♦ **2018 – 2019:** ALL4 LLC., Kimberton, PA – Staff Engineer
- ♦ **2017:** First Quality Retail Services, King of Prussia, PA – Reliability Engineering Intern
- ♦ **2016:** Silberline Manufacturing Co. Inc., Tamaqua, PA – Engineering Intern

TECHNICAL EXPERTISE

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| ✓ State and Federal air permit programs including Title V, construction permit applications, and minor source permitting | ✓ Air emissions inventories |
| ✓ Toxic Release Inventory (TRI) Reporting | ✓ NESHAP and NSPS Compliance Tracking and Reporting |
| ✓ Tier II Annual Reporting (EPCRA Section 312) | ✓ Best Available Control Technology (BACT) and (Lowest Achievable Emissions Rate (LAER) Analysis |
| | ✓ Greenhouse Gas Reporting (Subparts C and W) |

PROFESSIONAL OVERVIEW

Mr. Michael McHale graduated from Villanova University in May 2018 with a Bachelor of Science in Chemical Engineering. Mr. McHale is a Consulting Engineer with experience in air quality and compliance in various industries throughout the United States. His permitting experience includes Prevention of Significant Deterioration (PSD)/New Source Review (NSR) pre-construction permit applications and Title V renewal applications. His compliance experience includes development and management of spreadsheets for emissions inventories, post-project emissions tracking, NESHAP and NSPS compliance and reporting. .

Mr. McHale has worked on various project teams that support industries such as pulp and paper mills, oil and gas production and processing, surface coating operations, cement manufacturing, consumer product manufacturing, lead acid battery manufacturing, data center reliability, food and beverage manufacturing, power generation, petroleum refining/petrochemical and industrial chemical manufacturing.