



CREDENTIALS

- ◆ B.S., Chemical Engineering, Texas A&M University, 2017

PROFESSIONAL EXPERIENCE

- ◆ 2017-2018: Eastman Chemical Company, Longview, TX – Process Improvement Engineer
- ◆ 2018-Present: ALL4 LLC, Houston, TX – Project Engineer

TECHNICAL EXPERTISE

- ✓ State and Federal air permit programs including Title V Renewal Applications, construction permit applications, etc.
- ✓ Air emissions inventory development and submissions;
- ✓ SPCC Development and Compliance;
- ✓ Air Compliance Training;
- ✓ Annual/Semiannual compliance and emissions reporting.
- ✓ Emissions tracking;
- ✓ NSR/PSD Permit Support;
- ✓ Internal Combustion Engine (ICE) regulatory requirements analysis.
- ✓ BAT/BACT/LAER analyses.
- ✓ Flare Management Plans (FMPs)
- ✓ Greenhouse Gas (GHG) Reporting
- ✓ New/modified source air permitting;

PROFESSIONAL OVERVIEW

Mrs. Rachel Henn is a Consulting Engineer with a background in chemical manufacturing. Prior to joining ALL4, Mrs. Henn served as a Process Improvement Engineer in both ethylene oxide/ethylene glycol and paint additives manufacturing areas within the chemical plant. Her work aimed to improve process yields, capacities, and procedures. In her time, her experience ranged from plant expansion projects using dormant equipment, leading a turnaround for a reactor catalyst changeout, and various plant automation projects. This role required her to work closely with the environmental department to maintain compliance with permit limits, which led her to environmental consulting.

Mrs. Henn joined the Houston ALL4 team in 2018 and developed a wide range of skills in air quality permitting and compliance. She is well-versed in evaluating applicable requirements, preparing emissions inventories, Title V and New Source Review permitting, Spill Prevention, Control and Countermeasure Plan development and general compliance in various states.

Mrs. Henn has been actively involved in teams focusing on petroleum refining and chemicals where her manufacturing background has provided value to the project. She has also assisted in continuous monitoring system (CMS) audits in various facilities. She has experience in developing Flare Management Plans, Quality Assurance and Quality Control Plans, and various periodic reports for refining and chemical clients. She works closely with the American Chemistry Council as part of ALL4 project teams on a variety of projects (chemical MACTs, compliance, and sustainability). In addition to her work in chemicals, Mrs. Henn has been a part of a number of project teams, where she has interacted with other industries including pulp and paper mills, data centers, power generation, and wood-products.