DANIEL GIBBS

Education

B.S. - Chemical Engineering, Lehigh University, 2018



Professional Experience

Dan Gibbs joined SCS in 2024 as a Process Engineer. He is experienced in air separation, hydrogen liquefaction, and CO₂ purification and liquefaction. He has conducted engineering, commissioning, startup, and operations at facilities in the United States, Canada, and Brazil.

At SCS, Dan is supporting the design of renewable natural gas (RNG) facilities as a process engineer.

Prior to joining SCS, Dan's experience included the following projects:

Industrial Gases

Air Products, Cryogenic Plant Operations

Primary process engineering support for 10 multi-plant facilities across North and South America covering air separation, N₂ pipeline, CO₂ liquefaction, and H₂ production and liquefaction. Responsibilities included:

- Coordinated operations, logistics, and engineering support teams to plan and execute plant outages;
- Led evaluation for \$60MM asset group to identify new business opportunities, improve operational strategy, and develop investment plan for 10-year life extension;
- Identified opportunities for and designed projects to recognize efficiency and production improvements. In one key project, adjusted process equipment to measure five percent efficiency improvement, giving \$0.5MM/yr benefit; and
- Managed a team of six engineers through commissioning of a \$4MM retrofit to a nitrogen liquefier.