

AMERICAN CHEMICAL SOCIETY HEADQUARTERS

Washington, DC



Procon has provided Commissioning services to the American Chemical Society (ACS) for over 20 years.

Procon commissioned the ACS headquarters building in 2010 when it was originally Platinum LEED certified. In 2015 the headquarters building was re-certified Platinum, and the Othmer Building was certified LEED Platinum. In 2020, Procon again provided retro-commissioning for both buildings and they were re-certified Platinum under the LEED v4 rating system. In addition, Procon has provided mechanical engineering support for refrigeration and IAQ/EQ credits.

services provided

Commissioning

owner

American Chemical Society

completion

2021

Key Responsibilities

- Design, implementation oversight, and commissioning of a new building automation system (BAS)
- Energy Star consulting services and performed retro-commissioning and engineering consulting for ACS's LEED EB O&M certification and re-certification projects.
- Working closely with ACS's facility management and purchasing team, our team reviewed all prior LEED credit documentation, along with current building operations and documentation, in order to assist ACS in determining which LEED credits were achievable.
- Documentation was updated and revised as needed and LEED Online forms and uploads were completed. Consulting extended to all LEED credit categories.
- Engineering tasks for Energy & Atmosphere (EA) credits were performed, including ASHRAE Level I and Level II Energy Audits and Energy Star Portfolio Manager activities. Reviewed BAS trend data and building operations. For Indoor Environmental Quality (IEQ) credits, oversaw and reviewed outside airflow measurements and exhaust fan testing, and reviewed and updated ASHRAE 62.1 ventilation calculations.