



Chemicals

Client

Rohm & Haas

Location

Zárate, Buenos Aires, Argentina

Rohm & Haas Chemical Plant

Project Description

CH2M HILL Lockwood Greene provided design, procurement, construction management, and commissioning for a new chemical plant.

For client Rohm & Haas, we created a start-to-finish design through commissioning plan for a chemical plant built to operate a batch mode process manufacture of acrylic based emulsions for use in building products, adhesives, coatings, and leather processing.

The project successfully integrated partial and final completion dates, which allowed the plant to operate as a distribution centre while the process area was still under construction.

The contract included an incentive plan with a maximum guaranteed price and a final mechanical completion date, both of which were met successfully. The work developed in close coordination between CH2M HILL Lockwood Greene and the client, including a first phase of feasibility analysis and basic engineering, together with a detailed cost analysis and estimate in order to comply with a very exacting budget. The second phase required coordinating detailed plant facilities engineering, including plant build-out, QA laboratory and office design, and interface with procurement and construction. The work was completed with the plant start-up and commissioning.

The project won awards for meeting safety and budget goals, and the final construction budget saved more than 10 percent over the original estimate.