



# Chemical Plant Coater Process Facility

HVAC - Facility Expansion

**Contract Value:** \$8.5 million

**Project Description:** S. P. McCarl & Company, Inc. installed hundreds of thousands of pounds of ductwork with diameters as large as 36 inches. The scope of work included installation of nearly 30,000 feet of piping and numerous components of large mechanical and process equipment.

The project was completed under a very tight schedule with a total duration of approximately 10 months. S. P. McCarl & Company, Inc. worked over 57,460 man hours and also employed subcontractors working approximately 25,000 man hours. Peak manpower reached 80 tradespersons. S. P. McCarl & Company, Inc. is extremely proud to have managed this complex project with zero recordable injuries.

S. P. McCarl & Company, Inc. was initially awarded the HVAC ductwork contract. After a successful start to the project, S. P. McCarl & Company, Inc. received numerous contracts and installed all the mechanical systems including ductwork, plumbing, process piping, and large equipment setting.

**Technical Challenge:** The project included a very large clean room which required following clean room work protocol. All employees were required to dress in white suits with full body coverings and follow closely monitored procedures during all stages of construction. The crew stayed ahead of the very challenging schedule while focusing on these strict quality standards.

The footprint of the building was small relative to the amount of mechanical systems needed to support the new production line. This required close coordination of the field labor, since there were very large crews working in a relatively small work area. Even with these challenges the team maintained an excellent focus on safety, schedule, and quality installation.

