



Food Processing Plant

HVAC - New Construction and Expansion

Contract Value: \$1.5 Million

Project Description:

S. P. McCarl & Company, Inc. was involved in three separate phases of work at a new food processing facility.



The 3 phases included: new construction of the Production Facility and the expansion of the existing Distribution Center, Maintenance, and Truck Washing facilities. Our firm was responsible for the installation and operation of the HVAC system for the food processing areas, as well as the office and administration areas. Food processing areas consisted of heating, cooling, and dehumidification. Food processing operations consisted of cold food manufacturing and packaging, as well as the installation of a new bakery. The HVAC system was installed to maintain the required temperatures and humidity for each process. Administration areas as well as a cafeteria area were also a part of this scope of work.

Installation included (28) roof-top units, (47) exhaust fans, approximately 4000' of rectangular ductwork, 2500' of round ductwork, and 1000' of breaching and venting from the process equipment, along with gas and electric unit heaters.

Technical Challenge:

The schedule for the project was very condensed, which created challenges, as the construction was being done during the winter months. Extensive coordination was required to avoid conflict with other trades as well as to implement any changes as per the owner's directive while construction was taking place. S. P. McCarl & Company, Inc. was also responsible for completing the automatic temperature controls, as well as the insulation of all HVAC piping and ductwork.

