

HEREAUS PRECIOUS METALS NORTH AMERICA

OPERATIONAL CHALLENGES EXPAND INTO LONGTERM RELATIONSHIPS.

Lack of makeup air and air exchanges to support a chemical manufacturing facility presented an operational challenge. Downtime means loss of revenue, and construction activities can threaten critical systems.

Working as a partner, Air Force One was able to co-author a long-term, multi-phased plan of action which addressed the current and future needs of this facility and plant. Phase 1 consisted of engineering and installing a new 60-ton makeup air unit, with heat, for the laboratory and warehouse areas. The makeup air unit had to be ducted through several areas of the plant without interruption of their daily processes. Due to the critical environment, no dirt or dust particles could be allowed in the plant during installation for fear of contamination.



This opportunity turned into a complete turnkey, design-build project which included both gas and electrical work. This project was driven by a three-month production schedule with an end-of-the-year deadline. Every aspect of this project was engineered, calculated and installed while working around the client's daily workload.

Air Force One is currently working with Hereaus for phases #2 and #3 of their facility, which consist of building automation controls, additional airflow concerns and a preventive maintenance agreement.



The project was completed on-time, even with a delay in the unit delivery. During the project, Air Force One was also able to help the customer with other opportunities such as variable speed drives for energy savings and exhaust fan repairs / replacements.

