

ALBANY ENGINEERING COMPOSITES

ROCHESTER, NH, USA; COMMERCY, FRANCE; QUERETARO, MEXICO

MANUFACTURING

OVERVIEW

Albany Engineering Composites improve aircraft performance for OEMs, including Airbus, Boeing, GE, Lockheed Martin, Rolls-Royce, and Sikorsky. The company develops composite structures for airframes, engines, wings, horizontal and vertical stabilizers, control surfaces, rotor blades, nacelles, and tanks.

PROJECT DETAILS

Reliable Controls Authorized Dealer, W.H. Demmons, Inc., successfully completed this project for Albany Engineering Composites.

Networked hardware for this project includes an EIA-485 network connected to BACnet[®] chillers. Installed mechanical equipment varied by location: in France, one 150-ton chiller serves a process water loop; in Mexico, two 250-ton chillers serve a process water loop; and in Rochester, one 200-ton cooling tower serves a process water loop.

With VFD controlled pumps, modulating valves and programming, W.H. Demmons, Inc. was able to modulate the process water loop to serve anywhere from 4 to 40 presses.

The main challenge involved in this project was the language barrier between countries; however, W.H. Demmons, Inc. utilized interpreters and had patient contractors to achieve success.

Albany Engineering Composites approached W.H. Demmons, Inc. for engineering support in Rochester, NH, which was the first Reliable Controls project in the Rochester plant. Albany Engineering liked the solutions that were engineered and presented, as well as the Reliable Controls products. As a result, the installations in the France and Mexico plants were completed.

To learn more about projects using Reliable Controls[®] visit www.reliablecontrols.com/projects/overview



PROJECT TYPE:

New Construction

INSTALLATION TYPE:

Chiller, HVAC, Water Monitoring

TOTAL AREA:

51,096 m² (550,000 ft²)

NETWORK:

BACnet, EIA-485

POINTS:

300

EQUIPMENT INSTALLED:

3 MACH-ProWebSys[™]

1 MACH-ProWebCom[™]

15 MACH-ProPoint[™]

9 MACH-Stat[™]

RELIABLE CONTROLS[®] DEALER:

W.H. Demmons, Inc.

