HOLZ Rubber Company, Inc.

Application Data Sheet

Equipment Damage Causes Unscheduled Outage And Emergency Repairs

Application:

It is crucial there is adequate airflow throughout a power plant to generate electricity. This air flow is created by industrial size fans that rotate at a very high velocity to move large volumes of air.

Problem:

During normal operations at a combined cycle power plant one of these supply fans broke apart and caused a catastrophic damage to three different expansion joints. The force of the blades also destroyed ductwork and flow liners that were in the system If the equipment offline no power can be generated so the plant was eager to get the repair expedited. Additionally, the plant found they did not have adequate drawings on file, so the damaged equipment would need to be measured in place to produce new parts.

Solution:

Working with a partner distributor, a Holz representative traveled to the site to measure and make recommendations to replace the damaged joints. The joints were found to be an odd size with a non-standard bolt pattern. The Holz engineering team was able to expedite the order in time to meet the deadline. The plant was able to get the unit back up and generating electricity and profits.