



CASE STUDY

INDUSTRY: MANUFACTURING



CUSTOMER: Arconic

LOCATION: Riverdale, Iowa



ARCONIC

Innovation, engineered.

BACKGROUND: Since Arconic opened Davenport Works aluminum facility in 1948, the company has been at the forefront of American manufacturing. In 2016, Alcoa separated into two independent organizations renaming the Davenport Works facility ARCONIC. Nestled on the banks of the Mississippi River in Iowa, the plant employs over 2,400 people and is a focal point of the global aluminum industry, with 25 percent of revenues coming from exports. ARCONIC produces innovative rolled and sheet aluminum products for the automotive, aerospace, aircraft, and military armor industries.

SCOPE OF WORK: Armstrong International operates and maintains the steam generation equipment, all associated auxiliary equipment to provide steam, and condensate return to meet production demands as required by the facility. Armstrong also operates and maintains facility-wide HVAC to maintain plant comfort levels for heating and ventilation while maintaining gas consumption requirements. Armstrong's team is responsible for plant-wide coolant heat system to provide hot milling and cutting fluid to mill processes. The total number of pieces of equipment that Armstrong oversees exceeds 200.

BENEFITS: Armstrong provides uninterrupted attention to Davenport Works' thermal utility systems to maximize efficiency, improve energy conservation and reduce energy use for a consistently superior return on investment, year after year.



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