

ALBERTA CHEESE CASE STUDY

Industry:
Food & Beverage



Eliminating the Need for Fourth or Fifth Class Engineers On-Site

Introduction:

Alberta Cheese, a well-established and renowned dairy processing facility in Alberta, decided to replace its aging boiler system in pursuit of improved efficiency, safety, and environmental compliance.

Background:

- Alberta Cheese has been founded for nearly 5 decades and specializes in producing high-quality cheeses.
- The facility's old boiler system was showing signs of wear and tear and had become less efficient over time.
- Increased maintenance costs, reduced efficiency, and potential safety concerns prompted the management to consider boiler replacement.
- Looked into a smaller footprint boiler that would not require having a fourth or fifth-class engineer on site.

Solution:

A proposal was made based on the factory's heating requirements, considering current and future production needs. A new, high-efficiency, small footprint, boiler system was chosen, improving overall energy efficiency. A Special Boiler Operator was trained to operate the system.

LOCATION:

Calgary, Alberta

COMPANY PROFILE:

Alberta Cheese Company, founded in 1976, is a renowned producer of high-quality cheeses in Alberta, Canada. With a commitment to traditional manufacturing methods and global sourcing, they supply premium cheeses to food service providers, retailers, and cheese enthusiasts. Their modern facility upholds the highest standards of quality, making them a trusted name in the industry for over four decades. In 2017, Gay Lea Foods acquired Alberta cheese in plans to grow in the Canadian dairy industry and expand its cheese offering.

Results and Benefits:

The installation of the new boiler system has led to substantial reductions in energy expenses, eliminating the need to employ a fifth-class engineer for boiler maintenance and operation. Alberta Cheese has also taken advantage of a government rebate to upgrade its system, enhancing its efficiency. Additionally, they have experienced the advantage of the boiler's rapid startup, achieving full steam within just 5 minutes.

Conclusion:

Alberta Cheese achieved substantial savings in maintenance costs, emissions reduction, and a significant boost in boiler efficiency by swapping out its old boiler system for a more efficient, space-saving model with quick startup capabilities.

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