



O&M Services

Customer: Dairy Farmers of America

Location: Ventura, CA

Scope of Work: Armstrong International is responsible for the operation and maintenance of the utilities systems at this dairy and beverage manufacturing and packaging facility. These responsibilities include the steam, compressed air, chilled water, and water purification systems. The utility assets include the following:



- Three boilers capable of providing 45,000 pph of steam capacity
- Two air compressors representing a total of 200 hp
- Two cooling towers
- One 350 ton turbo compressor for process cooling
- One dual bed water softener
- All auxiliary steam, condensate, chilled water, and compressed air piping
- All HVAC heating/cooling equipment

Armstrong will employ full-time on-site management to execute these utility responsibilities.

The agreement also requires Armstrong to identify future utility improvement opportunities and recommend cost saving solutions.

Upgrade Projects:

- Installed in-line water softener to treat boiler make-up water
- Repaired/replaced failed steam traps, corrected condensate system component in correct installation and added additional traps to maximize condensate return
- Replaced reverse osmosis membranes and installed an anti-scaling chemical feed system

Terms: Five-year term beginning in January 2006.

Benefits: Dairy Farmers of America now has on site utility expertise that is motivated to continually reduce cost and focus on utility system reliability. They also have access to all of Armstrong's extensive utility/energy engineering resources.

