



Steam System Optimization

Customer: Unilever de México

Location: Tultitlán, Edo. de México

Scope of Work: Armstrong International was awarded an engineering service contract from Unilever de México. A complete steam system optimization was the scope of work. Armstrong would be responsible for all mechanical work performed by local contractors.

- Upgrade Projects:**
- All steam and condensate distribution lines to be drawn using Autocad 2002
 - Implement a steam trap optimization program: survey, database, selection, sizing, install, repair and replace of the steam trap population
 - Complete steam distribution optimization
 - Plant-wide condensate return improvement
 - Isometrics for all technical recommendations
 - Locate all live steam/condensate leaks
 - Locate damaged or missing insulation on steam/condensate pipe lines
 - Engineering of all Energy Conservation Measures (ECM)

Terms: Project scope began in August 2004.

Benefits: Complete steam system optimization that brought reduced energy consumption and helped increase production throughput.

