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)


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