



Energy Savings

Customer: Marathon Oil

Location: Robinson, IL

Scope of Work: Armstrong International analyzed the condition of this refinery's 7,000 steam traps and made recommendations for improvements/replacements. All recommended upgrades to the steam traps were executed in four months. This included the repair/replacement of 1,200 steam traps, as well as leak repairs and several other steam/condensate system improvements.

- Upgrade Projects:**
- Survey analysis of 7,000 steam traps
 - Replacement of 1,200 steam traps
 - Repair of steam leaks
 - Recovery of condensate thru flash recovery and increased collection

Terms: Work started and completed in 1997.

Benefits: Marathon realized over \$1 million in energy savings and awarded Armstrong its prestigious "ACE Award" for outstanding achievement.

