



CASE STUDY

INDUSTRY: REFINERIES



CUSTOMER: Marathon Oil

LOCATION: Robinson, Illinois, USA

BACKGROUND: 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.

SCOPE OF WORK: Armstrong implemented the following:

- 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

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



Marathon Oil



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