



Heat Recovery System

Customer: Grupo Modelo - Guadalajara Brewery

Location: Guadalajara, Jalisco, México

Scope of Work: Grupo Modelo wanted to increase energy savings from a new boiler blowdown system which had a steam flash system designed by Grupo Modelo. Armstrong International engineered a complete heat recovery system.



Upgrade Projects: Engineered a sensible heat recovery system for a boiler surface blowdown process.

Terms: Project was completed in March 2004.

- Benefits:**
- A combination of a flash steam system and sensible heat recovery have reduced fuel gas consumption by 1.1%
 - Boiler water containing high dissolved solids concentration has a temperature equal or lower than 140°F before it is discharged into the sewer

