

# Independent Commercial Laundry



Laundry



United Kingdom



GEM Steam Traps

## Overview

The independent commercial laundry is achieving savings of £104,000 per year on its £750,000 annual gas bill following the replacement of its mechanical steam traps with GEM Traps. A total of 85 GEM Traps have been installed throughout the laundry providing a payback in less than 7 months on energy savings alone.

## Impact

- ▶ £104,000 in annual gas savings
- ▶ Rapid payback of 7 months
- ▶ Elimination of £5,000/year in maintenance and replacement of failed mechanical traps
- ▶ Disappearance of large plume of steam emitted from laundry's condenser tank
- ▶ Increased production due to higher temperatures

## Solution

Steam is used extensively throughout the laundry in the operation of a wide range of equipment including its water feed boiler, tumble dryers and steam presses. Prior to the installation of the GEM Traps, maintenance and replacement of failed traps was costing around £5,000 a year in addition to lost energy. This was particularly evident from a large plume of steam that used to be emitted from the laundry's condenser tank.

Not only are GEM Traps saving substantially in energy, maintenance and replacement costs, the laundry is also enjoying an increase in production due to higher temperatures. The laundry was so delighted with the savings that it subsequently converted its other laundry at another location to GEM Traps.

"Over a ten year period the laundry will save over a million pounds on gas alone based on present costs. In addition, as the GEM Traps do not fail we will save money on downtime and replacement costs." said the customer's Managing Director



STEAM TRAPS

- ▶ GEM™ steam traps are the most efficient and reliable steam traps on the market
- ▶ A permanent, low maintenance steam trapping solution With no moving parts to break or fail
- ▶ Implementation of the technology typically reduces steam costs by 10% to 20%
- ▶ Average payback ranges from one to two years

