



MEDIGLOVES LIMITED

Steam Leak Survey and Leak Repair

SUMMARY OF THE OPTION

Medigloves Limited is a Thai producer of more than 70 million pairs of quality surgical and cleanroom latex gloves per year for the domestic and international market.

Nearly 60 tons of steam are generated and distributed for utilization in glove production processes every day. The cost of energy (i.e. fuel oil) and chemicals for water treatment, used to generate one ton of steam at 5 bars is more than US\$ 16. For this reason, minimizing leakages/losses makes economic sense.

An assessment of the steam distribution system found several points where small leakages/losses occur, including worn-out joints and gaskets and broken pipelines. These leakages were fixed, although results could not be quantified. Future steam leak management can only be effective through routine housekeeping and maintenance activities. For this reason, the company emphasized the need for detection and repair of steam leaks in work instructions of the company's preventative maintenance program.

KEY WORDS

Chemicals, Thailand, Steam Distribution and Utilization, Leaks

FOR MORE INFORMATION

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