



Kruger Products is Canada's number one tissue products manufacturer. They are manufacturers and distributors of tissue products for both consumer, in-home use and commercial, away-from-home use in Canada.

Kruger manufactures such consumer brands as Cashmere®, Canada's best-selling bathroom tissue brand, and Purex®, Western Canada's #1 bathroom tissue brand. They also manufacture some of Canada's favourite brands, including SpongeTowels®, Scotties®¹ facial tissue and White Swan® products.

In December of 2015 DSS won the tender to supply over 200 steam traps to Kruger's Tissue Plant in Quebec, Canada.

Project engineer Michel Houde says, "We replaced roughly two hundred steam traps throughout the Mill and the majority of the sizing worked right out of the box. I would estimate at less than 5 % the ones we needed to change the orifice size."

Houde continues, "We had estimated that roughly 20% of our mechanical steam traps had either failed fully or partially open. The project was submitted for approval with an estimated 28 000 M lb steam saving. On record, the best year for steam consumption was in 2012 where we produced 364 000 M lb of steam. In the first complete year of use, we consumed 302 000 M lb, a difference of 62 000 M lb on the historical best."

"Though one other steam project was done over the same fall shutdown, half of the steam savings can be attributed to the replacement of the steam traps alone".

Houde ends off saying, "The traps have worked worry-free since their installation. We've had the first annual inspection early this year, and we had to clean no more than 10 units, well under the industry accepted failure rate for mechanical traps.

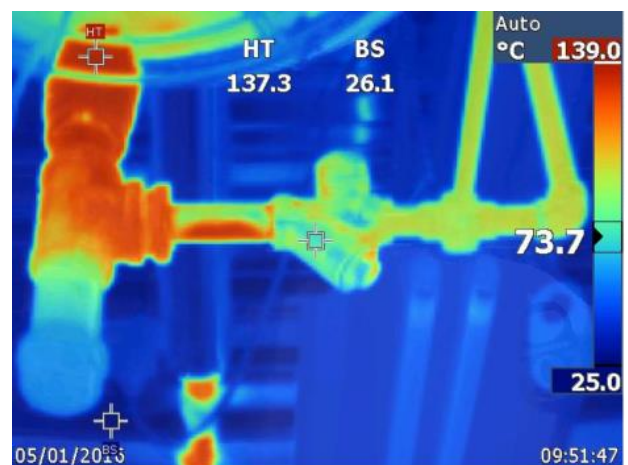
Overall, we have nothing but good things to say about our Venturi steam traps."

REFERENCE:

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Typical Delta venturi steam trap fitted on steam system.



Temperature readings clearly showing the Delta steam trap working well.