

Michaela

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Sent: 03 November 2005 12:22
Subject: GEMTRAPS used at Shell

Hello Mr Nagi – I am writing to you at the request of Gemtrap to elaborate on my experience of GEMTRAP's. I have been privy to the installation of Gemtrap's in both a Shell refinery in France and my current JV Shell refinery in South Africa.

I left France soon after implementing a total replacement of steamtraps to Gemtrap's in France so please get some more recent feedback from others still there. However the Gem's certainly proved themselves – stable operation (no water hammer as with mechanical steamtraps), obvious energy savings given the zero live steam emitted (compared to a mechanical trap before it closes again), and important HSE improvements as most of our tracing traps opened to atmosphere – the steam jets often posed a significant safety risk to operators, etc.

However in France, given the climate, we had some winterisation tracing that was shut-off during summer months. The lines would corrode and upon re-commissioning our steamtraps would plug up often. GEMTRAPS were no different.

However, now in South Africa where our only tracing is never switched off, we have a very clean steam system. Therefore the GEMTRAPS are performing excellently.

Happy to elaborate further if needed – good luck and best regards!
David...//

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