



**“To whom it may concern**

**It is my pleasure to recommend the Delta venturi orifice steam traps distributed in New Zealand by Derek and Rosalind Cressy’s company Steam & Process.**

**The marketing information, especially the video, certainly appeared to promise a lot of advantages over that of the more traditional traps and so curiosity aroused, we decided to trial them.**

**The immediate gain in installing these traps was an instant reduction of noise and flash steam since the venturi has constant balancing occurring of condensate and live steam versus periodic dumps. Clearly pressure fluctuations are reduced which in principle has to be a good thing although we were not aware of any plant issues that were caused by these. Aesthetically, they maintain a good appearance due to its stainless steel construction but commensurate with this is a higher price tag size for size.**

**While we have not conducted credible performance tests it is easy to surmise that with visibly less flash steam that efficiency would be better than the Thermodynamic traps we chose to replace (purported to be 15-30% better). Considering steam demand savings with the extra cost of these better venturi traps meant we chose to replace our existing traps by attrition rather than wholesale replacement. It is important that the steam is of good quality otherwise the fine mesh strainers in the traps can get blocked necessitating cleaning. Overall we are very happy with these traps and equally happy to recommend them to other would be users.”**

**Cheers**

**Nigel Jones**

**Affco Hides**