

# New Hex for Old

## COVEY CASE STUDY

A client operating a small throughput, high pressure process was concerned about the mechanical reliability of a series of heat exchangers. The exchangers were of a simple design and constructed using fabrication techniques that were not adequate for the severe operating duty.

Covey Consulting were engaged to investigate replacements. It was recognised that this also gave an opportunity to alter the process to remove bottlenecks and improve overall performance.

Covey Consulting performed the heat transfer calculations for a very unusual duty and worked closely with a heat exchanger fabricator to develop a cost-effective set of designs with a high degree of uniformity of components.

The result was a safer plant and one that was more controllable resulting in a more consistent higher quality product

Another one in the bag for Covey Consulting. Your turn next!



From this



To this



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