

The Technology Manager Expert review and technical support Xi Engineers share specialist engineering knowledge to feed design and development



Industry:	Industrial Manufacturing
Application:	Review Panel
Benefits:	Decreased development time
Payback Period:	Reduced launch risk and expedited delivery

Issue

Product development often raises many unexpected and technical challenges. Resolving the issues internally can extend development time and compromise the end product if the challenge is not fully understood. Worse than that, any issue that is left undetected until completion and launch is likely to result in costly and reputation damaging recalls. In this instance, a new compressor utilising a host of new and novel concepts was in a critical development stage with a number of potential costly and time consuming pitfalls looming.

Solution

Xi's multi-discipline engineering team has experience in a wide range of sectors. This is underlined by practical experience of developing from consumer scale plastics to industrial scale steel and concrete structures. Of course, this is built upon a foundation of an advanced understanding of dynamics vibration and noise. Xi's expert was able to impart years of experience in noise and vibration, providing resolution to issues already identified and highlighting potential project challenges.

Skill set used

- Call upon specialist capabilities when required
- Cost savings through minimising development delays
- Significant Project de-risking
- Reduce time to market

Xi's Role

Holding a design review allowed the project engineers to benefit from an external view and experience from an expert panel of consultants..

What our clients say about us

"Xi brought practical experience underpinned by sound theoretical knowledge making constructive suggestions across the noise and vibration concerns raised by the product team."

Dr Michèle Routley – The Technology Manager