



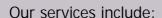
Bolt Science can assist you in the resolution of structural integrity problems relating to joints containing threaded and

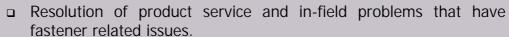
other types of fasteners.



By having extensively researched the subject and by keeping up to date with the published literature, we can offer state of the art solutions to your joint and fastener problems. Our approach is analytically based and whenever it is feasible we quantify the issues we discuss. When we make recommendations, their justification is explained and whenever possible, they substantiated by references to published research.

Problems can often be solved more effectively with assistance from an outside organisation offering a fresh and unbiased view combined with extensive experience of solving similar problems across a range of industries.





- □ Fastener Failure Analysis (fatique, tensile fracture, thread stripping, galling, insufficient preload, creep, stress relaxation, selfloosening).
- Determination of forces acting on the fasteners within a joint.
- Torque Tightening Analysis.
- Gasket Leakage Problems.
- Determination of fastener size and strength requirements.
- Solution of fastener loosening problems.
- Fastener design problems.

We pride ourselves on communicating the resulting examination, evaluation and opinions in a concise and easy to understand manner. If you have a problem that you think that we may be able to assist you with, why not contact us for a no fee, initial consultation.

For further information contact Bill Eccles at:



