



Do you operate a major hazard facility?



Your Challenge

Few businesses have the internal resources or the detailed specialist knowledge required to implement every aspect of a safety case in a timely and efficient manner. Whilst the regime you develop and commit to must be sufficiently robust and detailed to gain approval from the regulator, it must also be practicable and meet the operational needs of your business.

What is a Safety Case?

A Safety Case documents the regime under which a facility is operated. It is prepared by the operator and it:

- Identifies the hazards and risks, with particular focus on the **major hazards**
- Describes how the risks are controlled
- Describes the **safety management system** in place to ensure the controls are effectively and consistently applied.

Key aspects include:

- The safety case must identify the **safety critical elements** of the facility, both technical and managerial.
- Appropriate **performance standards** must be defined for the operation of the safety critical elements.
- The workforce must be involved.
- The safety case is produced in the knowledge that it will be **scrutinised by a competent and independent regulator.**

Involved in
70%+
of all safety cases
in NZ to date

NZ's
Largest safety
& risk team

**Local
Team**
with
international
experience





How can WorleyParsons help you?

WorleyParsons has been supporting the development of safety cases in New Zealand and Australia for major hazard industries for over 10 years and can provide invaluable assistance:

- ✓ **Determine whether you are required to operate under a safety case**
 - Guidance on developing a MAPP (Major Accident Prevention Policy)
- ✓ **Assist with the development of your major Process Safety Management System**
- ✓ **Advise on the most appropriate analysis tools and techniques for your facility**
- ✓ **Assist with Formal Safety Assessment**
 - Quantitative risk assessments, LOPA, Consequence modelling, Fire and Explosion analysis etc.
- ✓ **Review / Audit of your existing Health and Safety system**
 - Facilitating management and staff consultation
- ✓ **Review the effectiveness of your safety critical elements against appropriate performance standards**
 - Gap analysis against a best practise regime
 - Demonstration that risks are managed 'So Far As is Reasonably Practicable'
- ✓ **Develop a plan to implement or develop your safety case**
 - Templates, studies, documentation etc.
- ✓ **Support each step of the submission and the approval process with the Regulator**

Why WorleyParsons?

Feature	Benefit
Safety Case experience in New Zealand	We have been supporting the development, modification, implementation and validation of Safety Cases in New Zealand for over 10 years,
Over 30 years experience delivering services to major hazard facilities in New Zealand	We understand your specific technical and operational issues. We work with you to develop practicable solutions that will meet your business and operational drivers.
International Safety Case capability and experience	We work in this sphere globally. We can give you access to international best practise
We operate a suite of internationally validated tools and processes	Facilitate and advise on the right hazard identification, risk assessment and asset integrity management tools for your business
We are unique in the New Zealand health and safety market, we have the capability, depth and experience to deliver Health and Safety advisory, Safety and Risk Specialist engineering and Workplace Safety consulting	Our team can support all levels of your organisation to successfully integrate all aspects of your safety case. Our experience in Major Hazard Facility Design means pragmatic solutions the meet your operational needs

For further information please contact:

Roisin Johnson
 Safety & Risk Engineering Manager
 DDI +64 6 968 6949
 Office +64 6 759 6300
 roisin.c.johnson@worleyparsons.com



Craig Marriott
 Advisian NZ Health and Safety Practice Lead
 Tel: +64 27 422 2511
 craig.marriott@advisian.com

