



Marcus Punch Pty. Ltd. *Risk and Reliability*

Presents

So Far As Is Reasonably Practicable (SFAIRP)?

1/2-day workshop

The Model Workplace Health and Safety Act and Regulations 2011, which have been adopted by most Australian jurisdictions, mandate the SFAIRP principle as the standard of care to be owed by employers, designers and others to workers when considering the hazards posed to them at work and the safeguards to be used to ensure their safety.

WH&S Act 2011 Clause 19

(1) A person conducting a business or undertaking must ensure, so far as is reasonably practicable, the health and safety of:

- (a) workers engaged, or caused to be engaged by the person; and**
- (b) workers whose activities in carrying out work are influenced or directed by the person, while the workers are at work in the business or undertaking.**

WH&S Act Clause 22

(2) The designer must ensure, so far as is reasonably practicable, that the plant, substance or structure is designed to be without risks to the health or safety of persons:

This workshop fundamentally recognises that SFAIRP is not a 'process', but is actually a **way of thinking about hazards and how they might be managed.**

The workshop will employ the **Socratic Method** to explore common mining and industrial hazards and challenge your thinking about how safety might be assured to the standard required by SFAIRP.

Who Should Attend?

Anyone who is involved in, or responsible for the management of WH&S. The course will particularly benefit site managers, engineers and supervisors, project and construction managers and engineers, design managers and engineers, plant agents, suppliers and vendors, WH&S practitioners and others who may become involved in WH&S management.

5 Things You Will Learn.

1. The origin of 'tolerable risk', ALARP and SFAIRP concepts.
2. The implications of the SFAIRP provisions of the Model WH&S Act and Regulations 2011.
3. The short-comings of current AS/NZS ISO31000 risk management processes with respect to SFAIRP.
4. The short-comings of the 'tolerable risk' approach (eg. functional safety) with respect to SFAIRP.
5. How to make your current risk management processes deliver safety assurance to the SFAIRP standard of care.

Attendees will also have the opportunity to complete a short hazard study example of their own choice and test their findings against the SFAIRP standard of care.

Workshop Presenter.

Marcus Punch, Director, Marcus Punch Pty. Ltd.
TÜV FSExpert, CPEng, NPER, RPEQ

What previous workshop attendees have said about the presenter.

- Well Explained. Good workshop notes.
- Examples and industry situations were used to clarify the ideas.
- Good overview of a complex subject. Demystified the subject. Simplified a complex subject.
- Covered what I need to know.
- I loved the story about Mr. Gorsky!

Workshop Materials.

Workshop materials and morning tea will be provided to the participants. Workshop materials will include: workshop presentation slides / notes and a templates "kit".

Each attendee will also receive a complimentary copy of the presenter's book, "Functional Safety for the Mining and Machinery-based Industries – An Integrated Approach Using AS/IEC61508, AS/IEC61511, AS/IEC62061 ISO13849 and AS4024.1". Chapter 3 of this book is dedicated to the SFAIRP principle.

Workshop Locations, Dates and Timing.

9.30am – 12.30pm on the advised dates and locations.

Registration shall commence 9.15am for a 9.30am start.

Additional workshops in this and other locations may be scheduled subject to local demand.

Cost.

\$350.00 + GST for the 1st attendee from an organisation.
\$300.00 + GST for the 2nd and each successive attendee from the same organisation.

Contact for Information and Bookings.

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