

From: Gaye Francis <gaye.francis@r2a.com.au>
Subject: Review of Victoria's Electricity and Gas Network Safety Framework & other news from R

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R2A PRACTICE UPDATE - MAY 2017

Tim recently presented at the Fire Australia Conference in Sydney. Tim's paper titled *The legal context of QRA* was part of the main conference stream on day one.

One of the most difficult aspects regarding the use of quantified risk assessment (QRA) has manifested in the debate over SFAIRP (so far as is reasonably practicable) as enshrined in WHS (work health and safety) legislation and ALARP (as low as reasonably practicable) as typified by the risk management process shown in ISO/AS31000, particularly using the notion of target (tolerable or acceptable) levels of risk.

The conflict arises when the question is posed: How safe is safe enough? [Read Tim's paper here.](#)

If you have a project you would like to discuss, please do not hesitate to call us on [1300 777 333](tel:1300777333).

— Gaye Francis



OUR PRACTICE

R2A is an independent firm of Consulting Engineers specialising in Due Diligence Engineering.

Read the R2A white papers on our primary areas of practice:

[PROJECT DUE DILIGENCE](#)

[OPERATIONS DUE DILIGENCE](#)

[SAFETY DUE DILIGENCE](#)

Or read our [corporate profile](#).

WORKSHOP DATES

R2A is partnering with Engineering Education Australia to deliver a two day Due Diligence workshop.

PERTH 21-22 JUN

BRISBANE 23-24 AUG

WELLINGTON 5-6 SEP

MELBOURNE 25-26 OCT

Workshop objectives and testimonials can be found [here](#)

**R2A DUE DILIGENCE
10TH EDITION
UPDATED TEXT**

DESIGN SAFETY DECISIONS DON'T DISAPPEAR

A recent civil case in New South Wales has highlighted the importance of diligent "safety in design" decisions being made by architects and engineers.

The case in question involved a golf club patron falling into a sunken garden bed adjacent to a car park. The car park provided 90-degree car parking. A kerb separated the garden bed and the car park. The patron's car was parked with its boot facing the kerb.

Read the full Sourceable article [here](#).



EEA R2A DUE DILIGENCE WORKSHOP

The next date for the [Engineering Due Diligence workshop](#) held in conjunction with Engineering Education Australia is coming up and is to be held in **Perth on the 21st & 22nd of June, 2017**.

This workshop provides decision-makers with the tools to implement due diligence processes ensuring the laws of nature are managed to the satisfaction of the laws of man. This includes project, safety, environmental and financial outcomes.

Book [now](#).



REVIEW OF VICTORIA'S ELECTRICITY AND GAS NETWORK SAFETY FRAMEWORK

R2A welcomed the opportunity to respond to the independent review of Victoria's electricity network safety framework chaired by Dr Paul Grimes.

The [10th Edition](#) is a text on the complete engineering due diligence approach to risk issues.

It covers tools and techniques typically used by the industry as well as a number of applications and industry case studies.

Purchase or find more information on our new website [here](#).

APTO PPE

R2A is proud to be involved with [Apto PPE](#). APTO supply fit for purpose female workwear, including a maternity range.

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Our response focused on the following particular aspects of the review:

- The objectives of the safety framework in Victoria and an assessment of its effectiveness in achieving safety outcomes.
- The design and adequacy of the safety regulatory obligations (including safety cases and the Electricity Safety Management Scheme), incentives and other arrangements governing energy network businesses and any opportunities for improvement.

R2A's overall perception is that electrical networks in Australia and New Zealand operate in an evolving and interesting regulatory space with overlapping financial, safety and security of supply issues. There is also a plethora of sometimes contradictory standards. Wending a path that simultaneously satisfies all of the competing issues is complex and fraught with methodological superstition. This undoubtedly creates substantial unnecessary expense and waste.

Read more [here](#).