



Reminder: None of this is enough...



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Protecting people and our environment

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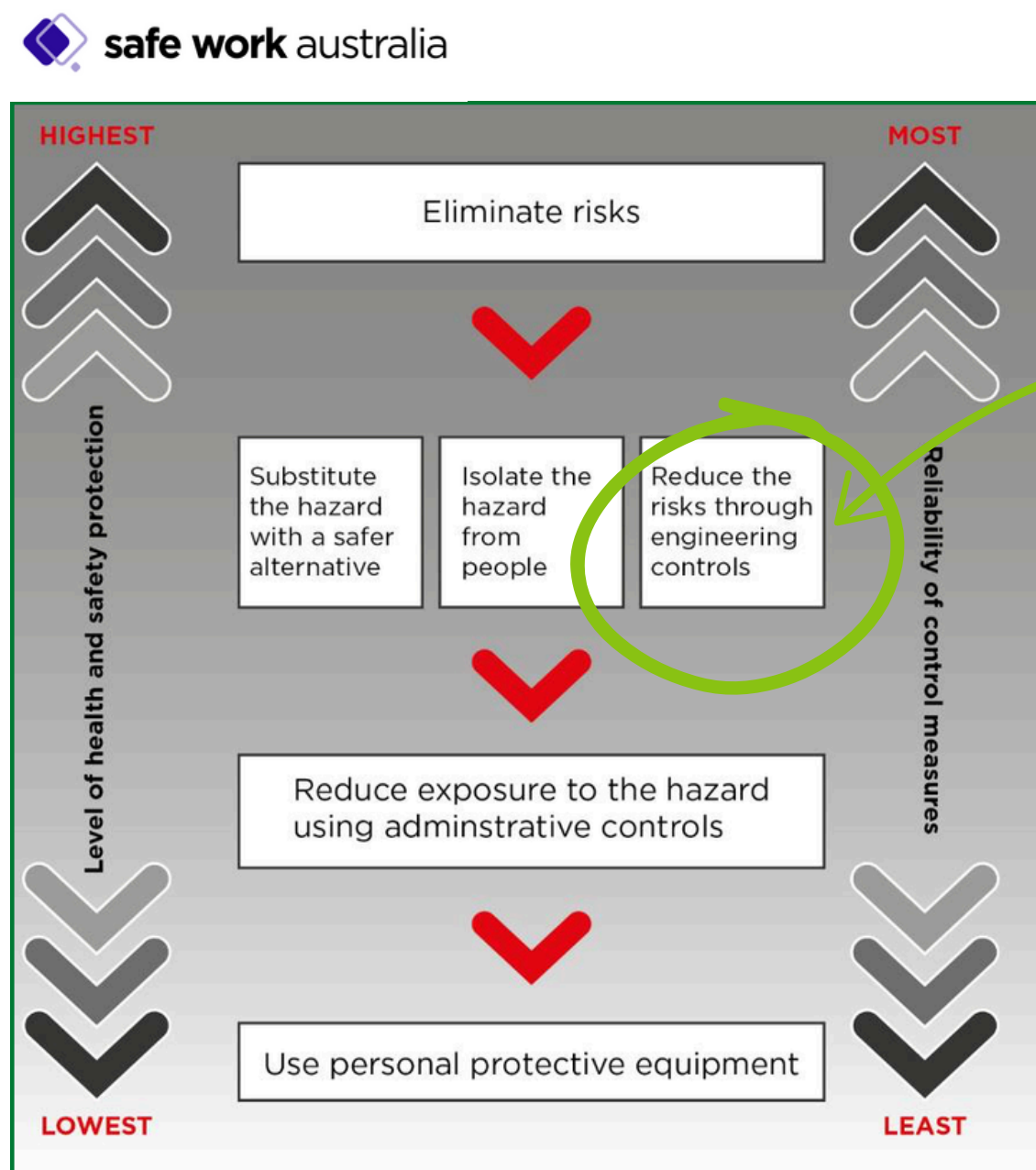
Hierarchy of Control Measures: What is it, and what does it mean for hazards on my job site?

If you work in the Occupational Hygiene or Workplace Health and Safety space, you should be well-familiar with Safe Work Australia's Hierarchy of Control Measures.

And if you're a project manager or a person conducting a business or undertaking in construction, infrastructure, manufacturing or energy – the same applies.

But seemingly many aren't aware, as while PPE offers the lowest level of protection, and is the least reliable measure, at many job sites it seems to be the first and sometimes only method of hazard control.

Let's go through the control measure levels and what they mean.



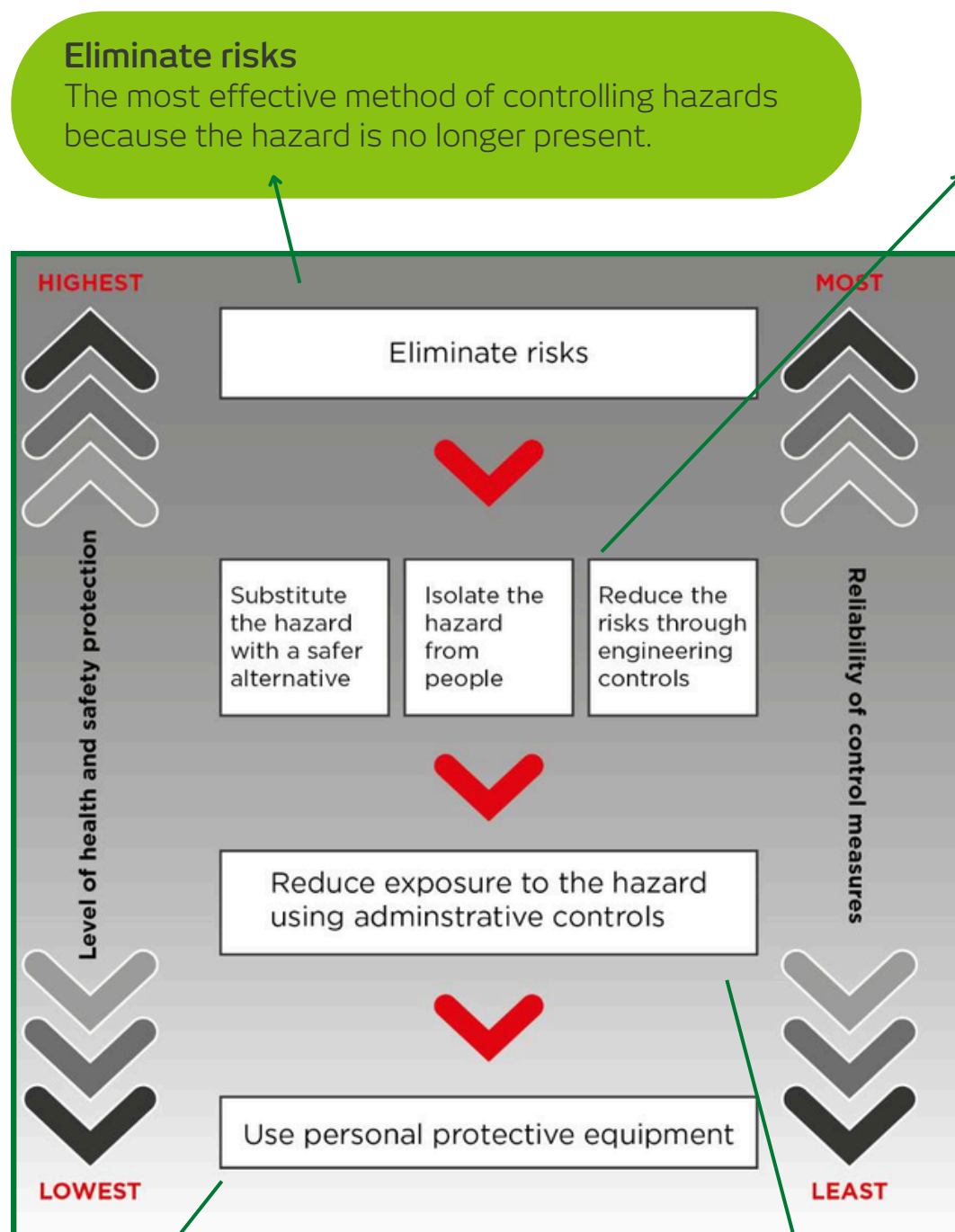
Our 3C's® Methodology, which we refer to on the next page, ensures workers and passersby are completely protected via our bespoke engineering control systems.



Figure: Safe Work Australia's Hierarchy of Control Measures.

EXPLAINER:

Safe Work Australia's Hierarchy of Control Measures.



Eliminate risks

The most effective method of controlling hazards because the hazard is no longer present.

Substitution, isolation, and engineering controls

Replacing the hazard with another alternative method is the next best step – however with the selected replacement choice – other hazards might appear.

Isolation from the hazard is self-explanatory, however this is not always possible, and hazards can still come from the use of necessary equipment - i.e. concrete scabblers – whilst the sound can be isolated and suppressed with sound proofing, the resulting concrete dust is still the hazard within the sound suppressed space and requires extraction.

Engineering controls – this is using engineered technology to remove the hazard from the source, and is very effective if tested, high quality, and if customised, functioning systems are used.

It's important to note that your provider of Engineering controls needs to have a consistent protocol for the equipment to be effective. Ours is Our 3C's Methodology.



Capture
Contain
Control

The 3 C's ® is registered by RVT Group

Personal protective equipment

Masks, goggles, gloves and boots – altogether they still don't control the hazard, and are only effective to the worker if the worker wears them correctly, and if they're fitted correctly.

This is the most fragile line of defence because human error is high and people don't work in isolation – think passersby, and colleagues sharing the same workspace and building.

The bottom line: the hazard is still emitting dangerous dust, fumes or sound.

Administrative controls

These rely on human behaviour and involve the reduction in frequency, duration, and the intensity of exposures to the hazard – think job scheduling, job rotation, safety exercises, etc. This is challenging to maintain, reliant on people doing the correct and the right thing, and from a 'progress' perspective, can slow down a project.

Why use the Hierarchy of Control Measures?

Dust, fumes and sound exposure has been found to have significant long-term health implications on workers.

Think Occupational Lung Diseases – including silicosis and lung cancer, right through to hearing loss re: sound.

If all it took was a free site survey from one of our technical team members, and our prescribed, installed and guaranteed customised engineering controls, to keep your workers healthy, and your project on time, on track, with no shut-downs, why wouldn't you give us a call?

If you have an upcoming or current project requiring sensitive and exact site hazard control, reach out to our specialist hazard control consultants for bespoke, compliant and best practice engineered solutions by calling 1300 086 248 or on enquiries@rvtgroup.com.au



THIS...



NOR THIS,



SHOULD MEAN THIS.