

Session: Pacific Safety Consulting, Risk Assessment Workshop

No. of attendees: 44

Presenters: Fernando De Melo, Scott Lescak

Facilitator: -

Monitor: Cheryl Uphill

Time: 9.00am – 10.30am

Overview on risk management in regards to occupational health and safety

Risk vs Hazard

- Why manage risk
- what is risk
- hierarchy of controls
- risk register overview
- Evaluate tasks/hazards
- Conducting an inherent/pre-risk assessment

What they do: consulting hazards and how to manage them. They don't do manuals, safety is about people and dealing with the people side of things

Legal = federal law
= WSBC

How do you prove you have made your employees aware of all known or reasonably foreseeable health or safety hazards.

What is a hazard?

A hazard is something that can cause adverse effects = object, a phenomenon, an activity, a property of a substance.

What is a risk?

The likelihood that a hazard will actualize into something.

What's management?

Operators, legal, OSHE, admin, finance, purchasing, HR, Accounting

Risk management – we do this everyday, risk appetite and risk tolerance need to be balanced.

The words 'hazard' and 'risk' are not the same.

Start with the hazard piece, then that will depict the risk.

Probabilities – 1 in a 1000

Frequencies – 1000 cases per year

In a qualitative way – negligible or significant

The effect of risk can be described as an outcome or consequence or severity:

- Health impact, injury, death
- Equipment damage, productivity loss
- Environmental impact

Inherent risk vs residual risk, controls

Risk register overview; start with a risk register which is a tool. Use to talk to new employees, it's a continual process. What controls can you apply? Pre-risk – controls – post-risk

How were you made aware of the potential hazard, risk has to be scalable.

- Risk is combined results or likelihood and severity
- From the likelihood of the hazard you develop PPE standard practices.
- Hierarchy of controls; PPE, admin work, practice controls, engineering controls, substitution, elimination
- Layer up your controls, odds are good to protect someday, too many rely on PPE

How effective is PPE as a control?

Managing Residual Risk

Terminate: high likelihood, high consequence - eliminate the risk

Transfer: low likelihood, high consequence

Treat; high likelihood, low consequence

Tolerate; low likelihood, low consequence