

OVERVIEW OF PRESENTATION

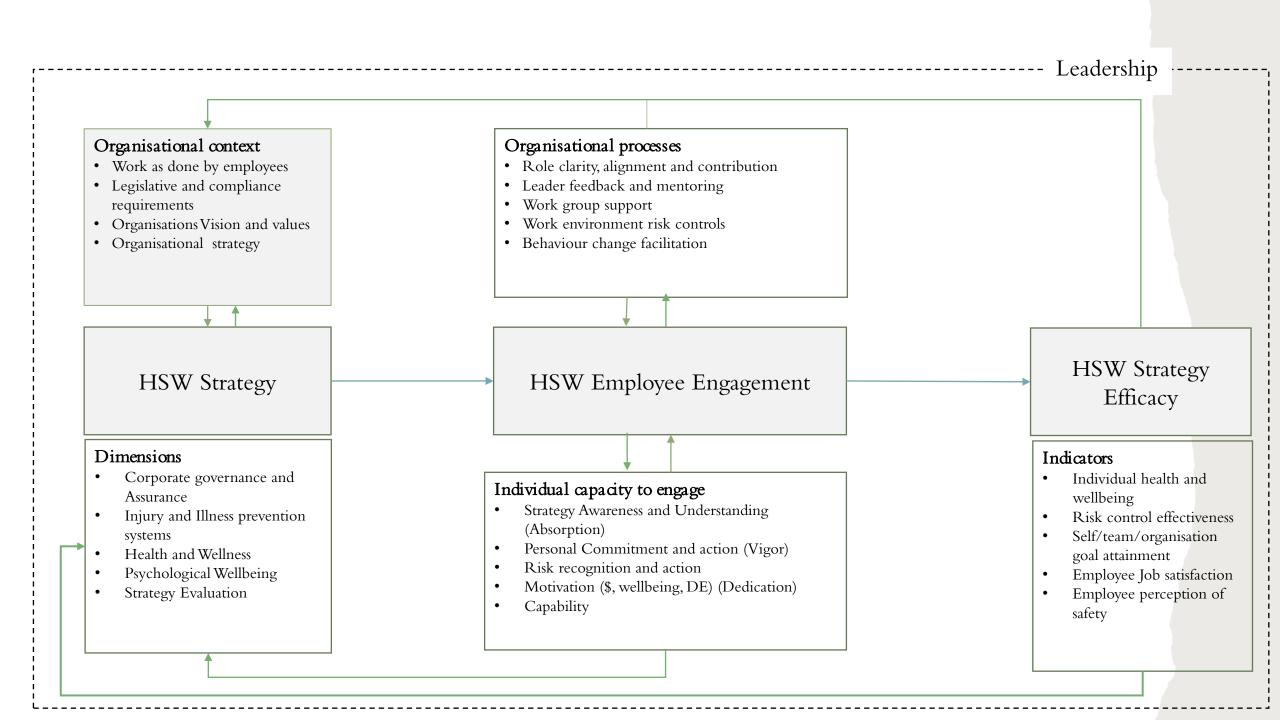
- Background
- Research HSW + Employee Engagement Strategy Framework
- Case Study Recent application in a manufacturing environment
- Where to get further information

BACKGROUND

- A senior practitioner and graduate of the Doctor of Professional Studies in Safety Science, Wellbeing, and Organisational Behaviour at the University of Southern Queensland
- Over 25 years' experience delivering strategic safety, hygiene, wellbeing, and enterprise risk programs for multinational businesses covering the USA, Netherlands, China, Chile, Mongolia, South Africa, and Australia.
- Recognised thought leader in corporate-level strategy and employee engagement, ongoing research collaborations furthering strategic wellbeing and safety thinking, human dimensions of risk, human performance, design and systems thinking.

THE RESEARCH

HSW Strategy and Employee Engagement Framework



CASE STUDY

Timber Manufacturing

SAFETY IS NOT THE ABSENCE OF EVENTS...

It is the presence of DEFENCES and CAPACITY



THE STRATEGY

- 1. Fatal Risk
- 2. Leadership
- 3. Empowering team members
- 4. Health and wellbeing
- 5. HSE management system

Integration as GOOD NORMAL WORK

Underpinned by focus on capacity defined as:

"the collective ability of our people, management systems, and leadership to proactively recognise safety risk and errors and respond without adverse outcomes".

Positioning the business strategically (organisational system of safety, performance-based, Governance + Roles, Roadmap, decentralised)

People-centric approach

Capability building at Awareness, Skilled and Mastery levels. Microlearning packages. 5-year roadmap.

Risk normalisation an organisational issue (Leadership focus)

Organisational Safety Change

Risk as dynamic not fixed (Conversation Cards and Storytelling)

From event silos to organisational learning (including packs)

Red and Green flags (fixed vs growth, leadership behaviours, learning and outcomes)

Incident investigation to Event Learning + Good Work Outcomes. How did the system set the team up to fail!

OUTCOMES TO DATE

• A slow burn....change is occurring.

Leaders have embraced most of the strategy, especially the people part.

Good normal work critical discussion and integration.

Event learning and response improved. People are a solution.

Human dimensions of risk are better understood.

Improved connection with other influencing functions (OSS).

Employee engagement improving (FITs).

Health outcomes for key exposures improving.

Weaknesses

What does Good Safety Look Like" + symbols of safety Golden Rules to Golden Controls > Linked to FR

- Traditional indicators stagnate. Alternates improving.
- A threshold shift in timber manufacturing.



GOOD WORK OUTCOME



Quad Saw Centre Alignment

SITE: Tumbarumba

WORK AREA: Green Mill Quad Saw

KEY POINTS

- During planning for band mill grinding activities scheduled for 2021 it was identified that
 previous controls implemented for the task were not in line with company procedures for
 Confined Space Entry and work on live equipment.
- Work was put on hold and the team began investigating alternative ways in which the task could be completed.
- Following successfully finding safer alternative procedure/equipment to conduct band mill grinding activities, it was recognised by the team that the level of risk previously accepted during alignment also required challenging.
- Early 2022, the team began planning for quad saw centre alignment and the task was reviewed
 with the same lens. As a result, the team engaged HSE, Engineering, the site's leadership team
 and various SME to further assess the risk.

CHALLENGES OVERCOME BY THE TEAM

- . Mindset change- 'it's always been done this way', 'the old way is safe enough'.
- . Inconsistency in site standard i.e., standard not currently met for all activities.
- · Limited industry/ supplier information regarding alternative ways

KEY IMPROVEMENTS

- Introduction of physical block to minimise risk posed by live side of chipper (a suspended load)
 This included creation of testing method and shutting down of the Greenmill to complete repeated testing.
- Additional controls for pinned (safe) side chipper crack testing of pin, manual isolation of hydraulics and verification of a secondary mechanical stop.
- Band mill relocation to centre (potential fall from heights) and hydraulically isolated (full isolation instead of alignment isolation previously used to remove crush/entanglement potential of working with hydraulically live equipment.
- . Use of crane and platform ladders for pinning of Eli press roles to further manage risk of falls.

LEARNING: A SHIFT IN MINDSET

Why it's important?

 Motivation matters – every individual holds mindsets/attitudes towards safety, their workplace, colleagues, task/job, etc. These attitudes direct their focus and drive behaviours that can either help or hinder their goal of remaining safe in the workplace.

What did we identify?

 Challenge from leadership of "its always been done this way", "the old way is safe enough" attitudes of team members and leadership team.

So what?

- Sustainable change takes effort and commitment
- Asking questions and understanding workers motivations can support them to identify reasons for staying safe in the workplace

SAFETY ENGAGEMENT CARDS

- Themes for the cards:
 - General Hazards
 - Fatal and Catastrophic Risk
 - Health and Wellbeing
 - Company Values
 - LEAD Model
 - Lifestyle/Wellness
 - Chain of Responsibility
 - Construction
- Used in conjunction with monthly posters and storyboards



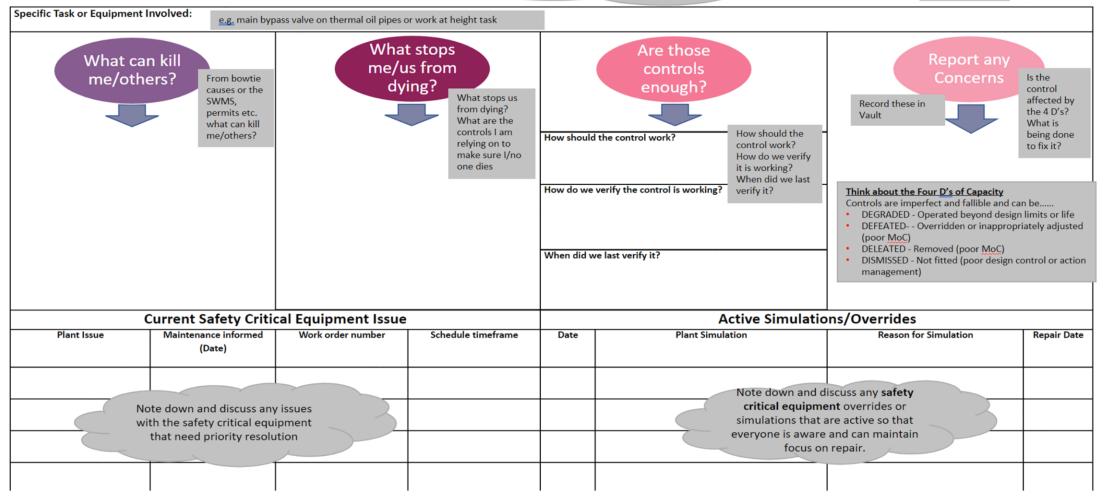


Fatal and Catastrophic Risk Storyboard

hazards in their work and equipment that could cause one or more fatalities. The story may be from personal experience or sharing what we know. The purpose is to help everyone gain a shared understanding of risk and how we control it.







- Have conversations about normal work + hazards
- Tell stories about normal work, has it changed over time? Why?
- What's happening today? What will injure me, Are the controls enough?
- Review Risk registers by walk around. Validate controls.

MORE INFORMATION

• Contact details

Email: brent@upsidesafety

Phone: 0428 394 738

LinkedIN

Web: https://upsidesafety.com.au/

• White papers and peer-reviewed publications

• E-book – Upside Safety: Creating positive organisations through HSW