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Safety Week Toolbox Talk

Managing Fatal Risks

How to use this pack

Target audience: Leaders and their teams, including contractors.

Purpose of the Toolbox Talk Pack:

- Provide visibility over BHPs top 8 fatality risks.
- Discuss how each risk is managed in your work area – what is working well and what could be improved.
- Contracting partners also manage fatal risks – discuss how we can work together to ensure we eliminate fatalities at BHP.
- Each slide has question(s) that a leader can discuss with their team.
- Refer to the notes section of each slide for facilitation instructions.



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We all have a role to play

Together, we can eliminate fatalities



This diagram also applies to contracting partners

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Fatal risks

The following are BHP's top 8 fatal risks that are most frequently associated with high potential events, high potential near misses and high potential hazards.

Vehicle Interaction



- Barrier Segregation
- Immobilised Parking
- Clearance form other vehicles, persons and hazards
- Maintain control of vehicle
- Occupant Protection

Dropped & Falling Objects



- Restraint, Support and Retention
- Drop & Spillage Protection
- Drop Zone Exclusion

Fall from Heights



- Platforms & Ladders
- Access Systems (MEWPs / scissor lifts)
- Fall Protection Systems
- Edge Protection

Lifting & Cranage



- Lift Exclusion and Separation
- Crane Integrity
- Lifting Equipment Integrity
- Crane Stability and Setup

Entanglement & Crush



- Isolation & De-energisation
- Physical Safeguarding & Interlocks
- Energised (Live) Work
- Emergency Stopping & Crush Protection

Stored Energy Release



- Isolation & De-energisation
- Physical Safeguarding & Interlocks
- Exclusion & Separation
- Detection & Stored Pressure Management

Confined Space



- Atmospheric Monitoring & Ventilation
- Isolation & De-energisation
- Accessing & Occupying

Electrocution & Arc Flash



- Electrical fault protection (incl Arc Flash)
- Electrical Isolation & De-energisation
- Safe Portable Electrical Equipment
- Energised Electrical Work & Rescue Readiness
- Energised Work Access & Area Control

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Back to safety basics

Leading through **standardised work routines,** being disciplined in the way we **plan work**, assess **risk**, verify **critical controls** are present and effective, understand **work as done**, respond to **changing conditions**, and follow through on action required to **improve and sustain safe work.**



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Back to basics

01 What are the fatal risks relating to the work we do, including work undertaken by other teams e.g. contractors?

02 How are critical controls checked and verified as present and effective in our work area, prior to work starting and during work execution?

03 What would we do if our work conditions changed, controls were not present or effective, or a new fatal risk was identified?

Discuss an example for each question.

A reminder: Our safety basics

Everyone, every day, every task

01

Plan the work

- Understand the task before starting.
- Identify hazards and critical controls.
- Make sure everyone involved understands the plan and their role in supporting it.

02

Manage the risk

- Verify controls are in place, effective and enough to keep everyone safe.
- Follow procedures and agreed controls.
- Speak up if something is unclear or does not seem right or feels unsafe.

03

Stop if things change

- Recognise when work conditions change and/or work is unable to be done as planned.
- Reassess hazards and controls.
- Do not continue until risks are understood and managed by verifying the presence of effective controls.

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Reinforcing a culture of chronic unease

The habit of continually looking for what could go wrong before it does and seeking to understand ways to learn and improve work.

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Contracting partners

Fatal Risk Management also applies to BHP's contracting partners who perform work involving fatal risks

We must ensure that:

- Every contractor has a clearly identified BHP Responsible Person and know how to engage with them.
- We partner with contractors to ensure they understand the BHP risk profile and are aligned on how we manage fatal risks.

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Back to basics

01 Safe work plans are in place, understood, implemented and routinely verified.

02 Critical controls are being checked and verified as present and effective in the field (work planning through to work execution).

03 Contractor risk management arrangements are regularly reviewed to confirm they remain effective.

Q How are we supporting the contractors who work with us? What is working well? Are there any opportunities to make it even better?

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