

Safety Critical Risk Policy

1. Purpose

To outline what safety critical risks, exist at Ravensdown and the process, tools and methods used to assess and control them.

2. Policy Statement

In accordance with Ravensdown's Health, Safety and Wellbeing (HSW) Critical Risk Management Framework, critical risks must be identified, assessed, and controlled, to reduce the likelihood and potential severity of an incident to the lowest possible level. Critical Risk management is a key focus area of the Ravensdown HSW Strategy.

3. Scope

This policy applies to wholly owned subsidiaries of Ravensdown such as Aerowork, CDax & ARL unless the content is already covered by their own HSW systems. It also applies to contractors where referenced. It applies to risks on and off Ravensdown sites e.g., sulphur fire risk is applicable at Ports where bulk product is handled and transported. Risks not categorised as critical will be identified and assessed by the HSW Team members and other relevant staff.

4. Benefits

Added focus on critical risks leads to reduced risk. By identifying a list of critical risks our employees and contractors may be exposed to, and paying added focus to them, we greatly reduce the likelihood of an incident related to one of the critical risks occurring. The list must be of such a size, to ensure appropriate focus is obtainable.

5. Responsibilities

Leadership Team (LT)

When listed as the Leadership Team Owner, that individual must:

- Ensure that a deep dive risk assessment is carried out within the identified timeframe and participate in the development and final approval of the Full Report, and any subsequent Board Report, derived from the deep dive.
- Ensure appropriate resources are available to implement the requirements of this Policy and any recommendations or corrective actions deriving from the deep dive risk assessment.
- Raise critical risks regularly during planned meetings and Safe Work Conversations.
- Hold accountable those that are non-compliant with the requirements as set out in this document, and those that refuse to, or do not participate in a constructive manner.

National Health Safety and Wellbeing Manager

- Manage annual timeline to ensure responsible parties are aware of requirements.
- Review this document annually and distribute for stakeholder input.

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SP Reviewed date:	26/Mar/2025	SP Next Review:	10/Feb/2023
SP Owner:	National HS&W Manager	Owner Approval Date:	25/Mar/2025
Approved By:	Chief Operating Officer	Approval Date:	25/Mar/2025

NOTE: for the most recent version of this document please refer to ravNet

Health Safety and Wellbeing Team Members

- Remain familiar with the contents of this process document and adhere to the timelines and requirements as written.
- Lead the deep dive risk assessments with the relevant LT member.

All other Staff

- Support the deep dive leaders and provide evidence in a timely fashion when requested.

Safety Critical Risks and Responsible Parties

Safety Critical Risk	Leadership Team Owner	HS&W Team Owner
Mobile plant and Vehicles	Daniel Pranic	Stores/Sales Business Partner
Uncontrolled Hazardous Energy	Anna Wilkes	Napier Works
Stockpile collapse	Mike Whitty	Christchurch Works
Fall from Height	Mike Manning	Napier Works
Sulphur Fire	Jennifer Goldsmith	Stores/Sales Business Partner
Fire or explosion	Kevin Cooney	Christchurch Works
Dropped Object(s)	Katrina Benedetti Forastieri	Christchurch Works
Confined Space Entry	Mark McAtamney	Napier Works
Flight Failure	Aerowork CEO	Aerowork HS Manager

6. Schedule

- **Four** critical risks/year will be assessed through a Deep Dive audit programme.
 - The determination of the programme will be the responsibility of the National HSW Manager and the HSW team. This will be refreshed annually.
- Where a critical risk does not fall within the annual deep dive programme, there may be alternative measures taken to review the risk and its controls for their effectiveness. This may occur through trending data using ravSafe, or following a major or critical incident, or where a concern arises about the effectiveness of controls through the evaluation of CCVs.

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7. Definitions

- Moving Vehicles and Equipment
 - Any powered vehicle or piece of equipment, regardless of size and mode of operation.
- Uncontrolled Hazardous Energy
 - All potential hazardous energies, including, electrical, hydraulic, gravity, pneumatic, mechanical, and chemical.
- Stockpile Collapse
 - All stockpiles that could cause engulfment or cause risk to people, plant and equipment if they were to move unexpectedly.
- Fall from Height
 - All work involving risk to people or equipment where a worker could fall without control from one level to another, with such a height difference as to cause significant harm or damage.
- Sulphur Fire
 - All workspaces where Sulphur Fire potential exists, including sites that Ravensdown does not own or directly manage, but where a regulatory responsibility exists, e.g., Lyttelton Port when elemental Sulphur is offloaded, material being delivered via aerial application or consignment stores.
- Fire or Explosion
 - Any planned explosion and workplaces/tasks where fire/explosion potential exists.
- Dropped Object(s)
 - Tasks and work locations that include a risk of an object of sufficient weight, dropping from a sufficient height, which would likely cause significant injury or death if it were to impact a worker. Including the potential for dropped objects from Crane lifts.
- Uncontrolled Confined Space Entry
 - Work that is carried out inside of a confined space, or adjacent to one, when the nature of the work can influence the confined space in a negative manner.
- Flight Failure
 - Tasks involving flight, where Aerowork staff are in control of the aircraft.

8. Requirements

- The controls for four Safety Critical Risks each year as defined in the published standard will be reviewed annually via a deep dive assessment, to verify:
 - they are appropriate for the risk and location.
 - they are applied where the risk exists.

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- A scope will be developed by the HSW team owner and LT owner and agreed upon by the National HSW Manager.
- The work will be led by the HS&W Team owner with support from the Leadership Team owner in addition to being fully supported by members of the HSW Team and other relevant personnel and subject matter experts.
- The Deep Dive will include interviews with key staff across the organisation (within the defined scope) and a review of:
 - Documents relevant to the risk, including but not limited to:
 - records of equipment inspections.
 - training records and documentation.
 - photographs of key locations, equipment, and controls in place.
 - emergency response and incident response documentation.
- A deep dive report must be published. A summary Board Report may be developed as defined by the responsible Leadership Team member.
- The audit will be entered into RavSafe, and the corrective actions (CARs) entered and tracked to completion.
- Approximately six months from the completion date of the deep dive, if relevant, a focus activity will be held across the company, led by the HSW and LT member, to heighten awareness and focus on the Safety Critical Risk. This may consist of additional communication and awareness campaigns, tool box talk topics etc.

9. Related Information, training information and Links

This policy should be read in conjunction with the following:

- Ravensdown [Safety and Wellbeing Manual](#)
- Ravensdown [Critical Risk Standards](#)
- [Ravensdown Risk Management Framework](#)
- Location for entering visible leadership actions – [RavSafe](#)
- Deep Dive Guidelines – (to be developed)
- [HSW Training Standard](#)

The Ravensdown HSW team members are available by request, to provide training to teams or individuals on this topic. This topic is also covered in the Safety Leadership Training module (currently in draft)

10. Policy Endorsement

This policy has been approved and endorsed by the CEO through an auditable process and does not require a physical signature on this copy, to be endorsed.

A Chief Operating Officer approval stored with HS&W Coordinator

A Review tracking conducted via HS&W Coordinator

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