WHS DOCUMENTS & TEMPLATES

DOC-LFT-CCV · Lifting Operations and Suspended Loads Critical Control Verification Pack

Product Overview

For: Businesses that lift loads: WHS advisers, construction and operations managers, crane crews, supervisors and control owners

Version 1.0 · 15 November 2026

Field-ready Critical Control Verification forms for lifting operations and suspended loads: one for each of the 6 critical controls that stop a load being dropped or a lift going out of control, or limit the harm when it happens, with the bowtie, a verification schedule and a short guide.

Most workplaces have controls for lifting operations and suspended loads: rated slings, rigging, outriggers, load moment indicators, doggers and exclusion zones. The question is whether they are working today. A critical control verification (CCV) is the proof: a planned check, in the field, that a control that matters most is in place, in good condition, working as designed, used properly and not bypassed.

This pack gives you one CCV form for each of 6 critical controls (5 preventing, 1 mitigating) for the unwanted event: load dropped, or lift out of control. Each form shows where the control sits on the bowtie, what it must achieve, how it fails, and a checklist scored Pass, Fail or Non-conformance. Physical controls are Pass or Fail only; Non-conformance is kept for administrative items such as records and training dates. A Fail stops the work and is escalated as a high potential incident. The last page of each form has prompts for talking to the operators, workers and supervisors who use the control.

The full bowtie shows every control on one page, the schedule sets who verifies each one and how often, and the guide explains the method. Every form is editable, so you can adapt it to your site. Made by Orana Skills Centre.

SAMPLE

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How to Use These CCVs

Lifting Operations and Suspended Loads Critical Control Verification Pack

What a critical control verification is

The key word here is proof. Not assumption, not guesswork. A critical control verification (CCV) is a planned check, in the field, that one critical control is doing its job. It checks that the control:

- Exist
- Are in place and in good condition
- Are functioning as designed
- Are being used properly
- Are not being bypassed or failing silently

Each CCV form tests one control against its performance requirements, item by item, grouped by those five checks and then the records. It is not a general inspection, an audit, or a maintenance check: keep those, and use the CCVs alongside them for the few controls that matter most.

The bowtie and the critical controls in this pack

Hazard: Loads lifted by cranes, hoists and lifting gear. Unwanted event: Load dropped, or lift out of control. Any lift with a mobile, tower, vehicle-loading or overhead crane, a hoist, a lifting beam or an excavator used as a crane, including rigging, slinging, landing loads and working near suspended loads.

CCV	Critical control	Type	Sits on	At your site
CCV-01	Lifting gear rated, inspected and within its limits	Preventing	T1	Use at every site where the threat or consequence is present.
CCV-02	Load rigged, slung and secured by a competent person	Preventing	T2	Use at every site where the threat or consequence is present.
CCV-03	Crane set up on assessed ground, within its load chart, with limiting devices working	Preventing	T3	Use at every site where the threat or consequence is present.
CCV-04	Lift directed by a competent crew using agreed signals or radio	Preventing	T5	Use at every site where the threat or consequence is present.
CCV-05	Nobody under a suspended load, with the exclusion zone kept clear	Mitigating	C1, C2	Use at every site where the threat or consequence is present.
CCV-06	Lifting stopped when wind or weather exceeds the limit	Preventing	T4	Use at every site where the threat or consequence is present.

Mitigating controls can be critical too, especially when they are the last line of defence. They are just as critical as prevention, and must be resourced, practised and verified.

Before you verify: adapt the pack

Step	What to do
1	Check the bowtie against your site: the threats, the consequences and the critical controls. Change it where it does not match, and keep the forms in step with it.

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YOUR LOGO
Right-click > Change Picture

[Company name]

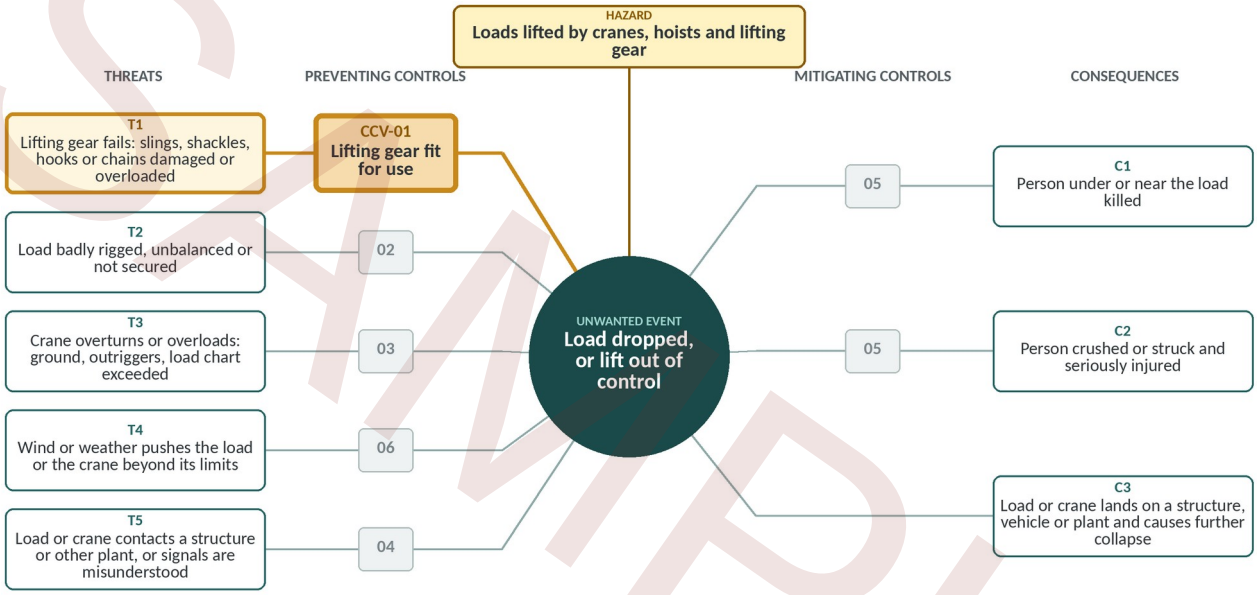
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CCV-01 Lifting gear rated, inspected and within its limits

Critical Control Verification · Preventing control · Lifting operations and suspended loads

Site or location		**Plant or area verified**	
Date and time		**Shift**	
Verified by (name and role)		**Control owner**	

1 Where this control sits on the bowtie



Amber: this control, CCV-01, on threat line T1. Grey numbers: the other critical controls in this pack. Preventing controls sit left of the unwanted event and stop it happening; mitigating controls sit right of it and limit the harm.

2 The control

Control	Lifting gear rated, inspected and within its limits
Type	Preventing: it stops the unwanted event happening.
It sits on	Threat T1: Lifting gear fails: slings, shackles, hooks or chains damaged or overloaded
Hierarchy of control	Engineering
Objective	Use only lifting gear that is marked with its working load limit, inspected before use and at the set interval, in good condition and right for the load and the slinging angle.
Why it is critical	A sling, shackle or hook that is cut, worn, overloaded or unrated can fail without warning and drop the load. Every lift relies on the weakest piece of gear in it.

3 Performance requirements

What the control must achieve. The checklist in part 5 tests each one.

No.	The control must meet this requirement
R1	Every item of lifting gear is marked with its working load limit and identification, and is right for the load, including the slinging angle.
R2	Gear is checked by the user before each use, and inspected by a competent person at the interval the standard and the business set.
R3	Damaged, unmarked or out-of-date gear is tagged out and removed from use.

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YOUR LOGO
Right-click > Change Picture

[Company name]

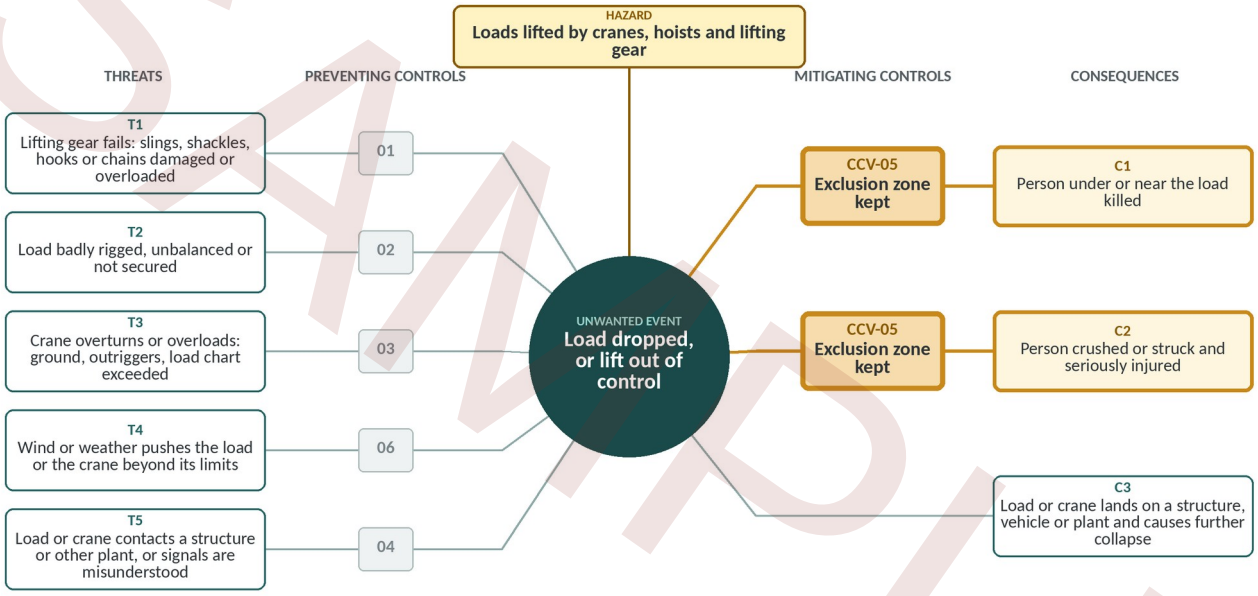
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CCV-05 Nobody under a suspended load, with the exclusion zone kept clear

Critical Control Verification · Mitigating control · Lifting operations and suspended loads

Site or location		**Plant or area verified**	
Date and time		**Shift**	
Verified by (name and role)		**Control owner**	

1 Where this control sits on the bowtie



Amber: this control, CCV-05, on consequence lines C1 and C2. Grey numbers: the other critical controls in this pack. Preventing controls sit left of the unwanted event and stop it happening; mitigating controls sit right of it and limit the harm.

2 The control

Control	Nobody under a suspended load, with the exclusion zone kept clear
Type	Mitigating: it limits the harm once the unwanted event has happened.
It sits on	Consequence C1: Person under or near the load killed; consequence C2: Person crushed or struck and seriously injured
Hierarchy of control	Isolation
Objective	Keep people out from under and near a suspended load and the crane's slewing and fall zone, with a barricaded or controlled exclusion zone, so that if a load falls or swings, nobody is in its path.
Why it is critical	The exclusion zone does not stop a load falling. It makes sure that when one does, it hits the ground and not a person. Most deaths from dropped loads are people who were underneath or walked through.

3 Performance requirements

What the control must achieve. The checklist in part 5 tests each one.

No.	The control must meet this requirement
R1	An exclusion zone covering the load path, the landing area and the crane's slewing radius is set for each lift.

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END OF THE FREE SAMPLE

This sample shows a few pages, so you can judge the layout and the quality. Field-ready Critical Control Verification forms for lifting operations and suspended loads: one for each of the 6 critical controls that stop a load being dropped or a lift going out of control, or limit the harm when it happens, with the bowtie, a verification schedule and a short guide.

What the full product contains

- **6 Critical Control Verification forms, one per critical control (5 preventing, 1 mitigating): each with its bowtie, objective, performance requirements, failure modes, a Pass / Fail / Non-conformance checklist, the overall result, actions, a page of prompts for talking to the people who use the control, and sign-off**
  03_CCV_FORMS/ (Word and PDF)
- **The critical controls: CCV-01 Lifting gear fit for use (preventing); CCV-02 Load rigged correctly (preventing); CCV-03 Crane set up in limits (preventing); CCV-04 Lift directed by crew (preventing); CCV-05 Exclusion zone kept (mitigating); CCV-06 Wind limit applied (preventing)**
  03_CCV_FORMS/CCV-01 to CCV-06
- **The full bowtie for lifting operations and suspended loads on one page: every threat, consequence and critical control**
  02_BOWTIE/Lifting Operations Bowtie.docx and .pdf
- **The CCV schedule: who verifies each control, how often by exposure, the method and the record**
  04_CCV_SCHEDULE/CCV Schedule.docx and .pdf
- **The CCV schedule workbook: suggested frequency by exposure, next due dates and status by formula, dropdowns, no macros**
  04_CCV_SCHEDULE/CCV Schedule.xlsx
- **How to use these CCVs: the method, scoring, the response to a Fail or Non-conformance, frequency, and adapting the set to your site**
  01_START_HERE/How to Use These CCVs.docx and .pdf
- **Read Me First, Product Overview, Permitted Use Terms and Version Information**
  01_START_HERE/ (PDF)

Formats

- Word (.docx), editable, with your logo and business name in the header
- Excel (.xlsx), editable, with dropdowns and formulas (no macros)
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