

Chain Blocks Hoists and Winches | SAFE WORK METHOD STATEMENT (SWMS)

TASK OR ACTIVITY: Chain Blocks Hoists and Winches

| | | |
|-------------------|--------|--------|
| Business Name: | ABN: | SWMS# |
| Business Address: | | |
| Contact Person: | Phone: | Email: |

THIS SAFE WORK METHOD STATEMENT IS APPROVED BY THE PCBU OF THE PROJECT

Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (PCBU) is required to ensure that a safe work method statement (SWMS) is prepared before the proposed work starts.

| | | |
|---|--------|--------|
| Full Name: | | |
| Signature: | Title: | Date: |
| Details of the person(s) responsible for ensuring implementation, monitoring compliance of the SWMS as well as reviews and modifications of the SWMS. | | |
| Full Name: | Title: | Phone: |

ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS SWMS MUST HAVE THE FOLLOWING COMMUNICATED

Safety meetings or toolbox talks will be scheduled in accordance with legislative requirements to first identify any site hazards, then to communicate those hazards and then to further take steps to either eliminate or control each hazard.

If an incident or a near miss occurs, all work must stop immediately. Depending on the severity of the incident, a meeting will be called with all workers to amend the SWMS if required. The meeting may also be an educational opportunity.

Any changes made to the SWMS after an incident or a near miss must be approved by the Person Conducting Business or Undertaking and communicated to all relevant personnel.

The SWMS must be kept and be available for inspection at least until the work is completed. Where a SWMS is revised, all versions should be kept. If a notifiable incident occurs in relation to which the SWMS relates, then the SWMS must be kept for at least two years from the occurrence of the notifiable incident.

NAME OF ALL RELEVANT PERSONNEL WHO HAVE BEEN CONSULTED AND COMMUNICATED TO IN THE DEVELOPMENT AND APPROVAL OF THIS SWMS

CLIENT OR PRINCIPAL CONTRACTOR DETAILS

| | |
|--|----------------|
| Client: | SCOPE OF WORKS |
| Project Name: | |
| Project Address: | |
| Project Manager: | |
| Contact Phone: | |
| Date SWMS supplied to Project Manager: | |

ANY HIGH-RISK CONSTRUCTION WORK BEING CARRIED OUT

- | | |
|--|--|
| <input type="checkbox"/> involves a risk of a person falling more than 2 meters | <input type="checkbox"/> is carried out on or near pressurised gas mains or piping |
| <input type="checkbox"/> is carried out on a telecommunication tower | <input type="checkbox"/> is carried out on or near chemical, fuel or refrigerant lines |
| <input type="checkbox"/> involves demolition of an element of a structure that is load-bearing | <input type="checkbox"/> is carried out on or near energised electrical installations or services |
| <input type="checkbox"/> involves demolition of an element related to the physical integrity of a structure | <input type="checkbox"/> is carried out in an area that may have a contaminated or flammable atmosphere |
| <input type="checkbox"/> involves, or is likely to involve, disturbing asbestos | <input type="checkbox"/> involves tilt-up or precast concrete |
| <input type="checkbox"/> involves structural alteration or repair that requires temporary support to prevent collapse | <input type="checkbox"/> is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor |
| <input type="checkbox"/> is carried out in or near a confined space | <input type="checkbox"/> is carried out in an area of a workplace where there is any movement of powered mobile plant |
| <input type="checkbox"/> is carried out in/near a shaft or trench deeper than 1.5m or tunnel involving use of explosives | <input type="checkbox"/> is carried out in areas with artificial extremes of temperature. |
| <input type="checkbox"/> is carried out in or near water or other liquid that involves a risk of drowning. | <input type="checkbox"/> involves diving work. |

ANY HIGH-RISK MACHINERY OR EQUIPMENT NEARBY

RISK MATRIX

| LIKELIHOOD | INSIGNIFICANT | MINOR | MODERATE | MAJOR | CATASTROPHIC | SCORE | ACTION | HEIRARCHY OF CONTROLS |
|---|---------------|---------------|---------------|------------|--------------|----------------|-----------------------------------|--|
| ALMOST CERTAIN | 3 HIGH | 3 HIGH | 4 ACUTE | 4 ACUTE | 4 ACUTE | | | Elimination Remove the hazard. |
| LIKELY | 2 MODERATE | 3 HIGH | 3 HIGH | 4 ACUTE | 4 ACUTE | 4A ACUTE | DO NOT PROCEED | Substitution Replace the hazard. |
| POSSIBLE | 1 LOW | 2 MODERATE | 3 HIGH | 4 ACUTE | 4 ACUTE | 3H HIGH | Review before work starts. | Isolation Isolate People from the hazard |
| UNLIKELY | 1 LOW | 1 LOW | 2 MODERATE | 3 HIGH | 4 ACUTE | 2M MODERATE | Ensure control measures in place. | Engineering Isolate the hazard. |
| RARE | 1 LOW | 1 LOW | 2 MODERATE | 3 HIGH | 3 HIGH | 1L LOW | Monitor and keep records | Administrative Change the work. |
| Notes on Hierarchy of Controls: Elimination methods are the most effective and preferred when controlling a hazard. Substitution is the second most effective method of controlling a hazard. Engineering by isolation is the third most effective, while Administrative Controls by changing the work is the fourth most effective method. PPE (Personal Protective Equipment) is the least effective method. | | | | | | | | PPE |

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Select the appropriate PPE above suitable for the equipment used or the job task being performed (if applicable).

| FOOT PROTECTION | HAND PROTECTION | HEAD PROTECTION | HEARING PROTECTION | EYE PROTECTION | RESPIRATORY PROTECTION | FACE PROTECTION | HIGH-VIS CLOTHING | PROTECTIVE CLOTHING | FALL PROTECTION | SUN PROTECTION | HAIR/JEWELLERY SECURED |
|--|--|--|--|--|---|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Other PPE Required:

Permit or Licenses Requirements

Mandatory Qualifications and Training

| JOB STEP | POTENTIAL HAZARDS | IR | CONTROL MEASURES | RR |
|---|---|--------------|---|---------------|
| SPECIFIC WORK STEPS | HAZARDS THAT MAY ARISE | INITIAL RISK | SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS | RESIDUAL RISK |
| Pre-start planning and documentation | <ul style="list-style-type: none"> Unidentified high-risk construction work Inadequate lift planning Conflicting work activities Unclear roles and communication Inaccurate load information | 4A | <ul style="list-style-type: none"> Review scope of works and identify all tasks involving chain blocks, hoists, winches, pulley systems, lever blocks and lifting hooks/chains as high risk construction work Obtain and review lift plans, drawings, load certificates and manufacturer specifications for all items to be lifted or moved Consult with principal contractor and other trades to coordinate exclusion zones and avoid overlapping work activities in lifting areas Nominate a competent lifting supervisor and dumper/rigger where required and document responsibilities in the SWMS and lift plan Confirm all operators of mechanical devices and powered hoists hold the relevant High Risk Work Licence and other competency evidence as required by WHS Regulations Conduct a pre-start meeting to brief workers on hazards, control measures, emergency procedures and communication signals Verify emergency response arrangements are in place, including rescue plan for suspended loads and access for emergency services DO NOT commence lifting operations until SWMS is reviewed, approved and communicated to all affected workers | 2M |
| Site inspection and area preparation | <ul style="list-style-type: none"> Uneven or unstable ground Overhead service contact Restricted access and egress Uncontrolled public access Poor lighting and visibility | 3H | <ul style="list-style-type: none"> Inspect ground conditions and verify surfaces supporting lifting equipment, tripods or gantries are firm, level and capable of bearing imposed loads Locate and positively identify overhead powerlines, communication lines, pipes and other services using current service plans and visual checks Establish and mark exclusion zones around lifting areas using barricades, cones and danger tape to keep unauthorised persons away Provide clear access and egress routes for workers and equipment, keeping walkways free from debris, offcuts and stored materials Install temporary lighting if natural light is inadequate to clearly see loads, rigging, lifting points and hand signals Post clear signage indicating 'No unauthorised entry', 'Lifting in progress' and maximum load ratings where equipment is installed DO NOT position lifting operations beneath live overhead services unless formal controls and safe approach distances are verified by a competent person | 1L |
| Selecting lifting equipment and accessories | <ul style="list-style-type: none"> Underrated equipment selection Incompatible lifting components Use of damaged gear | 4A | <ul style="list-style-type: none"> Identify load weight, centre of gravity, lift height and travel distance before selecting any chain blocks, hoists, winches, pulleys, lever blocks, hooks or chains | 2M |

| JOB STEP | POTENTIAL HAZARDS | IR | CONTROL MEASURES | RR |
|---|--|--------------|---|---------------|
| SPECIFIC WORK STEPS | HAZARDS THAT MAY ARISE | INITIAL RISK | SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS | RESIDUAL RISK |
| | <ul style="list-style-type: none"> Incorrect sling configuration Unverified working load limit | | <ul style="list-style-type: none"> Select only lifting equipment and accessories with clearly legible Working Load Limit (WLL) or Safe Working Load (SWL) markings suitable for the maximum anticipated load plus safety factor Use lifting chains, slings, hooks and fittings manufactured and tagged in accordance with AS 3775, AS 2321, AS 4497 and other relevant AS/NZS standards Match chain size, grade and components so that all elements in the lifting system meet or exceed the required WLL and are compatible with each other Consult manufacturer instructions for chain blocks, hoists, winches and lever blocks to confirm orientation limits, reeving patterns and environmental restrictions DO NOT use makeshift equipment such as bent rods, certified eyebolts, towing chains, tie-down straps or tow balls for load suspension Record equipment selection and WLL verification in the lift plan or pre-start checklist before commencing work | |
| Inspecting chain blocks hoists and winches | <ul style="list-style-type: none"> Mechanical failure under load Worn or stretched chain Defective braking mechanism Damaged lifting hooks Unlabelled or uncermarked gear | 4A | <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> | 2M |
| Inspecting chains slings hooks and fittings | <ul style="list-style-type: none"> Sling failure during lift Shackle pin disengagement Improper hook engagement Chain link cracking Uncontrolled load release | 4A | <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> | 2M |

| JOB STEP | POTENTIAL HAZARDS | IR | CONTROL MEASURES | RR |
|---|--|--------------|--|---------------|
| SPECIFIC WORK STEPS | HAZARDS THAT MAY ARISE | INITIAL RISK | SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS | RESIDUAL RISK |
| | | | | |
| Installing support structures and anchor points | <ul style="list-style-type: none"> • Anchor point failure • Structural overloading • Falling objects during setup • Incorrect tripod or gantry assembly • Unsecured fixings and fasteners | 4A | | 2M |
| Rigging loads and connecting lifting gear | <ul style="list-style-type: none"> • Crush injury during rigging • Load instability or shifting • Pinch points between load and gear • Incorrect attachment to lifting points • Failure of temporary lifting lugs | 4A | | 2M |

| JOB STEP | POTENTIAL HAZARDS | IR | CONTROL MEASURES | RR |
|---|--|--------------|--|---------------|
| SPECIFIC WORK STEPS | HAZARDS THAT MAY ARISE | INITIAL RISK | SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS | RESIDUAL RISK |
| | | | | |
| Operating chain blocks and manual hoists | <ul style="list-style-type: none"> Overloading manual hoists Musculoskeletal strain Uncontrolled load descent Worker under suspended load Hand entrapment in chains | 3H | | 1L |
| Using lever blocks and block and tackle | <ul style="list-style-type: none"> Side loading of equipment Failure of block and tackle Line snap-back Uncontrolled horizontal movement Over-tensioned rigging | 4A | | 2M |
| Machine-assisted lifting and mechanical devices | <ul style="list-style-type: none"> Collision with plant Unplanned movement of mechanical device | 4A | | 2M |

| JOB STEP | POTENTIAL HAZARDS | IR | CONTROL MEASURES | RR |
|---|---|--------------|--|---------------|
| SPECIFIC WORK STEPS | HAZARDS THAT MAY ARISE | INITIAL RISK | SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS | RESIDUAL RISK |
| | <ul style="list-style-type: none"> Plant overturning or instability Entanglement in moving parts Unexpected energisation of powered hoists | | | |
| Loading and unloading with mechanical devices | <ul style="list-style-type: none"> Dropped loads during transfer Crush injury between load and structure Load shift on pallets Vehicle movement during loading Falls from trucks or trailers | 3H | | 1L |
| Controlling suspended loads and load movement | <ul style="list-style-type: none"> Swinging or rotating loads Load contact with structures Struck-by moving load Loss of control in windy conditions Unexpected release of tension | 3H | | 1L |

| JOB STEP | POTENTIAL HAZARDS | IR | CONTROL MEASURES | RR |
|-------------------------------------|--|--------------|--|---------------|
| SPECIFIC WORK STEPS | HAZARDS THAT MAY ARISE | INITIAL RISK | SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS | RESIDUAL RISK |
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| | | | | |
| Completion, inspection and storage | <ul style="list-style-type: none"> • Residual stored energy in gear • Trip hazards from unused equipment • Deterioration from poor storage • Unreported damage to lifting gear • Unauthorised future use | 2M | | 1L |
| PPE training and emergency response | <ul style="list-style-type: none"> • Inadequate personal protection • Delayed response to incident • Incorrect rescue of injured person • Noise and eye injury from failures • Manual handling injuries post-incident | 3H | | 1L |

| JOB STEP | POTENTIAL HAZARDS | IR | CONTROL MEASURES | RR |
|---------------------|------------------------|--------------|--|---------------|
| SPECIFIC WORK STEPS | HAZARDS THAT MAY ARISE | INITIAL RISK | SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS | RESIDUAL RISK |
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SAMPLE

EMERGENCY RESPONSE – CALL 000 FOR EMERGENCIES

Ensure to have an Emergency Management Plan in place as well as adequate numbers of trained first aid staff with easy access to fully stocked first aid kits, rescue equipment, material safety data sheets, adequate access to emergency communication equipment and fire-fighting equipment suitable for all classes of fire and ignition sources.

LEGISLATIVE REFERENCES

RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE REFERENCES IF ANY STATE IS NOT APPLICABLE

Queensland & Australian Capital Territory

Work Health and Safety Act 2011

Work Health and Safety Regulations 2011

Legislation QLD: <https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws>

Codes of Practice QLD: <https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice>

Legislation ACT: <https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations>

Codes of Practice ACT: <https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice>

Victoria

Occupational Health and Safety Act 2004

Occupational Health and Safety Regulations 2017

Legislation VIC: <https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and-regulations>

Codes of Practice VIC: <https://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice>

New South Wales

Work Health and Safety Act 2011

Work Health and Safety Regulations 2025

Legislation NSW: <https://www.safework.nsw.gov.au/legal-obligations/legislation>

Codes of Practice NSW: <https://www.safework.nsw.gov.au/resource-library/lis>

Western Australia

Work Health and Safety Act 2020

Work Health and Safety Regulations 2022

Legislation Western Australia: <https://www.commerce.wa.gov.au/worksafe/legislation>

Codes of Practice WA: <https://www.commerce.wa.gov.au/worksafe/codes-practice>

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulation 2011

Legislation NT: <https://worksafe.nt.gov.au/laws-and-compliance/workplace-safety-laws>

Codes of Practice NT: <https://worksafe.nt.gov.au/laws-and-compliance/codes-of-practice>

Safe Work Australia Links

Law and Regulation (All States): <https://www.safeworkaustralia.gov.au/law-and-regulation>

Model Codes of Practice: <https://www.safeworkaustralia.gov.au/resources-publications/model-codes-of-practice>

Model Codes of Practice

- Managing noise and preventing hearing loss at work
- Confined spaces
- Labelling of workplace hazardous chemicals
- Managing risks of hazardous chemicals in the workplace
- Welding processes
- First aid in the workplace
- Managing the risk of falls at workplaces
- Hazardous manual tasks
- Managing the risk of falls in housing construction
- Managing electrical risks in the workplace
- Demolition work
- Excavation work
- Work health and safety consultation, cooperation and coordination
- Managing the work environment and facilities
- How to manage work health and safety risks
- Managing risks of plant in the workplace
- Construction work

South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (SA)

Legislation for SA: <https://www.safework.sa.gov.au/resources/legislation>

Codes of Practice for SA: <https://www.safework.sa.gov.au/workplaces/codes-of-practice#COPs>

Tasmania

Work Health and Safety Act 2012

Work Health and Safety (Transitional and Consequential Provisions) Act 2012

Work Health and Safety Regulations 2012

Work Health and Safety (Transitional) Regulations 2012

Legislation for TAS: <https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations>

Codes of Practice for TAS: <https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice>

Details of permits, licenses or access required by regulatory bodies (add or delete as required):

- Permits from local council
- Authorisation to commence work
- Any required documents.

SIGNATORIES OF THE SAFE WORK METHOD STATEMENT

The signed and dated personnel listed below have cooperated in the consultation and development of this Safe Work Method Statement which has been approved by the Person/s Conducting a Business or Undertaking (PCBU). In signing this Safe Work Method Statement each individual acknowledges and confirms that they have read this SWMS in full, having raised any questions for items on this Safe Work Method Statement that require clarification, and confirms that they are competent, skilled and knowledgeable for the task assigned to them. Every person acknowledges that they have received the relevant training and qualifications where required, before carrying out any work contained in this Safe Work Method Statement. By signing this Safe Work Method Statement each individual agrees to work safely, to follow any safe work instructions which are provided, and agrees to use all Personal Protective Equipment where appropriate.

| Worker Name | Signature | Date |
|-------------|-----------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

SAFE WORK METHOD STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to make sure it remains effective and must be reviewed (and revised if necessary) if relevant control measures are revised. The review must be carried out in consultation with workers (including contractors and sub-contractors) who may be affected by the operation of the SWMS and their health and safety representatives who represent that work group at the workplace.

When the SWMS has been revised the PCBU must ensure that all persons involved with the work are advised that a revision has been made and how they can access the revised SWMS, including all persons who will need to change a work procedure or system as a result of the review are advised of the changes in a way that will enable them to implement their duties consistently with the revised SWMS. All workers that will be involved in the work must be provided with the relevant information and instruction that will assist them to understand and implement the revised SWMS.

The SWMS must be monitored regularly for the effectiveness of ensuring hazard controls are effective in reducing the risk of incidents, keeping the workplace safe for all personnel. The person responsible for monitoring the effectiveness of the Safe Work Method Statement should employ a multi-faceted approach which includes but is not limited to:

1. Spot Checks.
2. Consultation with workers, contractors and sub-contractors.
3. Internal audits on a continual basis.

An approach of continuous improvement, promptly recording inconsistencies or deficiencies, followed up by immediate corrective action and consultation with all relevant personnel ensures that the PCBU is consistently developing ever-improving systems of safe work principles.

| REVIEW NUMBER | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------|---|---|---|---|---|---|---|
| NAME | | | | | | | |
| INITIALS | | | | | | | |
| DATE | | | | | | | |

SAFE WORK METHOD STATEMENT REVIEW CHECKLIST

This Safe Work Method Statement Review Checklist is to be followed and used upon initial development of the SWMS to help ensure that all steps have been adequately taken before work commences. Think of this document as an internal audit review checklist before commencing work, and may form part of a Toolbox Talk (safety meeting) and may be used as an opportunity for education and training.

| ITEMS WHICH MUST BE INCLUDED IN THE SWMS | COMPLETED | COMMENTS |
|--|-------------------------------------|-----------------------|
| The company details have been entered, including the project name and address. | <input checked="" type="checkbox"/> | |
| All relevant personnel consulted during the development of the SWMS. | <input checked="" type="checkbox"/> | |
| Name, signature, position and date signed of the person approving the SWMS. | <input type="checkbox"/> | |
| Specific personnel and qualifications, experience is noted in the SWMS. | <input checked="" type="checkbox"/> | |
| Provides a step-by-step process of tasks required to carry out the activity or task. | <input checked="" type="checkbox"/> | |
| Adequate risk assessment of any identified hazards has been completed. | <input checked="" type="checkbox"/> | |
| Foreseeable hazards are identified and documented for each step. | <input checked="" type="checkbox"/> | |
| Any hazards listed in any site risk assessments have been added to the SWMS. | <input checked="" type="checkbox"/> | |
| SWMS initial risk (IR) column as well as residual risk (RR) column completed. | <input checked="" type="checkbox"/> | |
| Check control measures added to the SWMS are the most effective selected. | <input checked="" type="checkbox"/> | |
| Responsible person is assigned and listed on the SWMS for the implementation of control measures. | <input checked="" type="checkbox"/> | |
| Permit or licenses requirements specified, such as Hot Work, Electrical Work, Work at Heights etc. | <input checked="" type="checkbox"/> | |
| SWMS identifies plant and equipment to be used. | <input checked="" type="checkbox"/> | |
| Details of inspection checks required for any equipment listed and noted on the SWMS. | <input checked="" type="checkbox"/> | |
| Describes any mandatory qualifications, experience, training or skills required to perform the work. | <input checked="" type="checkbox"/> | |
| Applicable personal protective equipment is selected on the SWMS. | <input checked="" type="checkbox"/> | |
| Reflects and documents any legislative references and/or Australian Standards. | <input checked="" type="checkbox"/> | |
| Identifies any hazardous substances used with specific control measures in line with any SDS. | <input checked="" type="checkbox"/> | |
| | | |
| REVIEWED BY | | DATE REVIEWED |
| SIGNATURE | | DATE COMPLETED |