# SWMS 115 – STRUCTURAL DEMOLITION WORK

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| **NOTE:** This industry standard SWMS template has been made accessible by Breffni Ceilings & Partitions Pty Ltd, to be used as a **guide only**. The sub-contractor/user is entirely responsible for its contents at the point of submission. Therefore, please ensure that every section is reviewed and personalised in full. | | | |
| 1. **PROJECT DETAILS** | | | |
| **Project Name:** |  | **Project Address:** |  |
| **Client / Principal Contractor:** |  | | |
| **Description of Work (Scope):** |  | | |
| **High Risk Construction Work:** | Structural Demolition Work | | |
| **Date Work is to Commence:** |  | **Approx. Duration of Work:** |  |
| **Person Responsible for Monitoring Activity:** |  | **Name:** |  |
| **Date Created:** |  | **Issue:** | A |

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| 1. **CONSULTATION** | | | | | | | |
| **THIS SWMS HAS BEEN DEVELOPED IN CONSULTATION WITH THE FOLLOWING WORKERS:** | | | | **SWMS PROVIDED TO CLIENT / PRINCIPAL CONTRACTOR** | | | |
| **Issue:** | **Name:** | **Position:** | **Date:** | **Issue:** | **Name:** | **Position:** | **Date:** |
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| 1. **APPROVAL** | | | |
|  | **APPROVED BY** | **REVIEWED PRIOR TO WORK COMMENCING  (Principal Contractor Representative)** | **REVIEWED ON SITE PRIOR TO COMMENCING WORK (Site Supervisor)** |
| **NAME** |  |  |  |
| **SIGNATURE** |  |  |  |
| **DATE** |  |  |  |

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| 1. **PERSONAL PROTECTIVE EQUIPMENT** | | | | | | | | | | | | |
| **Uniform** | **Footwear** | **High Vis’** | **Safety Helmet** | **Protective Eyewear** | **Face Shield** | **Fall Arrest** | **Gloves** | **Hearing** | **Dust Mask** | **Respirator** | **Other** | **PPE. Notes (e.g. P2 Dust Mask, etc.)** |
|  |  |  |  |  |  |  |  |  |  |  |  | Other mandatory site PPE as advised by Client or PC. |
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| 1. **PERMITS, TICKETS OR LICENCES REQUIRED TO PERFORM WORK** | |
| **Role / Task** | **Permit, Ticket or Licence** |
| Workers | Company Induction, General Construction Induction |
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| 1. **PLANT AND EQUIPMENT** | | | |
| **Plant and Equipment Description** | **Maintenance / Checks / Tests** | **Plant and Equipment Description** | **Maintenance / Checks / Tests** |
| Mobile Plant | Manufacturers prestart checks recorded on log books |  |  |
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| 1. **CHEMICALS** | | | |
| **Chemical Name** | **Hazardous?** | **SDS Attached** | **Controls** |
|  | Yes  No | Yes  No | As per Safety Data Sheet |
|  | Yes  No | Yes  No |  |

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| 1. **LEGISLATION AUSTRALIAN STANDARDS AND CODES OF PRACTICE TO BE COMPLIED WITH** | |
| **Queensland** | **National** |
| *Work Health and Safety Act 2011* | AS 2601-2001 The demolition of structures |
| *Work Health and Safety Regulation 2011* |  |
| WHS Consultation, Cooperation and Coordination Code of Practice 2011 |  |
| Demolition Work Code of Practice 2013 |  |
| Managing Noise and Preventing Hearing Loss at Work Code of Practice 2011 |  |

| 1. **WORK RISKS AND CONTROLS** | | | | | | |
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| **Item No.** | **Job Procedure in Steps** | **Possible Health, Safety and Environmental Hazards/ Risks** | **Risk Score Before** | **Health, Safety and Environmental Controls** | **Risk Score After** | **Person(s) Responsible** |
|  | Pre-start | Workers not understanding risk controls | **E 80** | Pre-start meeting with workers to discuss requirements of this SWMS.  Feedback will be requested from workers.  All workers to sign off accordingly. | **M 52** | Site Supervisor |
|  | Demolition | Electrical hazard | **E 92** | A “Permit to Demolish” will be submitted prior to demolition. A procedure exists to ensure that electricity is isolated prior to demolition. | **M 52** | Worker  Site Supervisor |
|  |  | Personnel damage | **E 84** | Wear appropriate personal protective equipment. | **L 40** | Worker  Site Supervisor |
|  |  | Public damage | **E 84** | Appropriate signs, barriers and screens erected for protection. | **L 40** | Worker  Site Supervisor |
|  | Perimeter screening | Public and personnel damage | **E 84** | Perimeter screening must be made of mesh or timber, plywood or metal sheeting.  The screening must be able to stop any object likely to hit it.  If the perimeter screening is used to redirect objects to a catch platform the screening should be fitted vertically to the top of or flush with the outer edge of the catch platform.  **The framework supporting a screen must be able to bear the load of the screen.** | **L 40** | Worker  Site Supervisor |
|  | Mobile machinery | Serious bodily injuries | **E 80** | Ensure other workers are clear of mobile machinery.  Barricade work area.  Use another worker to monitor movement and hazards.  Display warning signs.  Ensure that machinery’s safety features operate e.g. beepers and or flashing lights. | **M 44** | Worker  Site Supervisor |
|  | Noise | Hearing loss | **E 80** | Control measures will be used if noise from work exceeds a Daily Noise Dose (DND) of 85db (A) for a period of 8 hours maximum. Control measures include:   * Elimination at the source by noise insulation or separation; and * Reduction of exposure time e.g. shorter shifts, PPE. | **L 40** | Worker  Site Supervisor |
|  | Dust | Eye, nose and throat irritation | **H 64** | The use of a water truck should be considered if large amounts of dust are being generated on site. Disposable face masks should also be worn if workers are exposed to dust. | **L 40** | Worker  Site Supervisor |
|  | Site Emergency | Poor or delayed response in the case of emergency | **E 80** | Site specific emergency procedures will be followed at all times. | **L 40** | Worker  Site Supervisor |
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| 1. **RISK ASSESSMENT TOOL** | | | | | | | | | |
| **RISK MATRIX** | | | | | | | | | **HIERARCHY OF CONTROLS** |
| **LIKELIHOOD** | | | **CONSEQUENCE** | | | | | |  |
| **1** | | **2** | **3** | **4** | **5** |
| **Insignificant** | | **Minor** | **Moderate** | **Major** | **Catastrophic** |
| **A.** | **Almost certain** | | **M 52** | | **H 64** | **E 76** | **E 88** | **E 100** |
| **B.** | **Likely** | | **M 44** | | **H 56** | **H 68** | **E 80** | **E 92** |
| **C.** | **Possible** | | **L 36** | | **M 48** | **H 60** | **E 72** | **E 84** |
| **D.** | **Unlikely** | | **L 28** | | **L 40** | **M 52** | **H 64** | **E 76** |
| **E.** | **Rare** | | **L 20** | | **L 32** | **M 44** | **H 56** | **H 68** |
| **SCORE INDICATOR** | | | | | | | | | |
| **SCORE** | | **LEVEL OF DANGER** | | **REQUIRED ACTION** | | | | | |
| **72 – 100** | | **EXTREME** | | **NO WORK SHOULD COMMENCE AT THIS LEVEL!**  This is an unacceptable level of risk. A review of controls must be performed to reduce risk as low as reasonably practicable. If risk cannot be further reduced, a Permit System must be applied. The permit must be available at all times work is being performed, signed by both the workers, a senior management representative and the Client (if applicable) to ensure that the risk is reduced as far as practicable. | | | | | |
| **56 – 68** | | **HIGH** | | **WORK CAN COMMENCE AT THIS LEVEL IF THE CONTROL MEASURES ARE APPROVED BY THE PROJECT MANAGER OR DELEGATE**  The Project Manager or delegate will review existing controls to ensure that the risk is reduced to as low as is reasonably practicable. | | | | | |
| **44 – 52** | | **MODERATE** | | **WORK CAN COMMENCE WITH CONTROL MEASURES IN PLACE.**  Management must monitor and review the controls to ensure controls are adequately used, do not present further hazards / risks and aim to reduce the risk further if practicable. | | | | | |
| **20 - 40** | | **LOW** | | **REVIEW IF CHANGES OCCUR.**  Record and review if any equipment, people, materials, work processes, or procedures change. | | | | | |

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| 1. **MONITORING AND REVIEW OF CONTROL MEASURES** | |
| **Pre-Start** | Pre-start meetings are held to review control measures and ensure workers are aware of controls. |
| **Ongoing Monitoring** | Site Supervisor will continually monitor works against the controls stated in this safe work method statement. The **Health and Safety Checklist** is used to document formal inspections of the works and work area. |
| **Annual** | This safe work method statement is reviewed annually or as required. |
| **NON-CONFORMANCE** | Should any aspect of this SWMS not be complied with, work affected by the non-compliance must cease. The Site Supervisor will either enforce the controls as stated by the SWMS or, where appropriate, review the SWMS in consultation with workers and update with more suitable controls provided the revised controls still ensure that the hazards / risks are controlled as far as reasonably practicable. |

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| 1. **SWMS CONSULTATION AND SIGN-OFF RECORD** | | | | | |
| I confirm, by signing below, that I have read and understand the requirements of this SWMS, that I agree that the SWMS is acceptable for the proposed work, and I agree to abide by the requirements. If the work conditions change, or additional hazards are identified, these changes shall be discussed, the SWMS modified and signed again. | | | | | |
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