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| **Prior to starting work:** |
| 1. All workers must have adequate training for the task.
2. Notification of the High Risk Asbestos Process will be made as follows:
	1. To the Occupational Health and Safety Division at least 14 days prior to the commencement of the job

 Reference: Notification of High Risk Asbestos Process Form* 1. To the applicable department OHC and workers
1. The work area will be isolated and marked with clearly visible asbestos hazard signage that states that access to the area is restricted to only personnel involved in the job who have proper PPE and equipment.
2. An Asbestos Control Plan will be developed for the job, which will include:
	1. Asbestos Permit
	2. FLHA identifying the controls that will be implemented to address the direct and ancillary hazards associated with the job
	3. A supplemental safe work plan outlining dust control measures, PPE, emergency release and egress measures, decontamination, disposal, and air monitoring.
	4. A copy of the notification to the division.
* Note: All documentation will be reviewed/approved by EHS prior to the commencement of work.
1. A supply of clean, tepid water will be outside the work area for decontamination purposes.
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| **PPE requirements:** |
| 1. Minimum: PAPR (powered air purifying respirator) with P100 filters
2. Disposable coveralls with head cover; snug/taped at ankles, wrist, and neck
3. Disposable boot covers and gloves (laceless rubber boots recommended)
4. Standard PPE along with any other PPE appropriate to other hazards present at the work site
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| **Work procedures (minimum requirements):** |
| 1. Clean up any visible dust or debris with a HEPA vacuum or wet method and remove it from the work area prior to enclosure.
2. Enclose the work area with polyethylene or other impervious material.
3. Establish a decontamination facility consisting of a change room, shower room, and room for changing into/storing clean clothes and equipment.
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| 1. Use 6 mil plastic drop sheets material to prevent the spread of asbestos dust to other areas.
2. Use only amended water to wet the material in order to control dust (unless it creates a hazard or may cause damage).
3. Use asbestos waste containers that are dust tight and suitable for the type of waste. The containers must be identified as asbestos waste and cleaned with a damp cloth or HEPA vacuum immediately before being removed from the work area.
4. Remove any waste or debris frequently using a HEPA vacuum or wet method.
5. Seal all surfaces using a bonding agent to prevent remaining asbestos fibres from becoming airborne, including the containment prior to dismantling.
6. Do not eat, drink, chew gum or tobacco, smoke or vape in the work area.
7. Do not use compressed air in the work area.
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| **Decontamination:** |
| 1. Dust and waste must be cleaned up with a HEPA vacuum or wet sweeping or damp mopping.
2. Drop sheets must be wetted, folded in on themselves, and properly bagged and disposed of as asbestos waste.
3. Compressed air must not be used to remove dust from surfaces or clothing.
4. Disposable clothing and materials used for cleaning must be disposed of as asbestos waste.
5. Non-disposable clothing and equipment will be cleaned with a HEPA vacuum or wiped with a damp cloth.
6. Workers will immediately enter the decontamination area when leaving the work area and:
	1. Decontaminate protective clothing with HEPA vacuum or damp wiping before removing,
	2. Place clothing in asbestos waste container, and
	3. Shower, remove, and clean the respirator.
7. Workers shall not enter common areas until after decontamination is complete.
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| **Disposal:** |
| 1. All asbestos waste must be double bagged in 6 mil plastic sealed bags and labelled as “Asbestos”.
2. The external surfaces of asbestos waste bags must be cleaned using a HEPA vacuum or wet cloth (which must also be disposed of as asbestos waste) before removing from the work area.
3. Asbestos waste will be disposed of in designated site Asbestos Bins for removal from site.
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| **Upon completion of work:** |
| 1. Clean up in the work area will be completed.
2. A visual inspection of the work area will be completed.
3. Encapsulation will be completed to prevent any remaining asbestos fibres from becoming airborne.
4. Air clearance sampling will be conducted – sample must be <0.01 f/cc.
5. Work area dismantling and disposal will be completed.
6. A final work area inspection will be completed to ensure that all clean-up is complete, and all waste has been disposed of.
7. The Asbestos Permit will be completed and signed off. The permit and associated documentation will be returned to EHS.
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| **Additional measures for a High Risk Asbestos Process:** |
| 1. A ventilation system equipped with a HEPA filter will be installed to maintain a minimum negative air pressure of 0.02 inches of water relative to the area outside the enclosure.
2. A competent worker will inspect and maintain the ventilation system prior to each use, ensuring there is no air leakage and that all filters and pre-filters are replaced or changed as needed.
3. The pressure differential between the enclosure and outside area will be measured at regular intervals.
4. Where wet removal methods are being used, electrical power will be de-energized (when practicable).
5. Temporary power systems for tools and equipment will be equipped with ground fault circuit interrupters.
6. Air supply taken from outside the enclosed area will be free from any hazardous dust, vapour, smoke, fume, mist, or gas.
7. When leaving the work area, the mechanical ventilation system serving the work area will be disabled and all openings (including ventilation ducts to the work are) will be sealed using appropriate means.
8. Final air clearance sampling must be completed prior to releasing the area.
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***SEE “APPENDIX E – UNCONTROLLED ASBESTOS RELEASE PROCEDURES” IF THERE IS AN UNCONROLLED RELEASE OF ASBESTOS.***