



School District 8
Kootenay Lake

Appendix 5901: Asbestos Management Plan

Identification, Management, Controls, Procedures

Asbestos Management Plan

1. Definitions and Abbreviations

1.1 AECP - Asbestos Exposure Control Plan

1.2 ACM - Asbestos Containing Material

1.3 NOP - Notice of Project

2. Purposes and Responsibilities

2.1 Purposes

2.1.1 The School district No. 8 (Kootenay Lake) (“school district”) Asbestos Exposure Control Plan (AECP) is designed to protect individuals from harmful exposure to asbestos fibres.

2.1.2 To achieve this protection, the school district and its employees shall satisfy Part 6 of the WCB Occupational Health and Safety Regulation: Substance Specific Requirements: Asbestos. <https://www.worksafebc.com/en/law-policy/occupational-health-safety/searchable-ohs-regulation/ohs-guidelines/guidelines-part-06>

2.2 Responsibilities- The School district, through the Office of the Director of Operations shall:

2.2.1 Appoint a District Asbestos Coordinator to oversee all aspects of the AECP. The Manager of Operations shall be the District Asbestos Coordinator;

2.2.2 Conduct risk identification and assessment of employees’ potential exposure to asbestos (currently this is conducted by a qualified outside contractor) as recognized by WorkSafeBC;

2.2.3 Contractor will be required to sign an agreement prior to the start of work, file a Notice of Project with WorkSafeBC and School district No. 8, as well as provide a letter of clearance at completion of projects;

2.2.4 Prepare and keep the asbestos-containing material (ACM) inventory current;

2.2.5 Implement controls to keep ACM exposure levels as low as reasonably achievable;

2.2.6 Provide employees with appropriate personal protective equipment and appropriate training on how to use the equipment;

2.2.7 Ensure that employees with a potential exposure risk receive annual education and training on ACM and on the AECP;

- 2.2.8 Ensure that all pertinent records are maintained;
 - 2.2.9 Arrange asbestos awareness education annually for all staff and for new employees at the time of hire;
 - 2.2.10 Develop and maintain a respirator program for workers who may be exposed to asbestos;
 - 2.2.11 Develop and maintain safe work procedures for handling and disposing of asbestos;
- 2.3 The school district, through the office of the Director of Operations, shall:
- 2.3.1 Review annually the AECPP and update it as necessary;
 - 2.3.2 Hire qualified asbestos abatement contractors and environmental consultants for low-, moderate- and high-risk asbestos work, including capital and maintenance projects which could lead to worker exposure;
 - 2.3.3 Communicate the nature of all asbestos work to the principal/site manager, who will notify the staff;
 - 2.3.4 Ensure that a WorkSafeBC Notice of Project (NOP) and asbestos risk assessment are posted within timelines that comply with WorkSafeBC regulations, for all asbestos work;
 - 2.3.4.1 At the active location of the asbestos work within the building, and
 - 2.3.4.2 Maintain a record of asbestos related work, testing/monitoring which will be made available to the District Asbestos Coordinator.
- 2.4 Principals and supervisors are responsible for:
- 2.4.1 Informing employees with respect to asbestos;
 - 2.4.2 Prohibiting work that disturbs building materials at asbestos containing sites until they are satisfied that this work has been approved by the Director of Operations or designate;
 - 2.4.3 Ensuring that employees with a potential exposure risk follow safe work practices;
 - 2.4.4 Ensuring that employees with a potential exposure risk wear appropriate personal protective equipment;
 - 2.4.5 Ensuring attendance of all affected employees at education/training sessions provided on asbestos;
 - 2.4.6 Initiating accident investigations of exposure incidents;
 - 2.4.7 To be designated as the Site Asbestos Coordinator for the site and will be

responsible for ensuring the Asbestos Binder and the online Asbestos Database is made available and kept up to date;

2.4.8 Ensuring staff know proper procedures for asbestos exposure and location of the safe work procedures.

2.5 Employees who are at risk of exposure to asbestos will:

2.5.1 Use the equipment provided for their protection;

2.5.2 Follow safe work procedures as provided by the school district and WorkSafeBC regulations;

2.5.3 Attend/participate in education or training opportunities regarding asbestos and the AECOP and;

2.5.4 Participate in accident investigations of exposure incidents.

3. Risk Identification and Assessment

3.1 Action Requirements

3.1.1 The school district will provide each worksite with a hard copy of the site's Asbestos Binder as well as access to an electronic database.

3.1.2 The school or worksite shall place a hardcopy of the Asbestos binder in a place accessible to employees.

3.1.3 The school district's operations department shall retain documented information regarding priority designations throughout the school district.

3.2 Surveys

3.2.1 Asbestos has been identified in some of the building materials in the school district and multiple formal asbestos identification surveys have been conducted.

3.2.2 The sample results shall be accessible in one electronic database. This database shall be considered the primary source of asbestos identification in the district.

3.2.3 The Manager of Operations shall ensure that paper copies shall be distributed to all schools/sites where asbestos has been identified for inclusion in the site's Asbestos Binder.

3.2.4 A set of paper copies shall be kept at applicable district sites.

3.3 Labels

3.3.1 The Manager of Operations shall ensure that yellow stickers are placed on asbestos

containing areas.

3.3.2 Areas containing asbestos shall be identified by the yellow door sticker and can be found in the worksite's Asbestos Binder.

3.4 Risk of Exposure

3.4.1 The following chart identifies ACM Associated risk of exposure, risk ratings and staff potentially at risk:

Task	Risk	Workers
Work adjacent to undisturbed material	Low risk	All staff in buildings constructed earlier than 1990
Suspect material (sample) collection	Moderate risk	Trained staff/contractors only:
Identify a suspect damaged material	Low risk (not disturbed); higher risk if they disturb material	All staff trained in asbestos identification
Maintenance tasks on building older than 1990	Risk depends on potential for disturbance	Carpenters, electricians, plumbers, painters trained in asbestos

3.5 Ongoing Assessment and Inspection

3.5.1 The condition of the asbestos-containing materials (ACM) shall be evaluated when required.

3.5.2 The inspections shall be performed by the District Asbestos Coordinator and maintenance personnel, and the ACM report updated.

3.5.3 Inspections shall be conducted on an as needed basis based on work planned and completed at the site.

3.5.4 The ACM report includes details about the condition of the materials, their friability, accessibility, likelihood of damage and potential for fiber release. If needed, subsequent repair or removal will be coordinated by the District Asbestos Coordinator. It shall be recorded in the Asbestos Database if there are any changes in the location's use (storage turned to classroom) or airflow the ACM should be notified.

3.5.5 If damaged ACM is discovered the Site Asbestos Coordinator will follow the safe work procedure Asbestos Release (Appendix B), and employees shall immediately notify the District Asbestos Coordinator or designate.

3.6 Bulk Sample Collection Procedures

3.6.1 Bulk samples of materials suspected of containing asbestos shall be collected

by an AHERA certified contractor or employee and sent for analysis to a laboratory meeting the requirements of WorkSafeBC to determine their content. The Director of Operations shall ensure that required upgrades are completed.

- 3.6.2 The Manager of Operations shall assemble all required personal protective equipment (PPE) and tools, including disposable Tyvek coveralls (or similar) with integral head covering that fits snugly at the wrists and ankles, booties, half-face respirator with P100 HEPA cartridges, water mister, water supply, cutter tools, scoop, sample collection bags, wiping cloth or disposable talc-free wet-wipes, disposal bags, duct tape, and so on. This respirator is the min requirement. Employees may also use other products such as asbestos disposal bags, or patching materials. Employees shall:
 - 3.6.2.1 Put on disposable Tyvek coveralls and, where deemed necessary, booties. Wear disposable gloves. Determine whether ankles and wrists of coveralls need to be sealed (this may be necessary when sampling very friable material such as vermiculite insulation).
 - 3.6.2.2 Employees shall mark the boundary of the sampling area (for example, with barrier tape) and signage. Inform any nearby workers of the potential asbestos hazard and instruct them to stay outside the area. Any worker in the sampling area must use a respirator and Tyvek suit. Depending upon the condition of the materials, sampling must be carried out in a manner that will minimize disturbance and generation of airborne fibers. Any worker in the sampling area must wear the appropriate PPE.
 - 3.6.2.3 Put on and fit-check the half-face air-purifying respirator. This respirator is the min requirement. Other full face type respirators may also be used.
 - 3.6.2.4 Identify locations from which to collect bulk samples.
 - 3.6.2.5 To minimize the release of dust, use a water mister to wet the material to be sampled.
 - 3.6.2.6 Use sampling tools to collect the desired sample, minimizing disturbance of the material and collecting only the amount necessary. If pieces break off during sampling, clean up the debris using a HEPA vacuum or by wet wiping. Where necessary, cover the area with poly drop sheets to catch and contain loose materials generated during sampling.
 - 3.6.2.7 Place the collected sample in the sample bag and label the bag with collection details. Seal the sample bag. Samples must be double-bagged.
 - 3.6.2.8 Using wet wipes, wet paper towels, or a wet cloth, wipe up any visible material that may have fallen or become dislodged during sample collection.
 - 3.6.2.9 Place this waste material (including wipes) in a designated asbestos

waste bag.

- 3.6.2.10 Use tape, caulking, or other effective means where appropriate to seal sample collection locations where the sample collection may have resulted in minor damage to the material sampled. (For example, after disturbing drywall or ceiling material, tape or caulk the area to seal it.)
- 3.6.2.11 Decontaminate (wipe) tools between sample collections and after completing all sample collections.
- 3.6.2.12 In a clean area, remove disposable Tyvek coveralls, booties, and gloves and place them in the designated waste bag. The method of waste disposal will depend on the quantity of the material generated.
- 3.6.2.13 In the clean area, remove and clean off the respirator. Use a wet cloth or wipe to clean any exposed skin areas.
- 3.6.2.14 Do a final check of all equipment.
- 3.6.2.15 Complete sample analysis forms (such as the chain-of-custody form), update sampling notes, and submit samples to the lab.

4. Control Procedures

- 4.1 All asbestos work shall be done by qualified contractors who have agreed, in writing, to occurrences when employees work adjacent to undisturbed ACM.
- 4.2 District staff who are trained in asbestos may perform low risk asbestos tasks.
- 4.3 Any project work that involves disturbing any building materials in an asbestos-containing school shall require additional sampling as required for asbestos by the qualified consultant before the work can proceed, unless:
 - 4.3.1 Previous sampling indicates that the material does contain asbestos; or
 - 4.3.2 The material is too new to contain asbestos; or
 - 4.3.3 The material could not reasonably be expected to contain asbestos, e.g., wood or drilling into a steel beam.
- 4.4 If the sampling indicates that no asbestos is present in the material, the work may proceed in the usual manner. If the sampling confirms the presence of asbestos, then the asbestos in the area of the intended work must be removed or rendered incapable of becoming friable before the project can commence.
- 4.5 If the Asbestos Binder information indicates that the drywall taping compound sampled in one area contains asbestos, all rooms that were drywalled in the same wing/area of the building where the sample was taken are to be assumed to have drywall taping compound that contains asbestos. The same principle holds for sampling on other materials, such as ceiling tiles, vinyl sheet flooring, etc.

- 4.6 Prior to allowing any vendor or contract service provider to do any work that disturbs or potentially disturbs any building materials that may contain asbestos at any of these sites, the Manager or Director of Operations must contact the District Asbestos Coordinator or designate.
- 4.7 The District Asbestos Coordinator (or their designate) will either grant permission to allow the contractor or vendor to proceed or will arrange for sampling of the material in question to determine if it contains asbestos.
- 4.8 If asbestos is found, the district asbestos coordinator (or their designate) will coordinate all WorkSafeBC approved measures to eliminate the risk of releasing asbestos fibers into the air. Without exception, the contractor may not make their own arrangements for identification or removal of asbestos containing materials. All work completed by contractors will be completed independently, however must follow procedures laid out in the Asbestos Exposure Control Plan and WorkSafeBC regulations.
- 4.9 The district shall comply with all applicable WSBC Regulations, apart from the low-risk work that occurs when employees work adjacent to undisturbed ACM.
- 4.10 Any project work that involves disturbing any building materials in an asbestos-containing school will require additional sampling as required for asbestos by the qualified consultant before the work can proceed, unless:
 - 4.10.1 Previous sampling indicates that the material DOES contain asbestos; or
 - 4.10.2 The material is too new to contain asbestos; or
 - 4.10.3 The material could not reasonably be expected to contain asbestos, e.g., wood or drilling into a steel beam.
- 4.11 If the sampling indicates that no asbestos is present in the material, the work may proceed in the usual manner. If the sampling confirms the presence of asbestos, then the asbestos in the area of the intended work must be removed or rendered incapable of becoming friable before the project can commence.
- 4.12 If the binder information indicates that the drywall taping compound sampled in one area contains asbestos, all rooms that were drywalled in the same wing/area of the building where the sample was taken are to be assumed to have drywall taping compound that contains asbestos. The same principle holds for sampling on other materials, such as ceiling tiles, vinyl sheet flooring, etc.

5. Education and Training

- 5.1 The District Asbestos Coordinator shall have the following training and qualifications:

- 5.1.1 Familiarity with the hazards and precautions required for handling and working around asbestos and asbestos-containing materials;

- 5.1.2 Thorough knowledge and understanding of the components of the AECP;
- 5.1.3 Instruction and training in the administration of the AECP from a health and safety professional with experience in the practice of occupational hygiene as it relates to asbestos management; alternatively, the person may have completed a course from a widely recognized training program, which would impart equivalent information, methods, practices and procedures to the recipient, such as AHERA, NOISH or other similar training programs.

5.2 All Operations' staff will be trained in the specifics of the school district's AECP and in the specific work procedures they are expected to follow. New staff members will be trained at the earliest possible training session.

5.3 Custodial staff will be trained in the hazards of asbestos, and the procedures and responsibilities in the AECP.

5.4 Employees not members of the Operations Department will be provided with information regarding the hazards of asbestos, the locations of asbestos-containing materials at their site, the necessary precautions to avoid exposure to friable asbestos, and the procedure for reporting concerns about asbestos-containing material.

5.5 Education sessions will be in the form of online training sessions scheduled as near as possible to the start of the school year.

5.6 Testing and attendance records are to be completed and sent to the Manager of Safe Schools & OHS.

6. Written Work Procedures

6.1 The District provides the following asbestos related work procedure to all employees outlined in Appendix B.

7. Documentation

7.1 The following records will be maintained by the Operations Department, with assistance from District Health and Safety, for a minimum of ten (10) years.

7.1.1 ACM inventories;

7.1.2 Air monitoring results of asbestos removal/remediation work and clearance letters;

7.1.3 Records or corrective actions to control fiber release;

7.1.4 Records of training and instruction workers;

7.1.5 Written work procedures and written notifications to WorkSafeBC (NOPAs).

8. Review

8.1 This AECPP will be reviewed annually by the District Asbestos Coordinator and Manager of OH&S.

9. References

Appendix A

Asbestos Identification & Caution Labels

CAUTION

**Asbestos Containing
Material (ACM)**

**Cancer and lung disease hazard
Do not disturb without proper
training and equipment.**

SAMPLE

Appendix B

Procedures

Working in Areas Known or Suspected to Contain Asbestos Containing Material

INTRODUCTION

School district No. 8 (Kootenay Lake) has identified known areas which contain asbestos. As long as these materials remain undisturbed, the asbestos presents no hazard to workers. It is possible that workers may encounter areas which contain asbestos which have not already been identified. In the event a worker encounters an area where they suspect previously unidentified asbestos may be present, they shall discontinue any work which might disturb the asbestos and inform the District Asbestos coordinator (or designate) of the possibility of the presence of asbestos containing material. The DAC will be responsible for ensuring an adequate assessment is made to determine if the area in question does or does not contain asbestos. If the material is identified as containing asbestos the DAC or designate will be responsible for ensuring a professional certified asbestos abatement contractor or employee is contacted for remediation and removal of asbestos.

SCOPE

School district employees may be required to work in areas which have compounds containing low percentage asbestos. Primarily, this involves work in some of the older buildings which may contain caulking compounds, drywall mud, etc., which may contain small quantities of asbestos. The risk of potential exposure above the permissible concentration allowed by WSBC Regulation is minimal, given the amount of asbestos contained in such compounds. These procedures are designed to ensure that no employee is knowingly exposed to the hazards associated with friable asbestos.

Areas containing asbestos have been identified in district buildings. Door stickers for applicable rooms have been installed. An Asbestos Binder has been developed and placed in every school where asbestos has been identified.

NOTE: The Asbestos Binder or the online database should be consulted PRIOR to work being conducted in an area where asbestos may be suspected. For example: repairing ceiling tiles, Gyprock walls, floor tile etc.

ADMINISTRATOR(S) AT THE SCHOOL

There may be a time where there is damage at the school or a disturbance of asbestos containing material in the walls, ceiling tiles, or flooring. In the event of such a disturbance the Administrator, or their designate, will:

- consult the Asbestos Binder or online database to see if the area has been identified as containing asbestos material;
- immediately contact Operations at 250-354-4871
- If safe seal off the area or room;
- notify staff and students to stay out of the damaged area.

MAINTENANCE

- consult the Asbestos Binder at the school to see if the area has been identified as containing asbestos material;
- Wear appropriate PPE
- damp down the debris with water or wet cloths;
- close door of classroom or tape off hallway etc;
- post signage which clearly indicates that the area or material may contain asbestos and therefore **DO NOT ENTER**;
- immediately contact the DAC or designate;
- attend to the site to ensure it has been made as safe as possible prior to the arrival of the external contractor for asbestos abatement if applicable;
- follow the procedures below.

ACCIDENTAL RELEASE OF ASBESTOS CONTAINING MATERIAL

1. Preparation

- In the event of an accidental release of material which is known, or suspected to, contain asbestos the following work procedure will apply:
- the immediate area shall be barricaded or taped off to prevent entry of unauthorized workers or other persons;
- any air return or other HVAC opening in the area will be sealed to prevent introduction of asbestos into the ventilation system;
- the areas containing asbestos containing material shall be identified and clearly marked. The area must have signage placed which indicates **ASBESTOS MATERIAL - DO NOT ENTER**;
- the workers involved shall ensure adequate personal protective clothing is available and used; this includes, but is not limited to, personal respirators which have been fit tested and equipped with HEPA filters, disposable coveralls, eye protection, any other personal protective equipment appropriate to the work being performed and hazards encountered.

2. Working Procedure

- Trained personal only may don the appropriate PPE and with a designated vacuum containing a HEPA filter perform the immediate clean up;
- if possible, the debris should be wet down with water; do not use a hose or sprayer which may scatter particulate into the air;
- a plastic sheet can be placed over the material (hole) to ensure that any friable asbestos accumulates on the drop sheet; on completion of the work the drop sheet shall be removed;
- disposable coveralls and other disposable items were used by staff they shall be removed and disposed of as asbestos waste material;
- barricades, etc., may be removed once the hazard has been eliminated.

If, at any time during the process, you have doubts as to the correct procedures to be followed, stop work immediately and request direction from your Supervisor.

To report damage in an area known to contain asbestos please phone (250) 354-4871.



School District 8
Kootenay Lake

SAFE OPERATING AND WORK PROCEDURE Asbestos Release

Site Administrator or Designate Procedure for Asbestos Release

The site administrator, or their designate, is the Asbestos Abatement Coordinator for their site.

There may be a time where there is damage at the school or a disturbance of asbestos containing material in the walls, ceiling tiles, or flooring. In the event of such a disturbance the Site Administrator, or their designate, will:

1. review the Asbestos Binder to determine if there is asbestos containing material in the area;
2. contact Operations at (250) 354-4871;
3. secure area and label entry with “Asbestos, Do Not Enter” signage (See appendix A).

Appendix C

Inspection Checklist

Date: _____

ASBESTOS INSPECTION FORM

Item: (ie: floorsheeting, ceiling tile, vermiculite insulation, etc.)

Location: (ie: room 147, gym storage room, etc.)

Condition:

Item: (ie: floorsheeting, ceiling tile, vermiculite insulation, etc.)

Location: (ie: room 147, gym storage room, etc.)

Condition:

Item: (ie: floor sheeting, ceiling tile, vermiculite insulation, etc.)

Location: (ie: room 147, gym storage room, etc.)

Condition:

TASKS: LOW RISK - DRYWALL REMOVAL	PREPARED BY: School district No. 8	ISSUE DATE: April 1, 2023	ISSUE LEVEL A
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OBJECTIVE:
Trained workers will safely remove less than 1 square metre of asbestos containing drywall joint filler compounds on walls.

EQUIPMENT AND/OR MATERIALS: HEPA vacuums, 6 mil Poly, airless and/or handheld tank sprayer, labeled 6 mil poly bags, surfactant, ground fault circuit Interrupter(s). crowbar, utility or hook knife with HEPA filtration, level 3 first aid kit.	PROTECTIVE EQUIPMENT: Half Face APR equipped with P100 cartridges, full body tyvek suits, steel toed rubber boots, eye protection and gloves.
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STEPS IN PROCEDURE

1.0 GENERAL

1. Only in the event of an emergency will any work with asbestos commence during school hours in the presence of students.
2. Prior to the start of any work involving asbestos, any personnel working in the immediate area will be informed of the nature of work and that suitable precautions will be used to ensure that they are not exposed to asbestos fibres.
3. Post warning signs and barrier tape that indicates the asbestos hazard and the requirement for protective clothing for anyone entering the work zone. Post notice of project, fit test documents, MSDS sheets and work procedures for the area.
4. All required protective clothing must be worn prior to commencing work.

NOTE: 1 DO NOT SAND, DRY SWEEP, DRILL, AND SAW, MECHANICALLY CHIP OR PULVERIZE EXISTING DRYWALL.

2.0 Respiratory Protection

1. Workers will be trained and knowledgeable with the APR.
2. Workers will check the APR HEPA filter, HEPA filter seating, Face piece, valves, gaskets and connections.
3. Workers must perform a positive and negative air pressure fit test on the APR each time their respirator is put on.
4. Workers shall be given a qualitative fit test in accordance with procedures detailed in the CSA fit testing protocol for the Half Face Dual Cartridge APR which is being used in the removal process.
5. Documentation of the respirator fit tests will be available for WorkSafeBC.
6. Site specific Entry and Exit Procedures will be reviewed with the Supervisor and understood and followed by all Workers.

3.0 Protective Clothing

Entering the Work Zone

1. Clearly mark the work area by placing barricades, fencing or similar structures around the work
2. area in order to shield the public and unprotected workers (3 meter perimeter).
3. Workers will put on full body disposable clothing (Tyvek or equivalent) to provide full body protection during any moderate risk asbestos work.
4. The protective clothing will be provided in all sizes as required by workers up to XXL.
5. Workers will tape their wrists to properly secure the suit and gloves.
6. Trained workers will enter the work area only after putting on PPE.

Exiting the Work Zone

1. Wet wipe and HEPA vacuum disposable coveralls, boots and respirator in the work area.
2. Remove disposable coveralls and place in a 6 mil properly labeled polyethylene bag for disposal.
3. Still wearing respirator, exit the work zone, proceed to wash up area and damp wipe the outside of the APR.
4. Thoroughly clean the APR respirator before removal. Take care not to get the HEPA filters wet. (If filters become wet, they are to be disposed of and replaced with new filters). Remove the respirator and place cap back on filter. Continue to wash hands and face. Store respirator in a secure dry location.

4.0 AIR MONITORING

Independent Air Monitoring by a Qualified Person as applicable

1. Occupational samples collected during the removal of materials to establish effectiveness of the work procedures.

5.0 SD No. 8 - CONSTRUCTION SUBMITTALS

1. WorkSafeBC Notice of Project for Asbestos and SD No. 8's Site Specific Work Procedures have been submitted to the Occupational Hygiene officer and is posted at the job site.
2. SD 8 Supervisor will review the Site-Specific Work Procedures with the abatement crew to ensure that they have been understood and signed by all workers.
3. All workers are to be instructed on the use, care and emergency procedures of the respirator.
4. Workers have reviewed and signed the training acknowledgement forms.

6.0 SD 8 ON SITE CHECKLIST

1. Notice of Project for Asbestos
2. Manufacturer's equipment certifications.
3. Contractor's equipment certification.
4. Work area layout details.
5. If applicable - Scaffold and/or elevated platform drawings/engineers' certification
6. Waste manifest documentation.
7. Safety Data Sheet and Product data sheets.
8. Hazard signs, entry/exit procedures posted in the clean room.
9. Worker WHMIS training
10. First aid equipment will be located at the work site.
11. Valid first aid certificate holders.
12. Accident/incident logbook.

NOTE 2: ELECTRICAL SHOCK HAZARD EXISTS. USE A GROUND FAULT INTERRUPTER OFR ANY ELECTRICAL CONNECTIONS OF EQUIPMENT USED IN A WET ENVIRONMENT

7.REMOVAL PROCEDURES FOR DRYWALL

1. Remove all moveable equipment, furniture and appliances from the work area.
2. Isolate, damper and lock out ventilation system in the work area.
3. Isolate and lockout any affected electrical as per SD 8 Electrical Lockout Procedures.
4. Protect fixed equipment in a way of the work with 6 mil poly sheeting tp create an airtight barrier.
5. Set up decontamination area adjacent to work area.
6. Pre-clean floor and horizontal surfaces adjacent to drywall wall to be cut with HEPA equipped vacuum and damp wiping techniques.
7. Place polyethylene sheeting over floor a minimum of 3 meters in all directions from work area. Secure in place with duct tape. Make sure duct tape is not adhered to drywall wall to be removed. Ensure bathroom exhaust fan has been sealed with polyethylene sheeting.
8. Prepare the specified liquid surfactant solution.
9. Wearing protective equipment (APRs) and Tyvek suits remove any binding strips or other restrictive moldings from door jams, walls, ceilings etc. in a way of the drywall to be removed.
10. Worker(s) will layout the drywall wall to cut with marking pencil. Using a utility knife score the drywall with a straight edge to ensure straight lines. Mist amended water into the delaminating nip point to minimize any airborne dust particles and breakaway the drywall into manageable sections and place immediately into labelled 6 mil poly bags. Any concealed insulation and supporting drywall nails will be removed and disposed of as asbestos waste. Tie or tape the removed material securely and place in labeled 6 mil poly bags for disposal.
11. Remove and dispose of each succeeding drywall in the above manner.
12. When the drywall, associated supports and concealed insulation have been removed, HEPA vacuum the wall cavity with appropriate vacuum attachment.
13. Position the HEPA vacuum so that the discharge air does not blow on the area being cleaned.
14. Close full bags tightly and seal securely for disposal.
15. When the drywall has been removed let the area dry and HEPA vacuum with the appropriate vacuum attachment.
16. After HEPA vacuuming, HEPA filter bags shall be removed by trained workers according to the manufacturer's instructions and the vacuum itself bagged.
17. Double bag all waste materials in labeled 6 mil poly bags.
18. Upon satisfactory inspection an encapsulant sealer will be applied (must be compatible with any new materials).

NOTE 3: FLOORING BECOMES SLIPPERY WHEN WET WITH THE AMENDED WATER SOLUTION. USE CAUTION TO CONTAIN THE SOLUTION IN THE IMMEDIATE WORK AREA.

8.0 RE-ESTABLISHMENT OF THE WORK AREA

1. Re-establishment of the work area shall only occur following the completion of clean up procedures and the application of a sealant to applicable areas to the satisfaction of the

supervisor.

2. Workers will mist the polyethylene sheeting with amended water, roll sheeting into the centre and dispose of as asbestos contaminated waste.
3. Upon completion of the tear down the floor and other horizontal surfaces will be HEPA vacuumed and damp wiped to remove any settled dust.
4. Following a satisfactory visual clearance of the area by the supervisor, all remaining barriers can be removed and disposed of as asbestos contaminated waste.

9.0 WASTE DISPOSAL

1. Disposal of all asbestos waste will be in accordance with the Ministry of Environment regulations pertaining to hazardous waste.
2. Disposal must occur at an authorized site in accordance with regulatory requirements.
3. Copies of all dump receipts, trip tickets, transportation manifests or other documentation of disposal shall be kept as a record for the file.
4. Any asbestos stored on site will be stored in a lockable and labeled container. Containers will not be filled to capacity for transportation.

END OF LOW RISK DRYWALL REMOVAL PROCEDURE