

November 22, 2017

Mr. Jonathan Nash
Parks Canada
PO Box 9080, Postal Station A
Halifax, NS
B3K 5M7

Subject: Safe Work Practice
Halifax Citadel-Parks Canada Building
Cutting Holes Through Drywall with Asbestos-Containing Joint Compound
Our ref.: P-0014718-0-00-200

Dear Mr. Nash:

At your request, EnGlobe Corp. (Englobe) has prepared this Safe Work Practice (SWP) for cutting holes in drywall finished walls with asbestos-containing joint compound. It is our understanding that holes will be cut to run electrical cables through and will result in small diameter holes.

This SWP applies to the cutting of these holes using a drywall saw (hand tool) or a hole saw attachment on an electric drill, and is intended only for the work areas identified above. Additional care should be taken to not cut holes on seams, nail heads, or other places (patches) on the wall where drywall joint compound would have been applied.

As with any planned work involving the potential disturbance of asbestos-containing materials, only suitably qualified personnel should conduct this sort of work.

1. Equipment Required

- ▶ Manual or powered cutting equipment
- ▶ Pressurized fine mist water sprayer
- ▶ Polyethylene sheeting
- ▶ HEPA vacuum
- ▶ Half-face air-purifying respirator with P-100 filters
- ▶ Disposable gloves (e.g. nitrile)
- ▶ Tyvek suits (if required – see below)
- ▶ Asbestos waste bags
- ▶ Wetted rags

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2. Procedure

- ▶ Work will be conducted while the area is unoccupied (to the general public).
- ▶ Workers conducting the cutting will wear suitable respiratory protection (half-face air-purifying respirators with P-100 filters) and disposable gloves. If there is a likelihood of dust from the cutting procedure accumulating on workers' clothing, disposable Tyvek suits should be worn.
- ▶ The area beneath the cutting site (wall and floor surfaces) will be covered with polyethylene sheeting sufficiently large to retain any dust, runoff or debris that may fall to the floor.
- ▶ Water will be used during the entire cutting procedure to reduce the amount of dust generated. Water will be applied to the cut area by a pressurized water supply such as a pump sprayer.
- ▶ A HEPA vacuum cleaner will be used with the hose attachment positioned directly beneath the cutting equipment as the cutting commences to retain any dust generated.
- ▶ Any dust and/or debris that is retained by the polyethylene sheeting will be cleaned with the HEPA vacuum prior to removal of the polyethylene sheeting. The contractor will also provide HEPA vacuuming of a 1-metre area surrounding the polyethylene sheeting.
- ▶ All polyethylene sheeting and any Tyvek suits and gloves that are used will be disposed of as asbestos waste immediately upon completion of drilling.
- ▶ Workers will wash hands and all exposed skin areas following completion of the work and cleaning of the work area.

3. Closure

If you require additional information, please do not hesitate to contact the undersigned.

Yours Truly,
Englobe Corp.



Elizabeth Rogers, B.Tech(Env), CET
Project Manager, Environmental Engineering

BULK SAMPLE TEST REPORT
POLARIZED LIGHT MICROSCOPICAL ANALYSIS
TEST METHOD EPA/600/R-93/116

Client/Project #: Parks Canada – Citadel, Halifax, NS
Analysis Date: November 17, 2017
File: P-0014718-0-00-200
E-Mail: jonathan.nash@pc.gc.ca
Analyst: AZ

Sample Label	Description	Friable	Asbestos Content
A1 Tides of History, Mechanical Room, interior wall, entry	Drywall joint compound	Yes	Chrysotile asbestos, 1-5%
A2 Tides of History Mechanical Room, Storage Room (inside) interior wall	Drywall joint compound	Yes	Chrysotile asbestos, 1-5%
A3 Storage Room (interior wall)	Grey caulking	-	None detected
A4 Elevator wall (interior), ground level Tides of History	Drywall joint compound	-	None detected
A5 Elevator, ground level	Ceramic tile adhesive and grout	-	None detected

Notes:

1. Limit of detection about 0.1% by weight



Analyst

Englobe maintains liability limited to cost of analysis. This report relates only to the samples reported above. Englobe bears no responsibility for analytical method limitations. Interpretation and use of test results are the responsibility of the client.

Englobe Corp.

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