



Type 3 Final Air Clearance Sampling

Inspection Report # 6

Project Name: 33-35 Heney Street – Type 3 Plaster Removal
Project Location: 33-35 Heney Street, Ottawa, ON
CM3 Site Inspector: Dave Sawyer
Project Owner: 33 Heney Inc.
Client: Urban Green Contracting
Date: December 5, 2016
Contractor: Urban Green Contracting

Background			
The removal of asbestos-containing plaster from various identified areas within 33-35 Heney Street using Type 3 Asbestos abatement measures and procedures as per O.Reg 278/05.			
Site Isolation			
	Yes	No	Comments
Is area prepared for Type 3 removal in accordance with O.Reg 278/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The work area is adequately prepared for Type 3 abatement operations. The decontamination chamber is equipped with a fully functional shower for contractors to shower upon exiting the containment. Warning sign has been posted on entrance to decon.
Negative Pressure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	One unit was installed within the containment. Sufficient pressure at this time. Manometer reading of 0.04 inches of water The negative air unit has been DOP Tested, and exhausted indoors.
PPE			
	Yes	No	Comments
Disposable Suits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Disposable suits are on-site.
Respirators	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Contractors are equipped with full face respirators with P-100 filters on-site.
Health and Safety Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All necessary documents are posted onsite.
Other Hazards	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No concerns at this time.
Air Monitoring			
	Yes	No	Comments
Air clearance sampling was collected within the containment prior to dismantling.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The analytical Results are presented in the table below.
Other			



	Yes	No	Comments
Waste Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All waste has been removed from work area following proper procedures as per O.Reg 278/05.
Dust Suppression	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The work area has been sufficiently cleaned and no visible ACM debris was observed in the containment.

Air Sample Results

Air Sample Summary Table			
Sample ID	Sample Location	Volume (L)	Results (fibres per cubic centimeter of air, f/cc)
PCM-05	Inside Containment	2400	<0.01
PCM-06	Inside Containment	2400	<0.01
PCM-07	Inside Containment	2400	<0.01

Comments: The clearance criteria for Type 3 Asbestos Abatement (<0.01 f/cc) is outlined in Ontario Regulation 278/05 "Asbestos on Construction Projects and in Buildings and Repair Operations".

All air samples collected and analyzed were confirmed to be within the above noted criteria. Therefore, there are no concerns with regards to airborne fibre concentrations.

All air samples were collected and analyzed following NIOSH procedure 7400, Method A "Asbestos and Other Fibres by PCM", including two field blanks.

General Observations

- 1) Notice of project is posted on site, with H&S documentation.
- 2) Three (3) phase contrast microscopy (PCM) air sample was collected within the containment using high volume air pumps calibrated to 15 litres per minute. The sample was timed for 160 minutes to yield 2400L air sample.
- 3) The results of aggressive air monitoring indicate airborne fibre levels are within acceptable limits inside the work area following abatement and drying of lockdown sealant.
- 4) **Clearance air sampling passed – Permission was given to the contractor to dismantle the containment.**
- 5) Upon teardown of the enclosure, all used polyethylene sheeting is to be disposed of as asbestos waste
- 6) **All required asbestos containing materials (ACM) have been successfully removed from 33-35 Heney.**

Actions

CM3 has completed all necessary inspections and air monitoring during this abatement project.

Approvals



Site inspector: Dave Sawyer