



Post Abatement Air Sampling Report

CM3 Project # RCP-1701

Report # 20

January 13, 2017

Project Name: Asbestos Abatement Project – Type 3 Auditorium
Project Location: Canadian Food Inspection Agency (CFIA)
 Building 201, 3851 Fallowfield Rd., Ottawa, ON
CM3 Project Manager: Richard Pope
CM3 Site Inspector: Richard Pope
Project Owner: CFIA
Client: CFIA
Contractor: By-Spec Construction Services Ltd.

Background			
Type 3 removal of asbestos-containing materials (ACMs) textured finishes, overspray and carpet adhesive from the ceiling, walls and floor of the auditorium.			
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"/>	No concerns identified.
Negative Pressure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HEPA equipped negative air units are running inside of the containment. Negative air pressure is sufficient.
PPE			
	Yes	No	Comments
Disposable Suits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No Concerns.
Respirators	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes. Full-face respirator with P-100 is the minimum requirement.
Health and Safety Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Located on-site.
Other Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ladders and Electrical
Air Monitoring			
	Yes	No	Comments
Air samples were collected in the hallway during abatement.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See table below
Other			
	Yes	No	Comments
Waste Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All waste is to be removed from work area following proper procedures as per O.Reg 278/05 daily. Waste bin is located exterior the Auditorium
Dust Suppression	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lockdown agent has been applied

Air Sample Results

Air Sample Summary Table			
Sample ID	Sample Location	Volume (L)	Results (fibres per cubic centimeter of air, f/cc)
PCM-39	Inside Containment	2400	<0.01
PCM-40	Inside Containment	2400	<0.01
PCM-41	Inside Containment	2400	<0.01
PCM-42	Inside Containment	2400	<0.01
PCM-43	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 at this time.

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

General Observations

- 1) No breeches were observed in the containment.
- 2) Negative air units were operating throughout the duration of post abatement air sampling.
- 3) The work area is generally clean and free of debris.
- 4) Five (5) phase contrast microscopy (PCM) air samples were collected within the containment using high volume air pumps calibrated to 15 litres per minute. Each sample was collected for 160 minutes to yield 2400L air samples.
- 5) Aggressive air sampling techniques were employed as per O.Reg 278/05.
- 6) According to the criteria for post Type 3 abatement air testing outlined in O.Reg. 278/05, all samples collected were confirmed to be acceptable.
- 7) By-Spec was informed of the air sampling results and given permission to remove the containment.

Actions

1. Removal of black tar adhesive on the walls will be completed following Type 1 asbestos abatement measures and procedures. These efforts should be completed in conjunction with the dismantling of the Type 3 equipment and facilities.

Approvals



Site Inspector:

Richard Pope, A.Sc.T.
Project Manager