

Project No.:	OHE: 21680 UofT: P005-16-152-MSB Labs & Support Rooms Renovation Project	Work Area	6 th Floor – Rooms 6331, 6337 7 th Floor – Rooms 7220, 7220A
Client:	University of Toronto (JLL)	Shift Date:	April 2, 2018
Project Location:	Medical Sciences Building, 1 King’s College Circle, Toronto, Ontario	Contractor:	Biggs & Narciso Construction Services Inc.

Sample #	Sampling Date	Sampling Location	Sampling Time (From To)	Total Sampling Time (minutes)	Air Volume Sampled (Liters)	Fibre Concentration (f/cm ³)
21680-1875	Apr 2, 2018	Ambient: 6 th Floor, Room 6327A, adjacent to the Work Area (Rooms 6331, 6337)	7:22 PM – 8:24 PM	62	937.32	<0.05
21680-1876	Apr 2, 2018	Ambient: 6 th Floor, Corridor 6348K, adjacent to Room 6334, adjacent to the Work Area (Rooms 6331, 6337)	7:26 PM – 8:26 PM	60	903.60	<0.05
21680-1877	Apr 2, 2018	Ambient: 7 th Floor, Room 7327, floor above the Work Area (Rooms 6331, 6337)	7:31 PM – 8:31 PM	60	902.04	<0.05
21680-1878	Apr 2, 2018	Ambient: 7 th Floor, Corridor 7324K, adjacent to Room 7323, floor above the Work Area (Rooms 6331, 6337)	7:34 PM – 8:34 PM	60	910.44	<0.05
21680-1879	Apr 2, 2018	Ambient: 5 th Floor, Room 5327, floor below the Work Area (Rooms 6331, 6337)	7:39 PM – 8:39 PM	60	903.30	<0.05
21680-1880	Apr 2, 2018	Ambient: 7 th Floor, Room 7218, adjacent to the Work Area (Rooms 7220, 7220A)	8:45 PM – 9:47 PM	62	937.32	<0.05
21680-1881	Apr 2, 2018	Ambient: 7 th Floor, Room 7222, adjacent to the Work Area (Rooms 7220, 7220A)	8:47 PM – 9:48 PM	60	903.60	<0.05
21680-1882	Apr 2, 2018	Ambient: 6 th Floor, Room 6218, floor below the Work Area (Rooms 7220, 7220A)	8:51 PM – 9:52 PM	61	917.07	<0.05
21680-1883	Apr 2, 2018	Ambient: 6 th Floor, Corridor 6221K, adjacent to Room 6222, floor below the Work Area (Rooms 7220, 7220A)	8:53 PM – 9:54 PM	61	925.61	<0.05

The concentration of airborne fibers should be less than 0.05 f/cm³ for an area to be considered suitable for occupancy.

General Notes:

1. Samples were collected on a cellulose ester membrane filter with 0.8 micrometre pore size and 25 millimetre diameter. The filter was mounted inside a three piece filter cassette with two inch conductive cowl.
2. Collection and analysis of the air samples was performed by Phase Contrast Microscopy (PCM) in accordance with NIOSH method # 7400A.
3. Limit of Detection (LOD) is 7 fibres/mm²; Limit of Quantitation (LOQ) is 100 fibres/mm²; " < " denotes less than
4. Sampling pumps are calibrated before and after the sampling period. The flow rate used to determine the volume presented on this report is the average of the two flow measurements.
5. Samples will be retained for 90 days after receipt and will be disposed of thereafter unless otherwise notified in writing
6. f/cm³ – fibers per cubic centimeter of ambient air.



PHASE CONTRAST MICROSCOPY (PCM) ANALYSIS REPORT – 0.05 LEVEL

Air samples collected by: Shahab Ashkevari, Jr. Project Specialist
Analyst: Salim Sayed, Project Consultant