

Dec 21 01 11:07a

PSC Analytical Services

6109219667

p. 3



INDUSTRIAL HYGIENE

• EPA/NVLAP 101262-0
• AIHA ACCREDITATION NO. 100439
• NC DENR 599

ENVIRONMENTAL TESTING

• NY DOH/NELAC 10903
• PA DEP 06-353
• NJ DEP 77020
• CT DPH PH-0238

Analytical Results
for

ATC Associates

WorkOrder: R01120282

Client Reference: 19125-0246: Metals & Mercury in Air (12/1

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst
	(ug)	(mg/m ³)	(ppm)			

Client ID: ATC-1213-STY-M1, 1st Floor Hallway Lobby Lab ID: -01A Date Sampled: 12/13/01 Matrix: Filter Air Vol.(L): 1030

Aluminum	<1	<0.000971	--	1	NIOSH Metals	12/20/2001	AJB
Cadmium	<0.2	<0.000194	--	0.2	NIOSH Metals	12/20/2001	AJB
Chromium	0.31525	0.000306	--	0.2	NIOSH Metals	12/20/2001	AJB
Cobalt	<0.1	<0.0000971	--	0.1	NIOSH Metals	12/20/2001	AJB
Copper	<0.2	<0.000194	--	0.2	NIOSH Metals	12/20/2001	AJB
Iron	<2	<0.00194	--	2	NIOSH Metals	12/20/2001	AJB
Magnesium	<1.3	<0.00126	--	1.3	NIOSH Metals	12/20/2001	AJB
Manganese	<0.3	<0.000291	--	0.3	NIOSH Metals	12/20/2001	AJB
Molybdenum	<1	<0.000971	--	1	NIOSH Metals	12/20/2001	AJB
Nickel	<0.2	<0.000194	--	0.2	NIOSH Metals	12/20/2001	AJB
Zinc	<0.5	<0.000485	--	0.5	NIOSH Metals	12/20/2001	AJB

Client ID: ATC-1213-STY-M1, 1st Floor Hallway Lobby Lab ID: -01B Date Sampled: 12/13/01 Matrix: Charcoal Air Vol.(L): 103

Mercury	0.029	0.000282	--	0.01	MERCURY IN AIR	12/20/2001	JDC
---------	-------	----------	----	------	----------------	------------	-----

Client ID: ATC-1213-STY-M2, 2nd Fl Hallway Bridge Entrance Lab ID: -02A Date Sampled: 12/13/01 Matrix: Filter Air Vol.(L): 1040

Aluminum	<1	<0.000962	--	1	NIOSH Metals	12/20/2001	AJB
Cadmium	<0.2	<0.000192	--	0.2	NIOSH Metals	12/20/2001	AJB
Chromium	<0.2	<0.000192	--	0.2	NIOSH Metals	12/20/2001	AJB
Cobalt	<0.1	<0.0000962	--	0.1	NIOSH Metals	12/20/2001	AJB
Copper	<0.2	<0.000192	--	0.2	NIOSH Metals	12/20/2001	AJB
Iron	<2	<0.00192	--	2	NIOSH Metals	12/20/2001	AJB
Magnesium	<1.3	<0.00125	--	1.3	NIOSH Metals	12/20/2001	AJB
Manganese	<0.3	<0.000288	--	0.3	NIOSH Metals	12/20/2001	AJB
Molybdenum	<1	<0.000962	--	1	NIOSH Metals	12/20/2001	AJB
Nickel	<0.2	<0.000192	--	0.2	NIOSH Metals	12/20/2001	AJB
Zinc	<0.5	<0.000481	--	0.5	NIOSH Metals	12/20/2001	AJB

Client ID: ATC-1213-STY-M2, 2nd Fl Hallway Bridge Entrance Lab ID: -02B Date Sampled: 12/13/01 Matrix: Charcoal Air Vol.(L): 104

Mercury	0.033	0.000317	--	0.01	MERCURY IN AIR	12/20/2001	JDC
---------	-------	----------	----	------	----------------	------------	-----

Dec 21 01 11:08a

PSC Analytical Services

6109219667

p. 4



INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

• EPA/MLAP 101262-0

• NY DOH/NELAC 10903

• NJ DEP 77020

• AIHA ACCREDITATION NO. 100439

• PA DEP 06-353

• CT DPH PH-0238

• NC DENR 599

Analytical Results
for

ATC Associates

WorkOrder: R01120282

Client Reference: 19125-0246: Metals & Mercury in Air (12/1

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m ³)	(ppm)				

Client ID: ATC-1213-STY-M3, Roof Lab ID: -03A Date Sampled: 12/13/01 Matrix: Filter Air Vol.(L): 1002

Aluminum	<1	<0.000998	--	1	NIOSH Metals	12/20/2001	AJB
Cadmium	<0.2	<0.000200	--	0.2	NIOSH Metals	12/20/2001	AJB
Chromium	<0.2	<0.000200	--	0.2	NIOSH Metals	12/20/2001	AJB
Cobalt	<0.1	<0.000998	--	0.1	NIOSH Metals	12/20/2001	AJB
Copper	<0.2	<0.000200	--	0.2	NIOSH Metals	12/20/2001	AJB
Iron	<2	<0.00200	--	2	NIOSH Metals	12/20/2001	AJB
Magnesium	<1.3	<0.00130	--	1.3	NIOSH Metals	12/20/2001	AJB
Manganese	<0.3	<0.000299	--	0.3	NIOSH Metals	12/20/2001	AJB
Molybdenum	<1	<0.000998	--	1	NIOSH Metals	12/20/2001	AJB
Nickel	<0.2	<0.000200	--	0.2	NIOSH Metals	12/20/2001	AJB
Zinc	<0.5	<0.000499	--	0.5	NIOSH Metals	12/20/2001	AJB

Client ID: ATC-1213-STY-M3, Roof Lab ID: -03B Date Sampled: 12/13/01 Matrix: Charcoal Air Vol.(L): 100

Mercury	0.03	0.000300	--	0.01	MERCURY IN AIR	12/20/2001	JDC
---------	------	----------	----	------	----------------	------------	-----

Client ID: ATC-1213-STY-M4, Blank Lab ID: -04A Date Sampled: 12/13/01 Matrix: Filter Air Vol.(L): NA

Aluminum	<1	--	--	1	NIOSH Metals	12/20/2001	AJB
Cadmium	<0.2	--	--	0.2	NIOSH Metals	12/20/2001	AJB
Chromium	<0.2	--	--	0.2	NIOSH Metals	12/20/2001	AJB
Cobalt	<0.1	--	--	0.1	NIOSH Metals	12/20/2001	AJB
Copper	<0.2	--	--	0.2	NIOSH Metals	12/20/2001	AJB
Iron	<2	--	--	2	NIOSH Metals	12/20/2001	AJB
Magnesium	<1.3	--	--	1.3	NIOSH Metals	12/20/2001	AJB
Manganese	<0.3	--	--	0.3	NIOSH Metals	12/20/2001	AJB
Molybdenum	<1	--	--	1	NIOSH Metals	12/20/2001	AJB
Nickel	<0.2	--	--	0.2	NIOSH Metals	12/20/2001	AJB
Zinc	<0.5	--	--	0.5	NIOSH Metals	12/20/2001	AJB

Client ID: ATC-1213-STY-M4, Blank Lab ID: -04B Date Sampled: 12/13/01 Matrix: Charcoal Air Vol.(L): NA

Mercury	0.026	--	--	0.01	MERCURY IN AIR	12/20/2001	JDC
---------	-------	----	----	------	----------------	------------	-----

(a) Analysis indicates possible breakthrough; back section result is greater than % of the front section result.

General Notes:

<: Less than the indicated limit of detection (LOD).

--: Information not available or not applicable.

Back sections were checked and showed no significant breakthrough.