



INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

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

• NY DOH/NELAC 10903
• PA DEP 06-353

• NJ DEP PA020
• CT DPH PH-0238

**Analytical Results
for**

ATC Associates

WorkOrder: R02030044

Client Reference: 19125-0297

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

Client ID: M1 ATC-0228-89M *1st floor railway* Lab ID: -01A Date Sampled: 2/28/02 Matrix: Filter Air Vol.(L): 1200

Aluminum	1.14	0.000953	--	1	N7300 MCE	03/08/2002 TH
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	03/08/2002 TH
Chromium	0.359	0.000299	--	0.2	N7300 MCE	03/08/2002 TH
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	03/08/2002 TH
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	03/08/2002 TH
Iron	<2.00	<0.00167	--	2	N7300 MCE	03/08/2002 TH
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	03/08/2002 TH
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	03/08/2002 TH
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	03/08/2002 TH
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	03/08/2002 TH
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	03/08/2002 TH
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	03/08/2002 TH

Client ID: M2 ATC-0228-89M *Playground North* Lab ID: -02A Date Sampled: 2/28/02 Matrix: Filter Air Vol.(L): 1200

Aluminum	1.62	0.00135	--	1	N7300 MCE	03/08/2002 TH
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	03/08/2002 TH
Chromium	0.288	0.000240	--	0.2	N7300 MCE	03/08/2002 TH
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	03/08/2002 TH
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	03/08/2002 TH
Iron	2.16	0.00180	--	2	N7300 MCE	03/08/2002 TH
Lead	0.323	0.000269	--	0.3	N7300 MCE	03/08/2002 TH
Magnesium	1.42	0.00119	--	1.3	N7300 MCE	03/08/2002 TH
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	03/08/2002 TH
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	03/08/2002 TH
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	03/08/2002 TH
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	03/08/2002 TH



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• NC DENR 599

• NY DOH/NELAC 10803
• PA DEP 06-353

• NJ DEP PA020
• CT DEP PH-0239

Analytical Results
for

ATC Associates

WorkOrder: R02030044

Client Reference: 19125-0297

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

Client ID: M3 ATC-0228-89M *Playground South* Lab ID: -03A Date Sampled: 2/28/02 Matrix: Filter Air Vol.(L): 1200

Aluminum	2.01	0.00168	--	1	N7300 MCE	03/08/2002 TH
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	03/08/2002 TH
Chromium	0.487	0.000406	--	0.2	N7300 MCE	03/08/2002 TH
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	03/08/2002 TH
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	03/08/2002 TH
Iron	<2.00	<0.00167	--	2	N7300 MCE	03/08/2002 TH
Lead	<0.300	<0.000250	--	0.3	N7300 MCE	03/08/2002 TH
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	03/08/2002 TH
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	03/08/2002 TH
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	03/08/2002 TH
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	03/08/2002 TH
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	03/08/2002 TH

Client ID: M4 ATC-0228-89M *Roof* Lab ID: -04A Date Sampled: 2/28/02 Matrix: Filter Air Vol.(L): 1200

Aluminum	<1.00	<0.000833	--	1	N7300 MCE	03/05/2002 AJB
Cadmium	<0.200	<0.000167	--	0.2	N7300 MCE	03/05/2002 AJB
Chromium	0.530	0.000442	--	0.2	N7300 MCE	03/05/2002 AJB
Cobalt	<0.100	<0.0000833	--	0.1	N7300 MCE	03/05/2002 AJB
Copper	<0.200	<0.000167	--	0.2	N7300 MCE	03/05/2002 AJB
Iron	<2.00	<0.00167	--	2	N7300 MCE	03/05/2002 AJB
Lead	0.372	0.000310	--	0.3	N7300 MCE	03/05/2002 AJB
Magnesium	<1.30	<0.00108	--	1.3	N7300 MCE	03/05/2002 AJB
Manganese	<0.300	<0.000250	--	0.3	N7300 MCE	03/05/2002 AJB
Molybdenum	<1.00	<0.000833	--	1	N7300 MCE	03/05/2002 AJB
Nickel	<0.200	<0.000167	--	0.2	N7300 MCE	03/05/2002 AJB
Zinc	<0.500	<0.000417	--	0.5	N7300 MCE	03/05/2002 AJB

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PSC Analytical Services

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ANALYTICAL SERVICES

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• NY DOHMH LAC 10903
• PA DEP 06-353

• NJ DEP PA020
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Analytical Results
for

ATC Associates

WorkOrder: R02030044

Client Reference: 19125-0297

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)				
Client ID: M5 ATC-0228-89M <i>Blank</i> Lab ID: -05A Date Sampled: 2/28/02 Matrix: Filter Air Vol.(L): NA							
Aluminum	<1.00	--	--	1	N7300 MCE	03/05/2002	AJB
Cadmium	<0.200	--	--	0.2	N7300 MCE	03/05/2002	AJB
Chromium	0.459	--	--	0.2	N7300 MCE	03/05/2002	AJB
Cobalt	<0.100	--	--	0.1	N7300 MCE	03/05/2002	AJB
Copper	<0.200	--	--	0.2	N7300 MCE	03/05/2002	AJB
Iron	<2.00	--	--	2	N7300 MCE	03/05/2002	AJB
Lead	0.335	--	--	0.3	N7300 MCE	03/05/2002	AJB
Magnesium	<1.30	--	--	1.3	N7300 MCE	03/05/2002	AJB
Manganese	<0.300	--	--	0.3	N7300 MCE	03/05/2002	AJB
Molybdenum	<1.00	--	--	1	N7300 MCE	03/05/2002	AJB
Nickel	<0.200	--	--	0.2	N7300 MCE	03/05/2002	AJB
Zinc	<0.500	--	--	0.5	N7300 MCE	03/05/2002	AJB

(a) Analysis indicates possible breakthrough; back section result is greater than 0% 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.