



## INDUSTRIAL HYGIENE

## ENVIRONMENTAL TESTING

• EPA MVLAP 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: R02040004

Client Reference: 19125-0246

| Analyte | Concentration |                      |       | Limit of Detection<br>(ug) | Test Method | Date Analyzed /Analyst |
|---------|---------------|----------------------|-------|----------------------------|-------------|------------------------|
|         | (ug)          | (mg/m <sup>3</sup> ) | (ppm) |                            |             |                        |

| Client ID: M1 ATC-0327-STY | Lab ID: -01A | Date Sampled: 3/27/02 | Matrix: Filter | Air Vol.(L): 960 |            |     |
|----------------------------|--------------|-----------------------|----------------|------------------|------------|-----|
| Aluminum                   | 2.94         | 0.00306               | 1              | N7300 MCE        | 04/07/2002 | AJB |
| Cadmium                    | <0.200       | <0.000208             | 0.2            | N7300 MCE        | 04/07/2002 | AJB |
| Chromium                   | 0.679        | 0.000707              | 0.2            | N7300 MCE        | 04/07/2002 | AJB |
| Cobalt                     | <0.100       | <0.000104             | 0.1            | N7300 MCE        | 04/07/2002 | AJB |
| Copper                     | <0.200       | <0.000208             | 0.2            | N7300 MCE        | 04/07/2002 | AJB |
| Iron                       | <2.00        | <0.00208              | 2              | N7300 MCE        | 04/07/2002 | AJB |
| Lead                       | <0.300       | <0.000312             | 0.3            | N7300 MCE        | 04/07/2002 | AJB |
| Magnesium                  | <1.30        | <0.00135              | 1.3            | N7300 MCE        | 04/07/2002 | AJB |
| Manganese                  | <0.300       | <0.000312             | 0.3            | N7300 MCE        | 04/07/2002 | AJB |
| Molybdenum                 | <1.00        | <0.00104              | 1              | N7300 MCE        | 04/07/2002 | AJB |
| Nickel                     | <0.200       | <0.000208             | 0.2            | N7300 MCE        | 04/07/2002 | AJB |
| Zinc                       | <0.500       | <0.000521             | 0.5            | N7300 MCE        | 04/07/2002 | AJB |

|                            |              |                       |                |                  |            |     |
|----------------------------|--------------|-----------------------|----------------|------------------|------------|-----|
| Client ID: M2 ATC-0327-STY | Lab ID: -02A | Date Sampled: 3/27/02 | Matrix: Filter | Air Vol.(L): 960 |            |     |
| Aluminum                   | 2.93         | 0.00305               | 1              | N7300 MCE        | 04/07/2002 | AJB |
| Cadmium                    | <0.200       | <0.000208             | 0.2            | N7300 MCE        | 04/07/2002 | AJB |
| Chromium                   | 0.524        | 0.000546              | 0.2            | N7300 MCE        | 04/07/2002 | AJB |
| Cobalt                     | <0.100       | <0.000104             | 0.1            | N7300 MCE        | 04/07/2002 | AJB |
| Copper                     | <0.200       | <0.000208             | 0.2            | N7300 MCE        | 04/07/2002 | AJB |
| Iron                       | <2.00        | <0.00208              | 2              | N7300 MCE        | 04/07/2002 | AJB |
| Lead                       | <0.300       | <0.000312             | 0.3            | N7300 MCE        | 04/07/2002 | AJB |
| Magnesium                  | <1.30        | <0.00135              | 1.3            | N7300 MCE        | 04/07/2002 | AJB |
| Manganese                  | <0.300       | <0.000312             | 0.3            | N7300 MCE        | 04/07/2002 | AJB |
| Molybdenum                 | <1.00        | <0.00104              | 1              | N7300 MCE        | 04/07/2002 | AJB |
| Nickel                     | <0.200       | <0.000208             | 0.2            | N7300 MCE        | 04/07/2002 | AJB |
| Zinc                       | <0.500       | <0.000521             | 0.5            | N7300 MCE        | 04/07/2002 | AJB |



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for

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WorkOrder: R02040004

Client Reference: 19125-0246

| Analyte | Concentration |                      |       | Limit of Detection<br>(ug) | Test Method | Date Analyzed<br>/Analyst |
|---------|---------------|----------------------|-------|----------------------------|-------------|---------------------------|
|         | (ug)          | (mg/m <sup>3</sup> ) | (ppm) |                            |             |                           |

Client ID: M3 ATC-0327-STY *Roof* Lab ID: -03A Date Sampled: 3/27/02 Matrix: Filter Air Vol.(L): 960

|            |        |           |    |     |           |            |     |
|------------|--------|-----------|----|-----|-----------|------------|-----|
| Aluminum   | 2.87   | 0.00299   | -- | 1   | N7300 MCE | 04/07/2002 | AJB |
| Cadmium    | <0.200 | <0.000208 | -- | 0.2 | N7300 MCE | 04/07/2002 | AJB |
| Chromium   | 0.767  | 0.000799  | -- | 0.2 | N7300 MCE | 04/07/2002 | AJB |
| Cobalt     | <0.100 | <0.000104 | -- | 0.1 | N7300 MCE | 04/07/2002 | AJB |
| Copper     | <0.200 | <0.000208 | -- | 0.2 | N7300 MCE | 04/07/2002 | AJB |
| Iron       | <2.00  | <0.00208  | -- | 2   | N7300 MCE | 04/07/2002 | AJB |
| Lead       | <0.300 | <0.000312 | -- | 0.3 | N7300 MCE | 04/07/2002 | AJB |
| Magnesium  | <1.30  | <0.00135  | -- | 1.3 | N7300 MCE | 04/07/2002 | AJB |
| Manganese  | <0.300 | <0.000312 | -- | 0.3 | N7300 MCE | 04/07/2002 | AJB |
| Molybdenum | <1.00  | <0.00104  | -- | 1   | N7300 MCE | 04/07/2002 | AJB |
| Nickel     | <0.200 | <0.000208 | -- | 0.2 | N7300 MCE | 04/07/2002 | AJB |
| Zinc       | <0.500 | <0.000521 | -- | 0.5 | N7300 MCE | 04/07/2002 | AJB |

Client ID: M4 ATC-0327-STY *Blank* Lab ID: -04A Date Sampled: 3/27/02 Matrix: Filter Air Vol.(L): NA

|            |        |    |    |     |           |            |     |
|------------|--------|----|----|-----|-----------|------------|-----|
| Aluminum   | 2.43   | -- | -- | 1   | N7300 MCE | 04/07/2002 | AJB |
| Cadmium    | <0.200 | -- | -- | 0.2 | N7300 MCE | 04/07/2002 | AJB |
| Chromium   | 0.387  | -- | -- | 0.2 | N7300 MCE | 04/07/2002 | AJB |
| Cobalt     | <0.100 | -- | -- | 0.1 | N7300 MCE | 04/07/2002 | AJB |
| Copper     | <0.200 | -- | -- | 0.2 | N7300 MCE | 04/07/2002 | AJB |
| Iron       | <2.00  | -- | -- | 2   | N7300 MCE | 04/07/2002 | AJB |
| Lead       | <0.300 | -- | -- | 0.3 | N7300 MCE | 04/07/2002 | AJB |
| Magnesium  | <1.30  | -- | -- | 1.3 | N7300 MCE | 04/07/2002 | AJB |
| Manganese  | <0.300 | -- | -- | 0.3 | N7300 MCE | 04/07/2002 | AJB |
| Molybdenum | <1.00  | -- | -- | 1   | N7300 MCE | 04/07/2002 | AJB |
| Nickel     | <0.200 | -- | -- | 0.2 | N7300 MCE | 04/07/2002 | AJB |
| Zinc       | <0.500 | -- | -- | 0.5 | N7300 MCE | 04/07/2002 | 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.