



## INDUSTRIAL HYGIENE

## ENVIRONMENTAL TESTING

• EPANVLAP 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: R02020843

Client Reference: 19125-0297

| Analyte                    | Concentration         |            |       | Limit of Detection<br>(ug) | Test Method | Date Analyzed /Analyst |     |
|----------------------------|-----------------------|------------|-------|----------------------------|-------------|------------------------|-----|
|                            | (ug)                  | (mg/m³)    | (ppm) |                            |             |                        |     |
| Client ID: M1 ATC-0221-M89 |                       |            |       |                            |             |                        |     |
| Lab ID: -01A               | Date Sampled: 2/21/02 |            |       | Matrix: Filter             |             | Air Vol.(L): 1200      |     |
| Aluminum                   | <1.00                 | <0.000833  | --    | 1                          | N7300 MCE   | 03/03/2002             | AJB |
| Cadmium                    | <0.200                | <0.000167  | --    | 0.2                        | N7300 MCE   | 03/03/2002             | AJB |
| Chromium                   | 0.512                 | 0.000427   | --    | 0.2                        | N7300 MCE   | 03/03/2002             | AJB |
| Cobalt                     | <0.100                | <0.0000833 | --    | 0.1                        | N7300 MCE   | 03/03/2002             | AJB |
| Copper                     | <0.200                | <0.000167  | --    | 0.2                        | N7300 MCE   | 03/03/2002             | AJB |
| Iron                       | <2.00                 | <0.00167   | --    | 2                          | N7300 MCE   | 03/03/2002             | AJB |
| Lead                       | 0.311                 | 0.000259   | --    | 0.3                        | N7300 MCE   | 03/03/2002             | AJB |
| Magnesium                  | <1.30                 | <0.00108   | --    | 1.3                        | N7300 MCE   | 03/03/2002             | AJB |
| Manganese                  | <0.300                | <0.000250  | --    | 0.3                        | N7300 MCE   | 03/03/2002             | AJB |
| Molybdenum                 | <1.00                 | <0.000833  | --    | 1                          | N7300 MCE   | 03/03/2002             | AJB |
| Nickel                     | <0.200                | <0.000167  | --    | 0.2                        | N7300 MCE   | 03/03/2002             | AJB |
| Zinc                       | <0.500                | <0.000417  | --    | 0.5                        | N7300 MCE   | 03/03/2002             | AJB |
| Client ID: M2 ATC-0221-M89 |                       |            |       |                            |             |                        |     |
| Lab ID: -02A               | Date Sampled: 2/21/02 |            |       | Matrix: Filter             |             | Air Vol.(L): 1200      |     |
| Aluminum                   | <1.00                 | <0.000833  | --    | 1                          | N7300 MCE   | 03/03/2002             | AJB |
| Cadmium                    | <0.200                | <0.000167  | --    | 0.2                        | N7300 MCE   | 03/03/2002             | AJB |
| Chromium                   | 0.500                 | 0.000417   | --    | 0.2                        | N7300 MCE   | 03/03/2002             | AJB |
| Cobalt                     | <0.100                | <0.0000833 | --    | 0.1                        | N7300 MCE   | 03/03/2002             | AJB |
| Copper                     | <0.200                | <0.000167  | --    | 0.2                        | N7300 MCE   | 03/03/2002             | AJB |
| Iron                       | <2.00                 | <0.00167   | --    | 2                          | N7300 MCE   | 03/03/2002             | AJB |
| Lead                       | 0.344                 | 0.000287   | --    | 0.3                        | N7300 MCE   | 03/03/2002             | AJB |
| Magnesium                  | <1.30                 | <0.00108   | --    | 1.3                        | N7300 MCE   | 03/03/2002             | AJB |
| Manganese                  | <0.300                | <0.000250  | --    | 0.3                        | N7300 MCE   | 03/03/2002             | AJB |
| Molybdenum                 | <1.00                 | <0.000833  | --    | 1                          | N7300 MCE   | 03/03/2002             | AJB |
| Nickel                     | <0.200                | <0.000167  | --    | 0.2                        | N7300 MCE   | 03/03/2002             | AJB |
| Zinc                       | <0.500                | <0.000417  | --    | 0.5                        | N7300 MCE   | 03/03/2002             | AJB |

Mar 04 02 03:26p

PSC Analytical Services

6109219667

p.15



## INDUSTRIAL HYGIENE

## ENVIRONMENTAL TESTING

• EPA NVLAP 101262-0

• NY DOH/NELAC 10903

• NJ DEP PA020

• AIHA ACCREDITATION NO. 100439

• PA DEP 06-353

• CT DPH PH-0238

• NC DENR 598

Analytical Results  
for

ATC Associates

WorkOrder: R02020843

Client Reference: 19125-0297

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

Client ID: M3 ATC-0221-M89      Lab ID: -03A      Date Sampled: 2/21/02      Matrix: Filter      Air Vol.(L): 1200

|            |        |            |    |     |           |            |     |
|------------|--------|------------|----|-----|-----------|------------|-----|
| Aluminum   | <1.00  | <0.000833  | -- | 1   | N7300 MCE | 03/03/2002 | AJB |
| Cadmium    | <0.200 | <0.000167  | -- | 0.2 | N7300 MCE | 03/03/2002 | AJB |
| Chromium   | 0.495  | 0.000413   | -- | 0.2 | N7300 MCE | 03/03/2002 | AJB |
| Cobalt     | <0.100 | <0.0000833 | -- | 0.1 | N7300 MCE | 03/03/2002 | AJB |
| Copper     | <0.200 | <0.000167  | -- | 0.2 | N7300 MCE | 03/03/2002 | AJB |
| Iron       | <2.00  | <0.00167   | -- | 2   | N7300 MCE | 03/03/2002 | AJB |
| Lead       | 0.329  | 0.000274   | -- | 0.3 | N7300 MCE | 03/03/2002 | AJB |
| Magnesium  | <1.30  | <0.00108   | -- | 1.3 | N7300 MCE | 03/03/2002 | AJB |
| Manganese  | <0.300 | <0.000250  | -- | 0.3 | N7300 MCE | 03/03/2002 | AJB |
| Molybdenum | <1.00  | <0.000833  | -- | 1   | N7300 MCE | 03/03/2002 | AJB |
| Nickel     | <0.200 | <0.000167  | -- | 0.2 | N7300 MCE | 03/03/2002 | AJB |
| Zinc       | <0.500 | <0.000417  | -- | 0.5 | N7300 MCE | 03/03/2002 | AJB |

Client ID: M4 ATC-0221-M89      Lab ID: -04A      Date Sampled: 2/21/02      Matrix: Filter      Air Vol.(L): 1200

|            |        |            |    |     |           |            |     |
|------------|--------|------------|----|-----|-----------|------------|-----|
| Aluminum   | <1.00  | <0.000833  | -- | 1   | N7300 MCE | 03/03/2002 | AJB |
| Cadmium    | <0.200 | <0.000167  | -- | 0.2 | N7300 MCE | 03/03/2002 | AJB |
| Chromium   | 0.503  | 0.000419   | -- | 0.2 | N7300 MCE | 03/03/2002 | AJB |
| Cobalt     | <0.100 | <0.0000833 | -- | 0.1 | N7300 MCE | 03/03/2002 | AJB |
| Copper     | <0.200 | <0.000167  | -- | 0.2 | N7300 MCE | 03/03/2002 | AJB |
| Iron       | <2.00  | <0.00167   | -- | 2   | N7300 MCE | 03/03/2002 | AJB |
| Lead       | 0.302  | 0.000251   | -- | 0.3 | N7300 MCE | 03/03/2002 | AJB |
| Magnesium  | <1.30  | <0.00108   | -- | 1.3 | N7300 MCE | 03/03/2002 | AJB |
| Manganese  | <0.300 | <0.000250  | -- | 0.3 | N7300 MCE | 03/03/2002 | AJB |
| Molybdenum | <1.00  | <0.000833  | -- | 1   | N7300 MCE | 03/03/2002 | AJB |
| Nickel     | <0.200 | <0.000167  | -- | 0.2 | N7300 MCE | 03/03/2002 | AJB |
| Zinc       | <0.500 | <0.000417  | -- | 0.5 | N7300 MCE | 03/03/2002 | AJB |

Mar 04 02 03:26p

PSC Analytical Services

6109219667

p.16



ANALYTICAL SERVICES

## INDUSTRIAL HYGIENE

## ENVIRONMENTAL TESTING

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

• NY DOH/ELAC 10903  
 • PA DEP 06-353

• NJ DEP PA020  
 • CT DPH PH-0238

Analytical Results  
 for

ATC Associates

WorkOrder: R02020843

Client Reference: 19125-0297

| Analyte                    | Concentration |              |                       | Limit of Detection<br>(ug) | Test Method    | Date Analyzed<br>/Analyst |                 |  |
|----------------------------|---------------|--------------|-----------------------|----------------------------|----------------|---------------------------|-----------------|--|
|                            | (ug)          | (mg/m³)      | (ppm)                 |                            |                |                           |                 |  |
| Client ID: M5 ATC-0221-M89 |               | Lab ID: -05A | Date Sampled: 2/21/02 |                            | Matrix: Filter |                           | Air Vol.(L): NA |  |
| Aluminum                   | <1.00         | --           | --                    | 1                          | N7300 MCE      | 03/03/2002                | AJB             |  |
| Cadmium                    | <0.200        | --           | --                    | 0.2                        | N7300 MCE      | 03/03/2002                | AJB             |  |
| Chromium                   | 0.519         | --           | --                    | 0.2                        | N7300 MCE      | 03/03/2002                | AJB             |  |
| Cobalt                     | <0.100        | --           | --                    | 0.1                        | N7300 MCE      | 03/03/2002                | AJB             |  |
| Copper                     | <0.200        | --           | --                    | 0.2                        | N7300 MCE      | 03/03/2002                | AJB             |  |
| Iron                       | <2.00         | --           | --                    | 2                          | N7300 MCE      | 03/03/2002                | AJB             |  |
| Lead                       | 0.300         | --           | --                    | 0.3                        | N7300 MCE      | 03/03/2002                | AJB             |  |
| Magnesium                  | <1.30         | --           | --                    | 1.3                        | N7300 MCE      | 03/03/2002                | AJB             |  |
| Manganese                  | <0.300        | --           | --                    | 0.3                        | N7300 MCE      | 03/03/2002                | AJB             |  |
| Molybdenum                 | <1.00         | --           | --                    | 1                          | N7300 MCE      | 03/03/2002                | AJB             |  |
| Nickel                     | <0.200        | --           | --                    | 0.2                        | N7300 MCE      | 03/03/2002                | AJB             |  |
| Zinc                       | <0.500        | --           | --                    | 0.5                        | N7300 MCE      | 03/03/2002                | 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.