Compliance Assistance Tools

**Evan Shaw** - Air Quality Division
Mecklenburg County Land Use and Environmental Services Agency
Monitoring Log Templates

• Baghouse Logs for pressure drop, temperature

• Scrubber Logs for pressure drop, liquid flow rate, pH

• Daily, Weekly, Monthly versions based on what is required/preferred at your facility
# Baghouse/Filter Pressure Drop Monitoring Log (Monthly)

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>ΔP (inches of water)</th>
<th>Baghouse/Filter Inlet Temperature (°F)</th>
<th>Maintenance Required? (If so, specify changes made)</th>
<th>Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan.</td>
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<tr>
<td>Feb.</td>
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<td>Mar.</td>
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<tr>
<td>Apr.</td>
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<tr>
<td>May</td>
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<tr>
<td>Jun.</td>
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</tbody>
</table>
## Monitoring Log Templates

### Scrubber Monitoring Log (Monthly)

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>ΔP (inches of water)</th>
<th>Liquid Flow (gpm)</th>
<th>pH</th>
<th>Maintenance Required? (If so, specify changes made)</th>
<th>Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan.</td>
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<td>Feb.</td>
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</tbody>
</table>
Monitoring Log Templates

• [http://airquality.charmeck.org](http://airquality.charmeck.org)

• Regulated Industry ➔ Monitoring Forms
Reporting Calendars

- Sites that have multiple reports due throughout the year receive an Annual Reporting Calendar from MCAQ each year.

- Reporting Calendar will be emailed from your AQ specialist by January 30th of each year.

- Calendar is set up chronologically by report due date.

- Use as a tool to make sure you know what dates your reports are due.
# Reporting Calendars

## Chronological Facility Reporting Calendar for Calendar Year 2015

<table>
<thead>
<tr>
<th>Rule</th>
<th>Reporting Requirement</th>
<th>Report Due Date</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSPS Subpart Dc</td>
<td>Semianual Compliance Report – should include fuel oil supplier certification(s) and a statement indicating that fuel oil supplier certification(s) submitted represent all of the fuel combusted during the six-month reporting period</td>
<td>January 30</td>
<td>40 CFR 60.48c</td>
</tr>
<tr>
<td>Quarterly Report</td>
<td>Maximum expected hourly and daily emission rates of acrylonitrile from ES-5 for the reporting period</td>
<td>January 30</td>
<td>S-14 in permit</td>
</tr>
<tr>
<td>GACT Subpart 7C</td>
<td>Annual compliance certification report if any deviations</td>
<td>February 15</td>
<td>40 CFR 63.11603</td>
</tr>
<tr>
<td>MACT/GACT Subpart 6l</td>
<td>Biennial Compliance Certification Report (showing completion of tune-up)</td>
<td>Prepare by March 1st (keep onsite - submit by March 15th if there is a deviation)</td>
<td>40 CFR 63.11225</td>
</tr>
<tr>
<td>Annual Report</td>
<td>A report of facility-wide emissions (in tons) for the previous calendar year. See last condition in your permit for specific details.</td>
<td>April 30</td>
<td>S-14 in permit</td>
</tr>
<tr>
<td>Quarterly Report</td>
<td>Maximum expected hourly and daily emission rates of acrylonitrile from ES-5 for the reporting period</td>
<td>April 30</td>
<td>S-14 in permit</td>
</tr>
<tr>
<td>NSPS Subpart Dc</td>
<td>Semianual Compliance Report – should include fuel oil supplier certification(s) and a statement indicating that fuel oil supplier certification(s) submitted represent all of the fuel combusted during the six-month reporting period</td>
<td>July 30</td>
<td>40 CFR 60.48c</td>
</tr>
<tr>
<td>Quarterly Report</td>
<td>Maximum expected hourly and daily emission rates of acrylonitrile from ES-5 for the reporting period</td>
<td>July 30</td>
<td>S-14 in permit</td>
</tr>
<tr>
<td>Quarterly Report</td>
<td>Maximum expected hourly and daily emission rates of acrylonitrile from ES-5 for the reporting period</td>
<td>October 30</td>
<td>S-14 in permit</td>
</tr>
</tbody>
</table>
Emission Calculations

Our website compiles many resources for you, including:

• MCAQ Emissions Workbook

• Emission Calculation Spreadsheets

• Informational Video on submitting Annual Emissions Report
Emission Calculations

• [http://airquality.charmeck.org](http://airquality.charmeck.org)

• Regulated Industry → Annual Emissions Inventory
### Gasoline Vapor Recovery System 1-2-3 Inspection Checklist

**Stage I Recordkeeping**

<table>
<thead>
<tr>
<th>For Calendar Year = 20__</th>
<th>JAN</th>
<th>FEB</th>
<th>MAR</th>
<th>APR</th>
<th>MAY</th>
<th>JUN</th>
<th>JUL</th>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>NOV</th>
<th>DEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspection Date -&gt;</td>
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</tbody>
</table>

1. Is each fill pipe cap and gasket present and functioning properly?
   a. Each fill pipe cap should be in place, and not misaligned, or spinning excessively.
   b. Each fill pipe cap should be functioning and not cracked or broken.
   c. Each gasket should be in place without gaps, gouges, or excessive cracking.

2. Is each poppetted vapor recovery adapter valve and gasket in good condition and functioning properly?
   a. Each gasket should be in place without gaps, gouges, or excessive cracking.
   b. Each spring-loaded valve should "pop" back upward after pressing downward.

3. Is each Pressure/Vacuum vent valve in good condition and in place on top of vent riser pipe?
   a. Each vent riser pipe should have a pressure/vacuum vent valve on top.

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**Notes and Dates of Repairs**

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Questions? Contact...

Mecklenburg County Air Quality  
2145 Suttle Avenue, Charlotte, NC 28208-5237  
704-336-5430  
http://airquality.charmeck.org
Stage I Recordkeeping

• [http://airquality.charmeck.org/stage1](http://airquality.charmeck.org/stage1)
Questions?

Evan.Shaw@MecklenburgCountyNC.gov
980-314-3358
Compliance Assistance Tools

Ivonne E. Hernandez - Air Quality Division
Mecklenburg County Land Use and Environmental Services Agency
Air Pollution Facility Database Online

- This is our online database system.
- What can you find there?  
  - Permit
  - Public Information
  - Review and ensure we have your current information

http://airquality.charmeck.org/
GovOnline

- As an industry you are subject to the NESHAP regulation and it is written into your permit.
  - GovOnline: Online resource to submit your notification.
  - If you are unsure about what the Asbestos NESHAP regulation speaks to you can visit our website for more information.

http://airquality.charmeck.org/asbestos
Applicability Determination

• Let us know anytime you add equipment:
  • Submit to your AQ specialist.
  • Go online to submit -> http://airquality.charmeck.org/
Subscribe

- Get the latest alerts & bulletins from Air Quality.
  - Air Permitting Forms and Spreadsheet Revisions
  - Gasoline Dispensing Station Updates
  - GRADE Grant Offerings
  - Hot Topics Update
  - MCAPCO Revisions
  - Public Hearing Announcements
http://airquality.charmemeck.org
Your AQ Specialist!

• We are here to help you be compliant. 😊
  • Phone or Email
  • Business Cards
Questions?

Ivonne.Hernandez@MecklenburgCountyNC.gov
980-314-3369