Permit to Install Applications

Air Quality Division
Permit Section
Who are we?
## COMPLETE APPLICATION CHECKLIST

**Modification Number** __________  **Company** ____________________________________________

**Process Description** ________________________________________________________________

___ Confidential Information included  ___ Is the application administratively complete?

### PT

**Engineer:** __________  **Peer Reviewer:** __________  **Resource:** __________

**Level:** 1  2  3  **Mentor**  [See the Peer Reviewer memo for details.]

**Supervisor Initials:** __________  **Date to Engineer:** __________

### OLT INFORMATION

*Fill out this portion of the form if the application went Off-Line. Please describe in the notes section the reason(s) for going Off-Line.*

**OLT Number** __________

**OLT application clears Part A:**  **Initials:** __________  **Date:** __________

**OLT application clears Part B:**  **Initials:** __________  **Date:** __________

### Facilities

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Facility Address</th>
</tr>
</thead>
</table>

### Chemicals

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>1st ITSL µg/m³</th>
<th>2nd ITSL µg/m³</th>
<th>Allowable Emission Rate (AFR)</th>
<th>Proposed Emission Rate (ER)</th>
<th>Is Proposed Em</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1st ITSL Avg Time</td>
<td>2nd ITSL Avg Time</td>
<td>Max lbs per month, 1 hr</td>
<td>Max lbs per month, 24 hr</td>
<td>Max lbs per month, 8-hr or 1-hr</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>50000</td>
<td>30</td>
<td>24 hr</td>
<td>0.08</td>
<td>1.5</td>
<td>3.6</td>
</tr>
</tbody>
</table>
Application Example

• Application Purpose
• Source Background
  – Major/Minor, Violations
• Project
  – Emissions, Restrictions, Rules/Regulations
• Sticking Points
  – VOCs, SO$_2$, Testing, Applicability Analyses, Exempt equipment
Application Example

• New Coating Booth
• Requesting 99 tpy VOC opt-out
  – Production records from 2018 show 6.7 tpy of VOC emissions
• Other information
  – Safety Data Sheets
  – Toxic Air Contaminant Evaluation
Additional Information

• Equipment and Process Description
• Emission Limits and Federally Enforceable Restrictions
• Complete information on emitted Toxic Air Contaminants
• Applicable Rules and Restrictions
A Complete PTI Application

• What helped with minimal delays?
  – Clear descriptions of equipment and processes
  – Proposed limits and enforceable restrictions
  – Full disclosure on Safety Data Sheets
    • No use of terms “proprietary” or “confidential”
  – Emission calculations
  – Demonstrating all rules were met
Looking Forward

Clear Communication and a Complete Application:

- Pre-application meeting
- Notification
- Reaching out
How can we help?

- Correspondence and technical sheets
- Online resources
- PTI Workshops
- ROP Webinar Series
- PTI Webinar Series

This Photo by Unknown Author is licensed under CC BY-SA
Questions?

• Contact Us:
  – Annette Switzer - Manager
    517-284-6803 | switzera2@Michigan.gov
  – Jeff Khaled, Engineer
    517-284-6734 | khaledj@Michigan.gov
  – Nick Carlson, Engineer
    517-284-6738 | carlsonn1@Michigan.gov
  – Melissa Byrnes, Engineer
    517-284-6790 | byrnesm@Michigan.gov