

## APPLICATION DATA COLLECTION WORKSHEET: AQ01 LPA Fuel and Process

This form has been prepared to assist applicants to collect the information needed to complete an online air plan approval application for the AQ01 Limited Plan Approval (both Fuel and Process). Use of this form is OPTIONAL.

### **Facility Information (Facility Location)**

Data Field in Table	
Facility Name	
Street #	
Street Name	
Street Name 2	
City	
Zip code	

### **Facility Owner Information**

Data Field in Table	
Organization Name	
Contact Person	
Telephone Number	
Email	
PO Box/ Address	
Country	
City	
State	
Zip Code	

## Step 2. Facility Information

### **General**

SIC \_\_\_\_\_

NAICS \_\_\_\_\_

### **List of Existing Approvals**

Data Field in Application Table				
Approval Type				
If "Other", Specify				
Is this proposed project modifying or replacing previously approved equipment?				
Approval number				
Transmittal Number				
Air Contaminant				
If "Other", Specify				
Approved emission limit in tons per 12 month period				

**Description of Project**

Project Description

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*(The following Info is entered into the form after the technical information has been completed)*

**Regulatory Information/ Considerations**

Subject to :

310 CMR 7.00 Appendix A or 40 CFR 52.21 (New Source Review)? \_\_\_\_\_

40 CFR Part 60 New Source Performance Standards? \_\_\_\_\_

40 CFR Part 63 NESHAP for Source Categories (MACT or GACT)? \_\_\_\_\_

| Data Field in Application Table - Federal Applicability |  |  |  |  |  |  |
|---------------------------------------------------------|--|--|--|--|--|--|
| Emission Unit No.                                       |  |  |  |  |  |  |
| Part                                                    |  |  |  |  |  |  |
| Subpart                                                 |  |  |  |  |  |  |

Other Applicable Requirements (describe):

|  |
|--|
|  |
|--|

Facility-wide Potential to Emit Single HAP

☐ Major   ☐ Non-Major

Facility-wide Potential to Combined (total) HAP

☐ Major   ☐ Non-Major

Is project subject to MEPA Review?

☐ Yes   EEA File Number \_\_\_\_\_  
☐ No

**Technical Information : Fuel Burning Equipment****Details of Proposed Project**

| <b>Data Field in Application Table</b>                                                  |  |  |  |  |
|-----------------------------------------------------------------------------------------|--|--|--|--|
| Emission Unit No                                                                        |  |  |  |  |
| Equipment Type                                                                          |  |  |  |  |
| If "Other", Specify                                                                     |  |  |  |  |
| Description of proposed equipment including manufacturer and model number or equivalent |  |  |  |  |
| Manufacturers Maximum Heat Input Rating in MMBtu/hr                                     |  |  |  |  |
| Fuel Used                                                                               |  |  |  |  |
| If "Other", Specify                                                                     |  |  |  |  |
| Fuel Type                                                                               |  |  |  |  |
| Type of Burner                                                                          |  |  |  |  |
| Is the Emission Unit equipped with Flue Gas Recirculation?                              |  |  |  |  |
| If yes, provide the percent of recirculation                                            |  |  |  |  |

**Stack Description**

| <b>Data Field in Application Table</b> |  |  |  |  |
|----------------------------------------|--|--|--|--|
| Emission Unit No                       |  |  |  |  |
| Does this Emission Unit have a stack?  |  |  |  |  |
| Stack #                                |  |  |  |  |
| Stack Height above ground in feet      |  |  |  |  |
| Stack Height above roof in feet        |  |  |  |  |
| Stack Exit Diameter in inches          |  |  |  |  |
| Exhaust Gas Temperature Range (F)      |  |  |  |  |
| Exhaust Gas Exit Velocity Range (FPS)  |  |  |  |  |
| Stack liner material                   |  |  |  |  |

**Best Available Control Technology (BACT)**

| Data Field in Application Table                  |  |  |  |  |
|--------------------------------------------------|--|--|--|--|
| Emission Unit No                                 |  |  |  |  |
| Fuel Used                                        |  |  |  |  |
| If "Other", Specify                              |  |  |  |  |
| Fuel Type                                        |  |  |  |  |
| Air Contaminant                                  |  |  |  |  |
| BACT Emission Limitation in Pounds per MMBtu     |  |  |  |  |
| Proposed Emission Restriction (12-month) in tons |  |  |  |  |
| Proposed Monthly Emission Restriction (tons)     |  |  |  |  |
| Proposed Fuel Usage limit (if any) monthly       |  |  |  |  |
| Proposed Fuel Usage limit (if any) annually      |  |  |  |  |
| Unit of Measure                                  |  |  |  |  |

**Monitoring and Recordkeeping**

| Data Field in Application Table      |  |  |  |  |
|--------------------------------------|--|--|--|--|
| Emission Unit No                     |  |  |  |  |
| Fuel Used                            |  |  |  |  |
| If "Other", Specify                  |  |  |  |  |
| Fuel Type                            |  |  |  |  |
| Method of Monitoring                 |  |  |  |  |
| If "Other", Specify                  |  |  |  |  |
| Record Keeping Procedures            |  |  |  |  |
| Frequency of data record             |  |  |  |  |
| Other Frequency of data record hours |  |  |  |  |

**Technical Information : Process Equipment and Activities****Detail of Proposed Project**

| <b>Data Field in Application Table</b>                                                  |  |  |  |
|-----------------------------------------------------------------------------------------|--|--|--|
| Emission Unit No                                                                        |  |  |  |
| Process Type                                                                            |  |  |  |
| If "Other", Specify                                                                     |  |  |  |
| Description of Proposed Equipment Including Manufacturer and Model Number or Equivalent |  |  |  |
| Maximum Design capacity                                                                 |  |  |  |
| Associated Fuel burning equipment                                                       |  |  |  |
| Air Contaminants                                                                        |  |  |  |
| If "Other", Specify                                                                     |  |  |  |
| Uncontrolled PTE per 12 month period (tons)                                             |  |  |  |

**Proposed Pollution Control**

| <b>Data Field in Application Table</b>       |  |  |  |  |
|----------------------------------------------|--|--|--|--|
| Pollution Control Device No                  |  |  |  |  |
| New or Existing                              |  |  |  |  |
| Pollution Control Device Type                |  |  |  |  |
| If "Other", Specify                          |  |  |  |  |
| Description of Pollution Control Device      |  |  |  |  |
| Air Contaminants controlled                  |  |  |  |  |
| If "Other", Specify                          |  |  |  |  |
| Capture Efficiency (CE) by weight %          |  |  |  |  |
| Destruction Efficiency (DE) % by Weight      |  |  |  |  |
| Overall Control Efficiency (OCE) % by weight |  |  |  |  |

**Project Configuration**

| Data Field in Application Table |  |  |  |  |
|---------------------------------|--|--|--|--|
| Emission Unit No                |  |  |  |  |
| PCD #                           |  |  |  |  |
| Stack #                         |  |  |  |  |

**Stack / Vent Description**

| Data Field in Application Table       |  |  |  |  |
|---------------------------------------|--|--|--|--|
| Stack #                               |  |  |  |  |
| Stack Height above ground in feet     |  |  |  |  |
| Stack Height above roof in feet       |  |  |  |  |
| Stack Exit Diameter in inches         |  |  |  |  |
| Exhaust Gas Temperature Range (F)     |  |  |  |  |
| Exhaust Gas Exit Velocity Range (FPS) |  |  |  |  |
| Stack liner material                  |  |  |  |  |

**Monitoring and Recordkeeping**

| Data Field in Application Table      |  |  |  |  |
|--------------------------------------|--|--|--|--|
| Emission Unit No                     |  |  |  |  |
| Method of Monitoring                 |  |  |  |  |
| Parameter Monitored                  |  |  |  |  |
| If "Other", Specify                  |  |  |  |  |
| Frequency of Monitoring              |  |  |  |  |
| Other Frequency of Monitoring Hours  |  |  |  |  |
| Record Keeping Procedures            |  |  |  |  |
| Frequency of data record             |  |  |  |  |
| Other Frequency of data record hours |  |  |  |  |

**Best Available Control Technology (BACT)**

| Data Field in Application Table                            |  |  |  |  |
|------------------------------------------------------------|--|--|--|--|
| Emission Unit No                                           |  |  |  |  |
| Air Contaminant                                            |  |  |  |  |
| BACT Emission Limitation                                   |  |  |  |  |
| Unit of measure                                            |  |  |  |  |
| Proposed Monthly Emission Restriction (tons)               |  |  |  |  |
| Proposed Emission Restriction (12-month) in tons           |  |  |  |  |
| Proposed Production or Operating Limit (per month)         |  |  |  |  |
| Proposed Production or Operating limit per 12 month period |  |  |  |  |

**DOCUMENTS****Document Attachments:**

The following is the full list of potential attachments to the application.

|                                                                                                                                   |  |
|-----------------------------------------------------------------------------------------------------------------------------------|--|
| Supporting Documents                                                                                                              |  |
| Proposed Expanded Project Description                                                                                             |  |
| Plot Plan                                                                                                                         |  |
| Combustion Equipment Manufacturer Specifications, including but not limited to Emission Data                                      |  |
| Combustion Equipment Standard Operating Procedures                                                                                |  |
| Combustion Equipment Standard Maintenance Procedures, Including Cleaning Method & Frequency.                                      |  |
| Calculations to Support This Plan Application                                                                                     |  |
| BWP AQ BACT Form, if not proposing Top-Case BACT                                                                                  |  |
| Air quality dispersion modeling demonstration documenting that National Ambient Air Quality Standards (NAAQS) are not exceeded.   |  |
| Process Equipment Manufacturer Specifications and supporting Safety Data Sheets for materials used                                |  |
| Pollution Control Device Equipment Manufacturer Specifications (both new and existing equipment associated with this application) |  |
| PCD Supplemental Form- Scrubber                                                                                                   |  |
| PCD Supplemental Form- Cyclone                                                                                                    |  |
| PCD Supplemental Form- Baghouse/ Filter                                                                                           |  |
| PCD Supplemental Form Adsorption Equipment                                                                                        |  |
| PCD Supplemental Form – Afterburner/ Oxidation                                                                                    |  |
| PCD Supplemental Form- Electrostatic Precipitator                                                                                 |  |
| PCD Supplemental Form- Selective Catalytic Reduction                                                                              |  |
| PCD- Sorbent/ Reactant Injection                                                                                                  |  |
| PCD- Other Pollution Device Manufacturer specification                                                                            |  |
| Equipment Standard Operating Procedures                                                                                           |  |

**APPLICATION DATA COLLECTION WORKSHEET: AQ01 Limited Plan Approval Fuel and Process**

|                                                                                  |  |
|----------------------------------------------------------------------------------|--|
| Equipment Standard Maintenance Procedures, Including Cleaning Method & Frequency |  |
| Other (e.g. Roof Plan, Floor Plan, Topographic Map)                              |  |
| Supplemental Form: Noise                                                         |  |
| Supplemental Form : Coatings and Inks                                            |  |
| LPA Fuel Form- paper (ancillary Fuel Use in a process application)               |  |
| Monitoring Plan                                                                  |  |