



Department of  
**Environment &  
Conservation**

# Title V Application Forms

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# Application Submittal

- Title V facilities should use current Title V application forms for all application submittals (*construction and operating permits*)
- 35 Application Forms with instructions
- Fillable PDF Forms
- Software Programs
  - Adobe Acrobat Reader (free)
  - Adobe Acrobat Pro (costs \$\$)
  - Other programs able to read and/or edit PDF's
- <https://www.tn.gov/environment/permit-permits/air-permits/operating/title5-operating.html>

# Application Submittal (cont'd)

## ***Electronic Submittals***

- Division prefers that applications be submitted via email to: [air.pollution.control@tn.gov](mailto:air.pollution.control@tn.gov)
- Combine entire application into one PDF document
- Sign application before scanning/combining

# Application Submittal (cont'd)

## *Combining PDF Forms*

- **Warning:** When combining multiple forms into one document using Adobe Acrobat Pro, form fields that have the same name in the merged document are merged into one field.
- Before combining multiple forms into one document, editable forms must be converted to non-editable forms.
- Converting to non-editable form using Adobe Acrobat Pro:
  - Tools\Print Production\Preflight\PDF Fixups\Flatten annotations and form fields

# Common Application Issues

The following are either missing or incomplete in the Title V application:

- Forms
- Supporting Calculations
- Federal Regulatory Review – applicable sections of the regulation
- Compliance with Control Device(s) – specifics on monitoring, recordkeeping, reporting, and testing requirements

# Types of Application Forms

- General Forms
- Emission Source Description Forms
- Control Device Forms
- Compliance Demonstration Forms

# General

Typically, these forms should be submitted with every application, *except the APC 36 Fee Form*.

- APC Index Form *includes truth and accuracy statement*
- APC 1: Facility Identification
- APC 2: Operations and Flow Diagrams *includes insignificant activities*
- APC 31: Compliance Demonstration
- APC 35: Application Completeness Checklist
  
- APC 36: Fee Selection Form *submit if you want to change how (actual/allowable, combination) or when (calendar/fiscal) you pay annual emission fees*



# Emission Source Description

For each ***emission source***, one of the following forms should be submitted:

- APC 3: Stack Identification *should be filled out for each stack emission point*
- APC 4: Fuel Burning Non-Process Equipment
- APC 5: Stationary Gas Turbine or Internal Combustion Engine
- APC 6: Storage Tanks
- APC 7: Incineration
- APC 8: Printing Operations
- APC 9: Printing and Coating Operations
- APC 10: Miscellaneous Processes
- APC 33: Stage I and Stage II Vapor Recovery
- APC 34: Open Burning

# Control Device

For each ***control device***, the following forms should be submitted:

- APC 11: Control Equipment – Miscellaneous
- APC 13: Adsorbers
- APC 14: Catalytic or Thermal Oxidation
- APC 15: Cyclones / Settling Chambers
- APC 17: Wet Collection Systems
- APC 18: Baghouses / Fabric Filters

# Compliance Demonstration

For each ***emission source***, the **APC 19** form should be submitted along with one or more of the following forms listed below. For example, you may use a continuous emission monitor to comply with NO<sub>x</sub> emissions, and recordkeeping to comply with PM.

- APC 19: Compliance Certification
- APC 20: Continuous Emissions Monitoring
- APC 21: Portable Monitors
- APC 22: Monitoring Control System/ Operating Parameters
- APC 23: Monitoring Maintenance Procedures
- APC 24: Stack Testing
- APC 25: Fuel Sampling and Analysis
- APC 26: Recordkeeping
- APC 27: Other Methods

# Compliance Demonstration Forms (cont'd)

For ***each emission source***, the following forms should be submitted:

- **APC 28:** Emissions from Process Emission Source / Fuel Burning Installation / Incinerator
- **APC 30:** Current Emissions Requirements and Status

The **APC 29** form should be submitted for the ***entire facility*** or the ***sources included in the application***.

- **APC 29:** Emission Summary for the Facility or for the Sources Contained in this Application

If Ambient Air Monitoring is required, submit the **APC 32** form.

- **APC 32:** Air Monitoring Network

# Example 1: Surface Coating Operation with Filter Control

## Typically, you would submit the following forms:

- APC Index: Truth and Accuracy Statement
- APC 1: Facility Identification Form
- APC 2: Operations and Flow Diagrams
- APC 3: Stack Identification
- APC 9: Printing and Coating Operations
- APC 11: Control Equipment - Miscellaneous
- APC 19: Compliance Certification
- APC 26: Compliance Demonstration by Recordkeeping (*Filter inspection and replacement log*)
- APC 28: Emissions from Process Emission Source/Fuel Burning/Incinerator
- APC 29: Emission Summary for Facility or for Sources Contained in Application
- APC 30: Current Emissions Requirements and Status
- APC 31: Compliance Plan and Compliance Certification
- APC 35: Application Completeness Checklist

# Example 2: Woodworking Operation with Baghouse Control

## Typically, you would submit the following forms:

- APC Index: Truth and Accuracy Statement
- APC 1: Facility Identification Form
- APC 2: Operations and Flow Diagrams
- APC 3: Stack Identification
- APC 10: Miscellaneous Processes
- APC 18: Control Equipment - Baghouses / Fabric Filters
- APC 19: Compliance Certification
- APC 22: Compliance Demonstration
- APC 28: Emissions from Process Emission Source/Fuel Burning/Incinerator
- APC 29: Emission Summary for Facility or for Sources Contained in Application
- APC 30: Emissions Requirements and Status
- APC 31: Current Compliance Plan and Compliance Certification
- APC 35: Application Completeness Checklist

# Example 3: Boiler

## Typically, you would submit the following forms:

- APC Index: Truth and Accuracy Statement
- APC 1: Facility Identification Form
- APC 2: Operations and Flow Diagrams
- APC 3: Stack Identification
- APC 4: Fuel Burning Non-Process Equipment
- APC 19: Compliance Certification

Facility can choose one of the following (APC 26 or APC 27)

- APC 26 Compliance Demonstration by Recordkeeping
- APC 27: Compliance Demonstration by Other Method
- APC 28: Emissions from Process Emission Source/Fuel Burning/Incinerator
- APC 29: Emission Summary for Facility or for Sources Contained in Application
- APC 30: Current Emissions Requirements and Status
- APC 31: Compliance Plan and Compliance Certification
- APC 35: Application Completeness Checklist

# Example 4: Reciprocating Internal Combustion Engine

## Typically, you would submit the following forms:

- APC Index: Truth and Accuracy Statement
- APC 1: Facility Identification Form
- APC 2: Operations and Flow Diagrams
- APC 3: Stack Identification
- APC 5: Stationary Gas Turbine or Internal Combustion Engine
- APC 19: Compliance Certification
- APC 26: Compliance Demonstration by Recordkeeping
- APC 28: Emissions from Process Emission Source/Fuel Burning/Incinerator
- APC 29: Emission Summary for Facility or for Sources Contained in Application
- APC 30: Current Emissions Requirements and Status
- APC 31: Compliance Plan and Compliance Certification
- APC 35: Application Completeness Checklist



# TDEC Dataviewers

- Dataviewers pull information from the same consolidated databases TDEC staff use to keep track of environmental regulatory activities, rosters and status.
- View permits, inspection reports, complaints, applications, letters, stack tests, NOV's, etc.
- Available for Air, Water, and Solid Waste Divisions
- <https://www.tn.gov/environment/about-tdec/tdec-dataviewers.html>

# Questions?

