

# **IMPACT System Training**

**June 2015**

**Brian Hall**

**Zachary Mangin**

**Adam Deppe**

**Tyler Ward**

# Outline

- Introduction
- User Accounts / Getting Started
- Facility Profile
- NSR Permit Applications
- Title V Permitting
- Stack Testing
- Compliance Reports
- Emissions Inventories
- Contact Information

# IMPACT - Overview

- Inventory, Monitoring, Permitting, And Compliance Tracking (IMPACT) System
- Online data system to submit applications, reports, and documents electronically to WDEQ
- Designed to enhance the quality, efficiency, and consistency of the Air Quality Division's (AQD's) management of air quality data and provide a user-friendly interface to submit data

# IMPACT - Goals

- Minimize AQD administrative permit processing time
- Minimize repetitive data entry for emission inventories and permit applications
- Reduce the need for paper copies
- Transparency of information between AQD and regulated community
- Validate data submissions to reduce requests for additional information

# IMPACT - Plan

- Fall 2014 : GO LIVE!
  - Ability to validate and submit NSR applications online
  - Update contact information via the Portal (online system)
- IMPACT Future Updates
  - Compliance report and stack test submissions
  - Title V emission inventory submissions
  - Title V application validation and submission

# User Accounts

- **Six Steps**

- 1. Create a new eGov profile. <https://egov.state.wy.us/index.aspx>
- 2. Login to ENV-ITE. <http://envite.deq.wyoming.gov>
- 3. Complete user profile. Remember security questions and answers.
- 4. Request access to IMPACT.
- 5. Complete affidavit (print and fill out). Mail the original signed and notarized to:

Wyoming Department of Environmental Quality  
ENVITE  
122 West 25th Street  
Herschler Building, 4th Floor West  
Cheyenne, WY 82002

- 6. Access IMPACT after user account is provisioned. [airimpact.wyo.gov](http://airimpact.wyo.gov)

# User Accounts - Affidavit

- Affidavit (help: <http://deq.state.wy.us/wqd/ENVITE/Affidavit.asp>)
  - Affidavit will need to be signed by the applicant and person in company approving access (eSign or Edit role)
    - eSign - Able to submit applications and reports (e.g. Environmental Manager, Project Manager, RO, etc...)
    - Edit - Read/edit capabilities. Can validate data, but not submit reports, Els, and certain applications. However, able to submit facility profile and contact changes (e.g. environmental staff, consultant, anyone the facility entrusts to enter data)
- Notarization also required on affidavit signatures

# Getting Started

- Google Chrome is the recommended browser for IMPACT
- BACK button on browser will not work
- ENTER button on keyboard does not work
  - Click “submit” instead
- Ensure you have pop-ups enabled for the site
- Website: [airimpact.wyo.gov](http://airimpact.wyo.gov)



# Facility Profile

- Most everything in the system is navigable and related to a specific facility record
- Most objects revolve around creation of Facility Profile
- May see facility-related objects at Facility Profile, such as:
  - Emissions Units
  - Control Equipment
  - Release Points
  - Applications
  - Permits

# Facility Profile

- Tiered menu system:
  - **Top row of links** is always visible, and will allow you to select a different company/facility
  - Select company, then facility
  - **First** and **second** level menus are visible from the IMPACT Home page for a given facility

Version 5.0 | Build ID: 8.2.0

Welcome aqdstaff

[Return to Company Selector](#) [Return to Facility Selector](#) [Return to ENVITE home page](#)

**IMPACT Home**

[Task - Facility Contact Change](#)

[Task - Facility Inventory Change](#)

[Tasks](#) | [Current Facility Inventory](#) | [Current Owner](#) | [Contacts](#) | [Applications](#) | [Emissions Inventories](#) | [Permits](#) | [Compliance Reports](#) | [Event Logs](#) | [External References](#)

**IMPACT Home** >

- [Owners](#)
- [Contacts](#)
- [Emission Units](#)
- [Control Equipment](#)
- [Release Points](#)
- [Applications](#)
- [Permits](#)
- [Emissions Inventories](#)
- [Rules & Regs](#)
- [Facility Inventory History](#)
- [Event Logs](#)
- [Compliance Reports](#)

- A **third** level menu may appear on the left depending on the first and second level
- **Bottom row of links** includes those at the top of the page and the first level menu items

[IMPACT Home](#) | [Task - Facility Contact Change](#) | [Task - Facility Inventory Change](#) | [Task - NSR Application \(A0000489\)](#) | [Task - NSR Application \(A0000493\)](#) | [Task - Stack Test \(18641\)](#) | [Return to Company Selector](#) | [Return to Facility Selector](#) | [Return to ENVITE home page](#)

# Facility Profile – Facility Tree

- Expand Facility Tree to see other components of the facility tree (i.e. process, control equipment, and release points)
- Click on the emission unit, process, control device, or release point to see information specific to that piece of equipment
- The Facility Tree should mimic the airflow as it is conveyed from the emissions unit/process to the control device(s) (if any) and out the release point(s)



# Facility Tree – Emission Unit

- Emission Unit 
  - Definition:  
Equipment related to industrial processes that emit air pollutants at a facility
  - Examples: boiler, engine, generator, paint spray booth

### Emissions Unit Information

---

**AQD ID:** DHY001

**Emission Unit Type:** Dehydration Unit [Help me select the Emission Unit Type](#)

**AQD Description:** H1 - Glycol Heater T-214

**Company Equipment ID:** DHY1

**Company Equipment Description:** Dehy

**Operating Status:** Operating

**Initial Construction Commencement Date:** 3/6/2012

**Initial Operation Commencement Date:** 3/6/2012

**Most Recent Construction/Modification Commencement Date:** 3/6/2012

**Most Recent Operation Commencement Date:** 3/6/2012

---

### ▼ Emission Unit Type Specific Information

**Dehydration Type:** DEG

**Design Capacity (MMscf/day):** 30.00

---

### ▼ Permitted Emissions

This table is populated by AQD staff based on established/permitted emission limits. It is shown here for informational purposes only.

Pollutant	Potential Emissions	Allowable Emissions	Comments
	Rate Units	Rate Units	
<div style="display: flex; justify-content: space-around;"> <span>Printable view</span> <span>Export to excel</span> </div>			

Edit
Create Cloned Emissions Unit
  
Create Emissions Process

# Facility Tree – Process Unit

- Process Unit



- Definition: An industrial activity that categorizes or describes an emission unit, and related characteristics, such as the fuel used; associated with SCC

### Process Information

**Process ID:** PRC006  
**Process Name:**  
**Company Process Description:** H1 - Glycol Heater T-214  
**Source Classification Code (SCC):** 31000302  
**SCC Level 1 Description:** 3:Industrial Processes  
**SCC Level 2 Description:** 10:Oil and Gas Production  
**SCC Level 3 Description:** 003:Natural Gas Processing Facilities  
**SCC Level 4 Description:** 02:Glycol Dehydrators: Reboiler Burner Stack: Triethylene Glycol

[SCC reference information](#)

- ❖ Example: 31000302
  - ◆ Level 1 – 3: Industrial Processes
  - ◆ Level 2 – 10: Oil and Gas Production
  - ◆ Level 3 – 003: Natural Gas Processing Facilities
  - ◆ Level 4 – 02: Glycol Dehydrators: Reboiler Burner Stack: Triethylene Glycol

# Facility Tree – Control Device

- Control Device 
  - Definition: A device that reduces, prevents, captures or destroys air pollutants before they are released into the atmosphere
  - Examples: Adsorber, baghouse, cyclone, scrubber

### Control Equipment Information

**AQD ID:** LNB001  
**Control Equipment Type:** Low NOx Burner  
**AQD Description:** LNB

**Company Control Equipment ID:** LNB1  
**Company Control Equipment Description:** LNB

**Operating Status:** Operating  
**Initial Installation Date:** 3/6/2014  
**Manufacturer Name:** **Model Name and Number:**

### Control Equipment Type Specific Information

**Inlet Gas Temp (F):** 120  
**Burner Type:** Low Nox Burner  
**Outlet Gas Temp (F):** 150

### Pollutants Controlled

**Explanation**

\*You must specify at least one pollutant in the Pollutants Controlled table

Pollutant	Design Control Efficiency(%)	Operating Control Efficiency(%)	Capture Efficiency(%)	Total Capture Control(%)
NOx - Nitrogen Oxides	98	100	98	98

Printable view    Export to excel

Edit    Delete    Create Cloned Control Equipment

Create And Associate Subsequent Control Equipment    Create And Associate Release Point

Associate Existing Subsequent Control Equipment    Associate Existing Release Point

Disassociate Subsequent Control Equipment    Disassociate Release Point

# Facility Tree – Release Point

- Release Point 

- Definition: The point at which a contained pollutant is emitted to the atmosphere
- Examples: Vertical stack, horizontal stack, area/volume/line release points

### Release Point Information

**AQD ID:** VER004  
**Release Point Type:** Vertical  
**AQD Description:** Glycol Heater T-214

**Company Release Point ID:** VER4  
**Company Release Point Description:** Glycol Heater

**Operating status:** Operating  
**Release Point Latitude:** 43.29083      **Facility Latitude:** 43.29083  
**Release Point Longitude:** -105.09956      **Facility Longitude:** -105.09956

[Show On Map](#)

### ▼ Release Point Type Specific Information

**Base Elevation (ft):** 5600.00  
Feet above sea level

**Stack Height (ft):** 15.00      **Stack Diameter (ft):** .30  
Feet above base elevation

**Exit Gas Velocity (ft/s):** 17.61      **Exit Gas Temp (F):** 700.00  
**Exit Gas Flow Rate (acfm):** 15.00

### CEM Data

Description	Pollutant Monitored												
	H2S	SO2	NOX	CO	THC	HCL	HFL	O	TRS	CO2	FLOW	OPACITY	PM
<input type="button" value="Printable view"/> <input type="button" value="Export to excel"/>													

# NSR Application

- Creating an NSR Permit Application also creates a facility inventory task and a facility contact change
- Creating an inventory change task takes a “screenshot” - it is critical to update Facility Profile first before creating an object (such as an NSR application)

## New Tasks

Select from the lists below to create a new task

### Facility Management

Make a Facility Inventory Change

Make a change to the Facility Contact(s)

### Emissions Reporting

Create an Emissions Inventory

### Permitting

Create an NSR Permit Application

Create a Title V Permit Application

### Compliance Reporting

Create a Stack Test Report

Create a Compliance Report

# Populating the NSR Application

Facility ID: F025927      NSR Application Number: A0000487      Submitted: No  
Facility Name: AQD Test Facility      Request type: NSR Application

**NSR Application**

- DHY001
- ENG001
- ENG002
- ENG003
- ENG004
- FUG001
- FUG002
- TNK001

**NSR Application**  
This information should be filled out for each New Source Review (NSR) application. An NSR permit is required for all air contaminant sources (emissions units) installed or modified after January 1, 1974. See the application instructions for additional information.

**Purpose of Application**  
Please summarize the reason this permit is being applied for.

Has the facility changed location or is it a new/greenfield facility? :  
Does production at this facility contain H2S? :

**Federal Rules Applicability - Facility Level**  
Prevention of Significant Deterioration (PSD) : Please select  
*These rules are found under WAQSR Chapter 6, Section 4.*  
Non-Attainment New Source Review : Please select  
*These rules are found under WAQSR Chapter 6, Section 13.*

**Trade Secret Information**  
 Yes  No - One or more Emissions Units in this application contains trade secret information. This is a system generated indicator.

**Permit Application Contact**  
Newly created contacts and application contact changes will be saved when the application is saved.

**Modeling Section**  
Ambient Air Quality Impact Analysis: WAQSR Chapter 6, Section 2(c)(ii) requires that permit applicants demonstrate that a proposed facility will not prevent the attainment or maintenance of any ambient air quality standard.  
If air quality modeling is used for this demonstration, please review the Air Quality Division's modeling guidance documents; available on the [External References](#) page.  
Has the applicant contacted Air Quality Division to determine if modeling is required? :  
Is a modeling analysis part of this application? :  
Is the proposed project subject to Prevention of Significant Deterioration (PSD) requirements? :

**Attachments**  
\*There are 2 required attachments

Status ID	Attachment Type	Description	Trade Secret Document	Trade secret Justification
Upload	Process Flow Diagram		None Provided	N/A
Upload	Emissions Calculations		None Provided	N/A

[Add](#)

To Delete the attachment, or to Edit attachment description, click in the Attachment ID column.

**Attachment type explanation**

[Edit](#) [Select EUs](#) [Validate](#)

[Show Associated Facility Inventory](#) [Download/Print](#) [Download/Print Trade Secret Version](#)

Click "Edit" to make changes to facility level information

# Populating the NSR Application

- 1. Update Facility Profile (emission units, processes, control devices, and/or release points).
- 2. Create new NSR Application.
- 3. Complete cover page of application.
- 4. Fill out additional emission unit information.
- 5. Validate.
- 6. Submit.

▼ Emission Unit Type Specific Information **Engine - example**

Emission Unit Type : Engine

* Btu Content :	<input type="text" value="1020.00"/>	* Units :	<input type="text" value="Btu/scf"/>
* Fuel Sulfur Content :	<input type="text" value=".01"/>	* Units :	<input type="text" value="%"/>
* Type of Service :	<input type="text" value="Emergency"/>		

# Title V Permitting

- Steps for submitting a Title V application are similar to NSR application process

Facility ID: F025927 Facility Name: AQD Test Facility	Title V Permit Application Number: A0000496 Request type: Title V Permit Application	Submitted: No
--	---	---------------

Title V Permit Application

- AMN001
- AMN002
- BOL001
- DHY001
- ENG001
- ENG002
- ENG003
- ENG004
- FUG001
- FUG002
- TNK001

### Non-insignificant Emissions Unit

AQD EU ID : AMN001  
 AQD EU description :  
 Company EU ID : AMINE1  
 Company EU Description : Amine Unit

---

### Maximum Allowable Operating Schedule

Provide the maximum allowable operating schedule for this emissions unit

Hours/day :

Hours/year :

Is there an Alternate Operating Scenario (AOS) authorized for this emission unit that is not included in an AOS for multiple emission units, already attached to this application? :

\* The attachment must include a list of each emissions unit affected by the scenario, the SIC code(s) for processes and products associated with the AOS, as well as the requirements that apply during the AOS.

---

### Emission Unit Potential to Emit (PTE)

"Potential to emit" means the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of its design if the limitation is enforceable by the EPA and the Division..

**Criteria Pollutants :**

Pollutant	Potential to Emit (PTE) (tons/year)	Basis for Determination
CO - Carbon Monoxide	<input type="text" value="0"/>	<input type="text" value=""/>
NOx - Nitrogen Oxides	<input type="text" value="0"/>	<input type="text" value=""/>
PM (Filt) - Primary PM, Filterable Portion Only	<input type="text" value="0"/>	<input type="text" value=""/>
PM10 (FIL) - Filterable Portion Only	<input type="text" value="0"/>	<input type="text" value=""/>
PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)	<input type="text" value="0"/>	<input type="text" value=""/>
PM2.5 (FIL) - Filterable Portion Only	<input type="text" value="0"/>	<input type="text" value=""/>
PM2.5 - (Includes Filterables + Condensibles) (PM<2.5 Microns)	<input type="text" value="0"/>	<input type="text" value=""/>
Pb - Lead	<input type="text" value="0"/>	<input type="text" value=""/>
SO2 - Sulfur Dioxide	<input type="text" value="0"/>	<input type="text" value=""/>

# Title V Permitting

- Major differences from NSR application include:
  - Clean Air Act Provisions Applicability

## ▼ Clean Air Act Provisions

- \* Is this facility subject to 112(r) of the Clean Air Act? :
- \* Is this facility subject to Title IV of the Clean Air Act? :
- \* Frequency of the submission of compliance certifications during the term of the permit? :
- \* Are the air contaminant sources identified in this application in compliance with applicable enhanced monitoring (Compliance Assurance Monitoring) and compliance certification requirements of the Act? :
- \* Is the facility subject to engine configuration restrictions? :
- \* Is the facility subject to WAQSR Chapter 14, Section 3 (Actual Emissions of SO<sub>2</sub> in any calendar year 2000 or later > 100 tons per year)? :

- Insignificant Activities List

## ▼ Insignificant Activities

Attach a list of activities incidental to the primary business of the facility and which result in emissions of less than one ton per year of a regulated pollutant or emissions less than 1000 pounds per year of a hazardous air pollutant. By listing these sources, the applicant is certifying emissions are less than the above quantities, and that the activity has no applicable requirements. Flares, incinerators, and fuel burning equipment (no matter how small) have applicable requirements and may not be listed here. Include in the list for each activity:

- Activity Description
- Pollutant(s)
- Estimated Emissions (by pollutant)

WAQSR Chapter 6, Section 3(c)(ii)(A)(III)(1.) indicates a source is not required to provide detailed information on insignificant activities which are incidental to the primary business activity. The insignificant activities must result in less than one ton of emissions of a regulated pollutant per year, or less than 1000 pounds of emissions from a hazardous air pollutant per year, and have no other applicable regulatory requirements. The emissions level of 1 ton per year for each regulated pollutant or 1000 pounds per year for each hazardous pollutant should be applied to the same activity collectively. For example, emissions from all maintenance-type painting operations at the facility should be totaled and listed collectively. List these activities, their respective pollutant(s), and an emission estimate for each pollutant. By listing the sources in this attachment, you are certifying that all activities and emission levels meet the aforementioned criteria.

# Stack Test Submittal

- Similar to other object submissions from IMPACT
- Click “Create a Stack Test Report” under IMPACT Home
- Stack Test Information

▼ Stack Test Information

Select	Test Date(s)
<input type="checkbox"/>	<input type="text"/> 
<input type="button" value="Add Date"/> <input type="button" value="Delete Selected Dates"/>	

Company Conducting Test:

Audits:

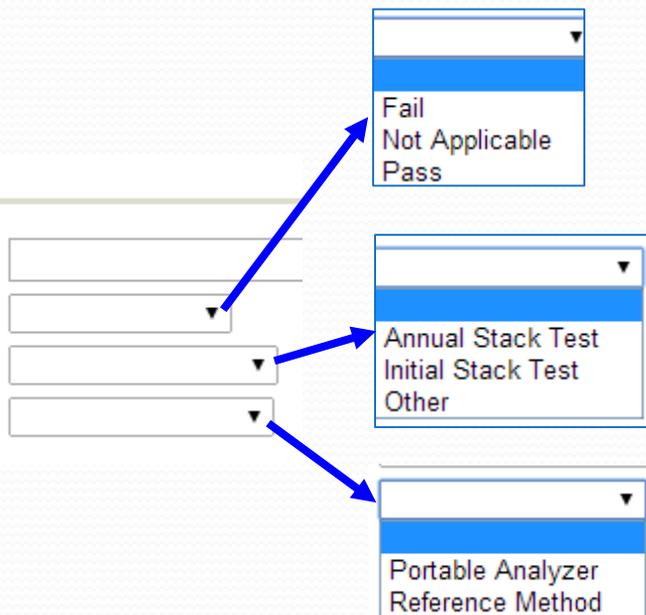
Category:

Testing Method:

Fail  
Not Applicable  
Pass

Annual Stack Test  
Initial Stack Test  
Other

Portable Analyzer  
Reference Method



# Stack Test Submittal

- Select Stack Test Method; Enter other required fields.

▼ Stack Test Method

Stack Test Method:  Conformed to Test Method:

Tested	
<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	

Portable Analyzer (NOx & CO)

Method 7E - NOx - Instrumental

Method 10 - CO (NDIR)

Method 25A - Gaseous Organic Concentration (Flame Ionization)

Methods 7E & 10- Nox and CO- Instrumental

Methods 7E, 10, & 25A-Nox, CO, and TOC- Instrumental

Methods 7E, 10, 18, & 25A- Nox, CO, and VOC- Instrumental

Methods 7E, 10, & 25A (with methane cutter) - Nox, CO, and VOC- Instrumental

Methods 320 and/ or ASTM D 6348-03- Nox, CO, & VOC- FTIR

Methods 320 and/ or ASTM D 634903- Nox/ CO/ VOC/ HCHO- FTIR

Method 320- Vapor Phase Organic & Inorganic Emissions by Extractive FTIR

Method 323 - Formaldehyde Measurement Using Derivatization

Method 5 - Particulate Matter(PM)

Method 17 - In-Stack Particulate (PM)

Method 5F - PM Fluid Catalytic Cracking Unit

Methods 5/202- PM (Total front half particulate matter plus considerable particulate in back-half catch)

Method 9 - Visual Opacity

Method 22 - Fugitive Opacity

Method 6 - Sulfur Dioxide (SO2)

▼ Emissions Units Test

Select	Emissions
<input type="checkbox"/>	ENG001

Control Equipment U

Associated Control Equipment

LNB001:LNB;



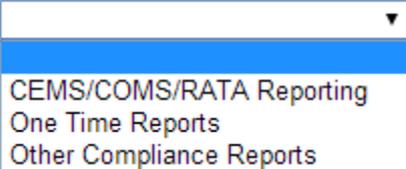
▼ Stack Test Method

Stack Test Method:  Conformed to Test Method:

Tested	Method Pollutant Choices	
	Code	Description
<input checked="" type="checkbox"/>	COCO	Carbon Monoxide
<input checked="" type="checkbox"/>	NOXNOx	Nitrogen Oxides

# Compliance Report Submittal

- Similar to stack tests – create, validate, and submit
- Click “Create a Compliance Report” in IMPACT Home
- Choose Report Type
- Choose Category

Report Type:   

CEMS/COMS/RATA Reporting  
One Time Reports  
Other Compliance Reports

Report Type:    
\* Category    
Annual RATA  
Other  
Quarterly Ambient Monitoring Report  
Quarterly CEM/COM Monitoring

Report Type:    
\* Category    
Ambient Monitor Certification  
Anticipated Start-Up  
CEM/COM Certification  
Commencement of Construction  
Excess Emissions  
MACT Applicability  
NSPS Applicability  
Other One-time Report  
Request for Operating Permit  
Shutdown/Removal of EU  
Start-up of EU

Report Type:    
\* Category    
Annual Ambient Monitoring Report  
Annual Compliance Certification (Title V)  
Annual Dust Control Report  
Annual GHG Report (Title V)  
Annual Monitoring (Minor/SM)  
Annual PALS Report  
Annual SO2 Report  
Flaring/Venting Report  
LDAR Report  
MACT Report  
NSPS Report  
Other  
Periodic Emissions Inventory  
Remediation Report  
Semi-annual Monitoring and/or Maintenance (Title V)  
Thermal Oxidizer Report

- Create Report

Report Type:    
\* Category  

# Compliance Report Submittal

- Click Edit

Buttons: Edit, Validate, Show Current Facility Inventory, Download/Print, Download/Print Trade Secret Version

- Report Category should match earlier selection

Report Category: Annual SO2 Report

- Enter a description of the report and period/due dates as applicable

Description, Reporting Period and/or Date(s)

Enter the reporting period and due date if applicable. Also summarize the contents of the attached compliance report, including the test date, notification date, and any notable issues. Attach the compliance report below.

[Text Input Field]

- Attach the compliance report (at least one attachment required)

Attachment ID	Attachment Type	Description	Trade Secret Document	Trade Secret Justification	Uploaded By	Upload Date
[Empty Row]						

Buttons: Add, Printable view, Export to excel

Save changes when finished

Buttons: Save, Cancel

- Validate, submit, and eSign

# Emissions Reporting

- Choose EU Reporting Level

- Option 1: With Emissions Inventory ID selected in Facility Tree, select “Exclude/Include Emissions Units”

The Facility Tree on the left shows a hierarchy starting with Emissions Inventory ID EI0000028. Underneath are units: DHY001 - 0Ton (with sub-unit PRC006), ENG001 - 0Ton (with sub-unit PRC001), and ENG002 - 0Ton (with sub-unit PRC002). A red circle highlights EI0000028. A blue arrow points from this ID to the 'Exclude/Include Emissions Units' dialog box.

The dialog box has a 'Validate' button and a 'View/Update Facility Inventory' button. Below these are buttons for 'Associate with Different Facility Inventory', 'Download/Print', and 'Download/Print Trade Secret Version'. At the bottom of the dialog is a table:

Emission Unit	Company Equipment ID	Detailed Emissions	Exclude Detailed Emissions Reporting
DHY001	DHY1	<input checked="" type="checkbox"/>	<input type="radio"/> Less Than Reporting Requirement <input type="radio"/> Did Not Operate
ENG001	E1	<input checked="" type="checkbox"/>	<input type="radio"/> Less Than Reporting Requirement <input type="radio"/> Did Not Operate
ENG002	E2	<input checked="" type="checkbox"/>	<input type="radio"/> Less Than Reporting Requirement <input type="radio"/> Did Not Operate

Buttons at the bottom of the table include 'Printable view' and 'Export to excel'.

Save changes when finished

- Option 2: Select EU in Facility Tree, then click edit

The Facility Tree on the left shows the same hierarchy as above. A red circle highlights DHY001 - 0Ton. A blue arrow points from this unit to the 'Emissions Unit Summary' dialog box.

The dialog box has buttons for 'Printable view' and 'Export to excel' at the bottom left. A red circle highlights the 'Edit' button. The main content of the dialog is:

**Emissions Unit DHY001 Summary**  
 Emissions Unit ID: DHY001  
 AQD Description (read-only): H1 - Glycol Heater T-214

Below the description is a note: "Only AQD staff may change the AQD Description." At the bottom, the 'EU Reporting Level' is set to 'Detailed Emissions Reporting' (selected with a radio button), with options for 'Less Than Reporting Requirement' and 'Did Not Operate'.

# Emissions Reporting

- Actual emissions and operating details are added for the **process**

## Emissions Inventory Detail

Facility ID: F025927      Emissions Inventory Category: TV      Submitted: No      Reporting Year: 2013  
Facility Name: AQD Test Facility      Emissions Inventory ID: EI0000028      Completed Date:      Reporting State: Not Filed

EI0000028  
  DHY001 - 0Ton  
  **PRC006**  
  ENG001 - 0Ton  
    PRC001  
  ENG002 - 0Ton  
    PRC002

### Process & Emissions Detail

PRC006: Source Classification Code (SCC) is 3-10-003-02

#### Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule/Material/Variables/Factors/Explanations contain Trade Secrets? No.

Maximum Hours Per Day:	24
Maximum Days Per Week:	7
Maximum Weeks Per Year:	52
Actual Hours Per Year:	

Operating schedule taken from EU specifications

Winter (Jan-Feb, Dec)%:	25
Spring (Mar-May)%:	25
Summer (Jun-Aug)%:	25
Fall (Sep-Nov)%:	25

Material	Action	Throughput Units
Gas	Produced	pending MILLION CUBIC FEET

Variable Amount in Gas Units & Meaning

The variables table is empty because there are no variables in the formula associated with the FIRE rows for this process.

Explanation

To complete emissions reporting for this process, you have to provide values above for **Schedule**, **Season Percents** and **Material Throughput** in the units specified by **Units**. If there is a choice of more than one **Material**, you must select which is most appropriate, otherwise no action is needed on your part. The word pending appears each place a value is needed.

Click to enter/edit any of the above information (actual hours per year and seasonal percent operation are required)

[Edit Material/Schedule/Seasons](#)

Save when finished editing

# Emissions Reporting

- Add process emissions

- Click “Edit Emissions”

Edit Emissions

- Complete table for criteria air pollutants, and add any applicable HAP emissions

▼ Process Emissions

Criteria Air Pollutants/Other	Method Used	Hours Uncontrolled	Uncontrolled Emissions Factor (Lbs/Throughput Units)	Time-based Factor (LBS/Hour)	Emissions Reported			Units	Explanation
					Fugitive Amount	Stack Amount	Total		
PM10 - (Includes Filterables + Condensibles) (PM<10 Microns)	Time-based factor - CEM							TONS	<a href="#">add</a>
PM2.5 - (Includes Filterables + Condensibles) (PM<2.5 Microns)	Time-based factor - Stack Test							TONS	<a href="#">add</a>
Formaldehyde	Time-based factor - Estimated							TONS	<a href="#">add</a>
NOx - Nitrogen Oxides	Throughput-based factor							TONS	<a href="#">add</a>
Pb - Lead	Time-based factor - Allowable							TONS	<a href="#">add</a>
SO2 - Sulfur Dioxide	Emissions							TONS	<a href="#">add</a>
VOC - Volatile Organic Compounds								TONS	<a href="#">add</a>
Ammonia								TONS	<a href="#">add</a>

An explanation for each emission factor is needed

The following information was developed using Wyoming DEQ-generated pollutant emission calculations. The values may be provided to USEPA by the Wyoming DEQ. You may modify these Wyoming DEQ-generated emission calculations if you have more accurate information.

Select Pollutant	Method Used	Hours Uncontrolled	Uncontrolled Emissions Factor (Lbs/Throughput Units)	Time-based Factor (LBS/Hour)	Emissions Reported			Units	Explanation
					Fugitive Amount	Stack Amount	Total		
<p style="text-align: center;"> <input type="button" value="Add Emission"/> <input type="button" value="Delete Selected Emission(s)"/> <input type="button" value="Printable view"/> <input type="button" value="Export to excel"/> </p> <p style="text-align: center;"> <input type="button" value="Save"/> <input type="button" value="Cancel"/> </p>									

Save when finished editing

# Contact Information

## WDEQ IMPACT Contacts:

- Setup Support/General Email – [deq-air-impact@wyo.gov](mailto:deq-air-impact@wyo.gov)
- Technical Support
  - Zac Mangin - 307-777-6282
  - Adam Deppe - 307-777-8754
  - Tyler Ward – 307-777-7872
- Program Administrator - Brian Hall
  - 307-777-6088
  - [brian.hall@wyo.gov](mailto:brian.hall@wyo.gov)