



# TECHNOLOGY TRANSITIONS REPORTING WEBINAR

December 17, 2025

# Webinar Technical Overview

## Call-in Details

- 1-206-800-4483
- ID: 368 733 371#

## Question and Answer (Q&A) Session

- Participants are muted
- Questions will be moderated at the end
- To ask a question, enter it into the chat box

# Webinar Materials

## Recording and Slides

- The presentation is being recorded
- Materials from this webinar will be posted on the EPA's Reducing Hydrofluorocarbons (HFCs) Public Meetings web page: [Public Meetings](#)

# Webinar Goals

- Provide context and background on Technology Transitions reporting requirements.
- Provide step-by-step instruction on how to register for reporting.
  - Reporters are encouraged to register and report early.
  - Registration is available.
- Provide information on how to use EPA's reporting platform (HAWK).
- Provide the reporting form to reporters.
  - The reporting form and additional information on reporting are available at the [Technology Transitions Reporting webpage](#).
- Ensure reporters know where to get more information and ask questions.
  - For questions, please contact [HFCTransitions@epa.gov](mailto:HFCTransitions@epa.gov).

# Agenda

- Technology Transitions Program
- Registering for the HAWK Reporting System
- Completing the Technology Transitions Excel Report
- Creating & Uploading a Technology Transitions Report
- Viewing Submitted Reports and Documents
- Resubmitting a Report
- Getting Additional Help

# Technology Transitions Program

Information about Technology Transitions Regulatory Requirements

# Overview of Subsection (i) – Technology Transitions

- Subsection (i) of the American Innovation and Manufacturing (AIM) Act authorizes EPA to restrict HFC uses.
- Final Rule Published October 24, 2023, [88 FR 73098](#).

- Covers the refrigeration air conditioning and heat pump (RACHP), foams, and aerosol sectors.
- Requires annual reporting.

\*Note: There is a proposal to reconsider portions of this rule. Reporting requirements are not impacted by this reconsideration.



# Reporting Requirements

- Manufacturers and importers must report annually:
  - Subsector, HFC or HFC blend used, quantity manufactured, imported, and exported.
  - First reports are due **March 31, 2026**, for calendar year 2025 data.
  - Reporting is required for all subsectors.
- Equipment or products that do not contain HFCs and are not intended for use with HFCs do NOT need to report.
  - e.g. Refrigerators or aerosol sprays that use hydrocarbons do NOT need to report.

# Who Must Report?

- The entity responsible for manufacturing or importing the covered product or specified component in the United States.
  - Manufacturers
    - Manufacture means to complete the manufacturing and assembly processes of a product or specified component such that it is ready for initial sale, distribution, or operation.
    - Manufacture occurs in the United States and does not refer to foreign manufacture.
  - Importers
    - An importer is any person who imports any product or specified component using or intended for use with a regulated substance into the United States. Importer includes the person primarily liable for the payment of any duties on the merchandise or an authorized agent acting on his or her behalf. The term also includes:
      - (1) The consignee;
      - (2) The importer of record;
      - (3) The actual owner; or
      - (4) The transferee, if the right to withdraw merchandise from a bonded warehouse has been transferred.

# Reporting Platform Overview

- EPA Central Data Exchange (CDX)
  - The EPA's electronic reporting site.
  - A central secure website where companies/entities/people can report information and data to EPA.
  - All users from one company should create accounts under only one CDX Organization, even if they submit reports under multiple reporting programs.
  - One company can register as many users to their CDX Organization as needed.
- HAWK
  - The platform for reporting requirements under the AIM Act and Title VI of the CAA.
  - Accessed by registering for the “Hydrofluorocarbon and Ozone Depleting Substances Reporting” (HFC-ODS-R) Program Service in CDX.
- Technology Transitions Report
  - A spreadsheet that is uploaded to HAWK to comply with the Technology Transitions Provisions of the AIM Act.

# Reporting Steps Overview



# Registering for HAWK

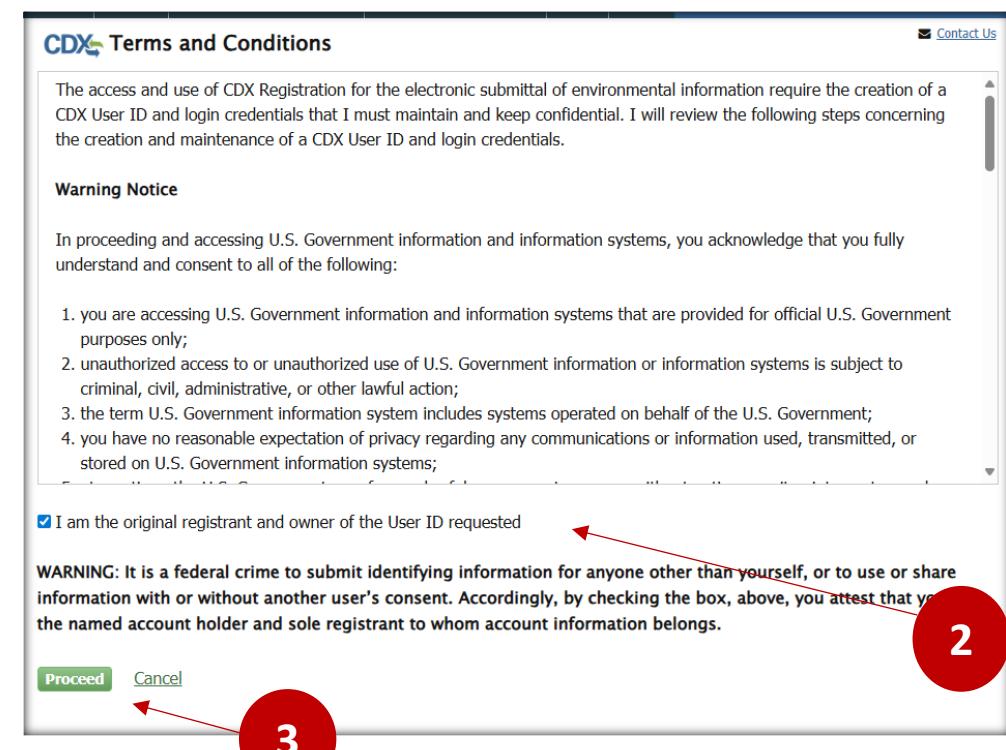
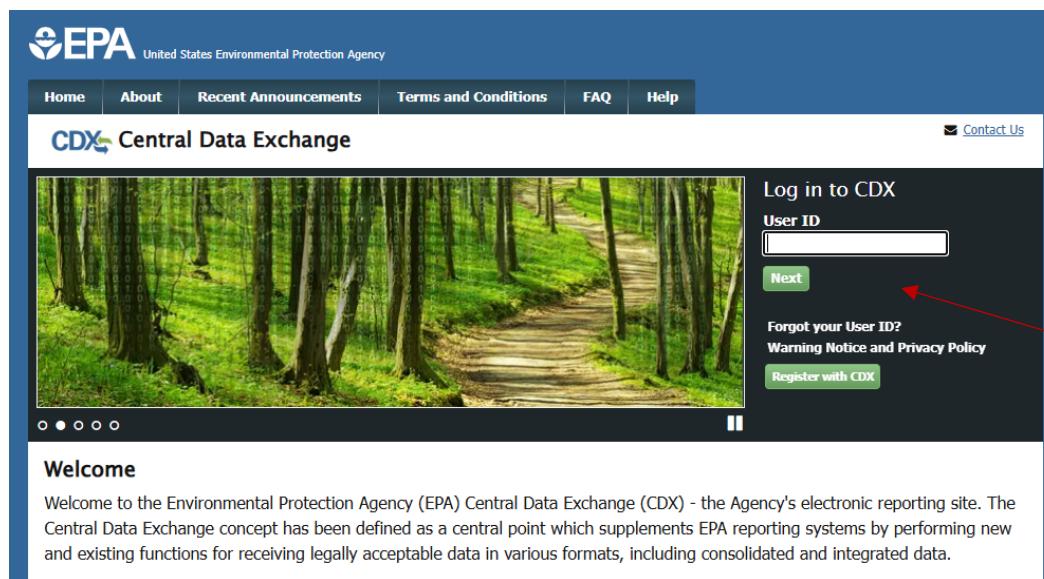
Step-by-Step guide to Register in CDX to access HAWK

# Registration Overview

- Registration for HFC-ODS-R program service (HAWK) is available now.
- Register for or log into CDX and select the HFC-ODS-R Program Service.
  - New CDX Users must first register for CDX using a multistep process:
    - Create a CDX Account;
    - Create a Login.gov Account;
    - Request Access;
    - Complete the LexisNexis Confirmation and sign the electronic signature agreement (ESA);
    - Receive Access.
  - Existing CDX Users must request access to the HFC-ODS-R Program Service in CDX.

# Registering for HAWK in CDX – New CDX User

1. Go to <https://cdx.epa.gov/> to login or register.
2. Read and Accept the Terms and Conditions.
3. Click “Proceed” button.



# Registering for HAWK in CDX – New CDX User

1. Select HFC-ODS-R Program Service.
2. Select Role (Company Representative).
3. Click “Request Role Access” Button.

**CDX Core CDX Registration**

1. Program Service > 2. Role Access > 3. Identity Credentials > 4. User and Organization

Begin typing a program service name or related keywords to filter the list of available services (e.g., air quality system, AQS, or Clean Air Act).

Active Program Services List

hfc

**HFC-ODS-R: Hydrofluorocarbon and Ozone Depleting Substances Reporting**

Cancel

1

**CDX Core CDX Registration**

1. Program Service > 2. Role Access > 3. Identity Credentials >

**Registration Information**

**Program Service** Hydrofluorocarbon and Ozone Depleting Substances Reporting

**Role** Not selected

Select a role from the drop down list and provide any required additional information, if a

**Select Role**

Company Representative

Leak Reporter

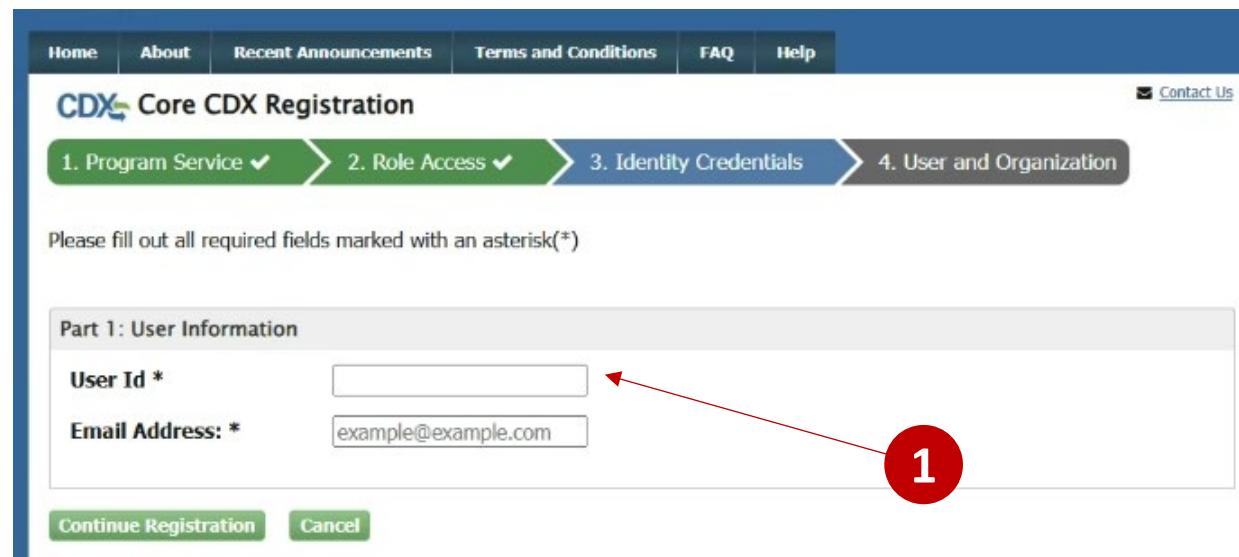
Request Role Access

2

3

# Registering for HAWK in CDX – New CDX User

1. Create a CDX User ID.
2. CDX will redirect you to Login.gov.
3. Create (or sign into) Login.gov account.



Core CDX Registration

1. Program Service 2. Role Access 3. Identity Credentials 4. User and Organization

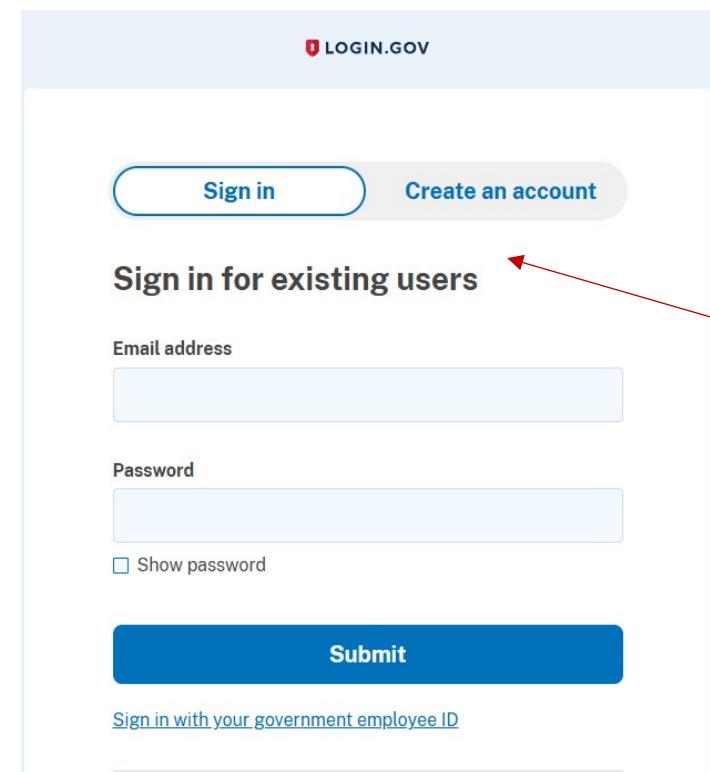
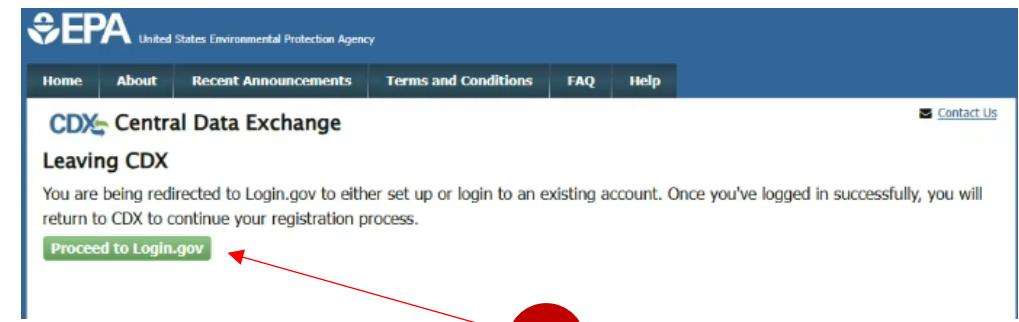
Please fill out all required fields marked with an asterisk(\*)

Part 1: User Information

User Id \*

Email Address: \*

[Continue Registration](#) [Cancel](#)



LOGIN.GOV

[Sign in](#) [Create an account](#)

Sign in for existing users

Email address

Password

Show password

[Submit](#)

[Sign in with your government employee ID](#)

# Registering for HAWK in CDX – New CDX User

1. To create a Login.gov account, create a password.
2. Select an Authentication method.

**LOGIN.GOV**

You have confirmed your email address

### Create a strong password

Your password must be **12 characters** or longer. Don't use common phrases or repeated characters, like abc or 111.

**Password**

**Confirm password**

Show password

**Continue**

1

**LOGIN.GOV**

### Authentication method setup

Add an additional layer of protection to your Login.gov account by selecting a multi-factor authentication method.

We recommend you select at least two different options in case you lose one of your methods.

- Face or touch unlock**  
Use your face or fingerprint to access your account without a one-time code.
- Authentication application**  
Download or use an authentication app of your choice to generate secure codes.
- Text or voice message**  
Receive a secure code by (SMS) text or phone call.
- Security key**  
Connect your physical security key to your device. You won't need to enter a code.
- Government employee ID**  
PIV/CAC cards for government and military employees. Desktop only.
- Backup codes**  
A list of ten codes you can print or save to your device. Because backup codes are easy to lose, choose this option only as a last resort.

**Continue**

2

# Registering for HAWK in CDX – New CDX User

1. After Login.gov account created (or signed into), return to CDX.
2. Enter User Information.
3. Select and Answer Security Questions.



CDX Core CDX Registration

1. Program Service ✓ 2. Role Access ✓ 3. Identity Credentials ✓ 4. User and Organization 1

Logged In as DEBBIE20250826 [Log out](#)

**Registration Information**

**Program Service** Hydrofluorocarbon and Ozone Depleting Substances Reporting

**Role** Company Representative

Please fill out all required fields marked with an asterisk(\*)

**Part 1: User Information**

The program you are registering for requires additional proof of identity. Later in the registration process you will be given the option to use LexisNexis, an identity proofing service. LexisNexis will pull your first, middle and last name exactly as it is entered on this page.

<b>User ID *</b>	DEBBIE20250826
<b>Title *</b>	-Please Select-
<b>First Name *</b>	<input type="text"/>
<b>Middle Initial</b>	<input type="text"/>
<b>Last Name *</b>	<input type="text"/>
<b>Suffix</b>	-Please Select-
<b>Security Question 1 *</b>	-Please Select-
<b>Security Answer 1 *</b>	<input type="text"/>
<b>Security Question 2 *</b>	-Please Select-

2 3

# Registering for HAWK in CDX – New CDX User

1. Search for Current Organization.
2. Select correct result Organization ID and save for records.
3. If Organization ID not listed, select “Can’t find your organization?” links.
4. Enter Phone Number.
5. Click “Submit Request for Access” button.

**Part 2: Organization Info**

Organization ID	Organization Name	Address	City	State	ZIP Code
49773	Happy Corp#2	123 Main St.	Washington	DC	20871

Can't find your organization? [Use advanced search](#) or [request that we add your organization](#).

**Part 2: Organization Info**

Happy Corp#2  
123 Main St.  
Washington, DC, US  
20871

Email \*: cj.test4@yahoo.com

Phone Number \*:

Phone Number Ext:

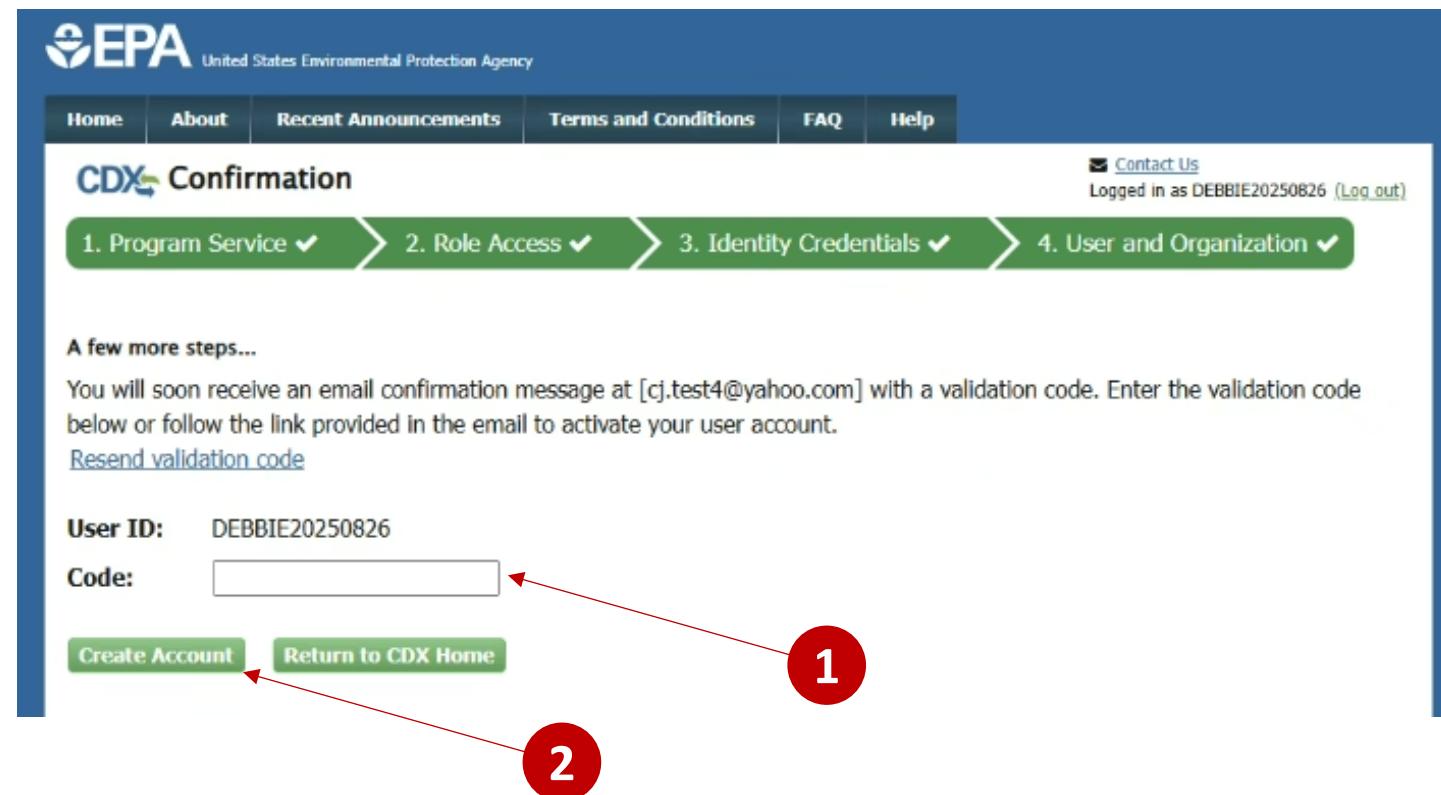
Fax Number:

Wrong organization information? [Back to Search Results](#), [Use advanced search](#) or [request that we add your organization](#).

**Submit Request for Access**

# Registering for HAWK in CDX – New CDX User

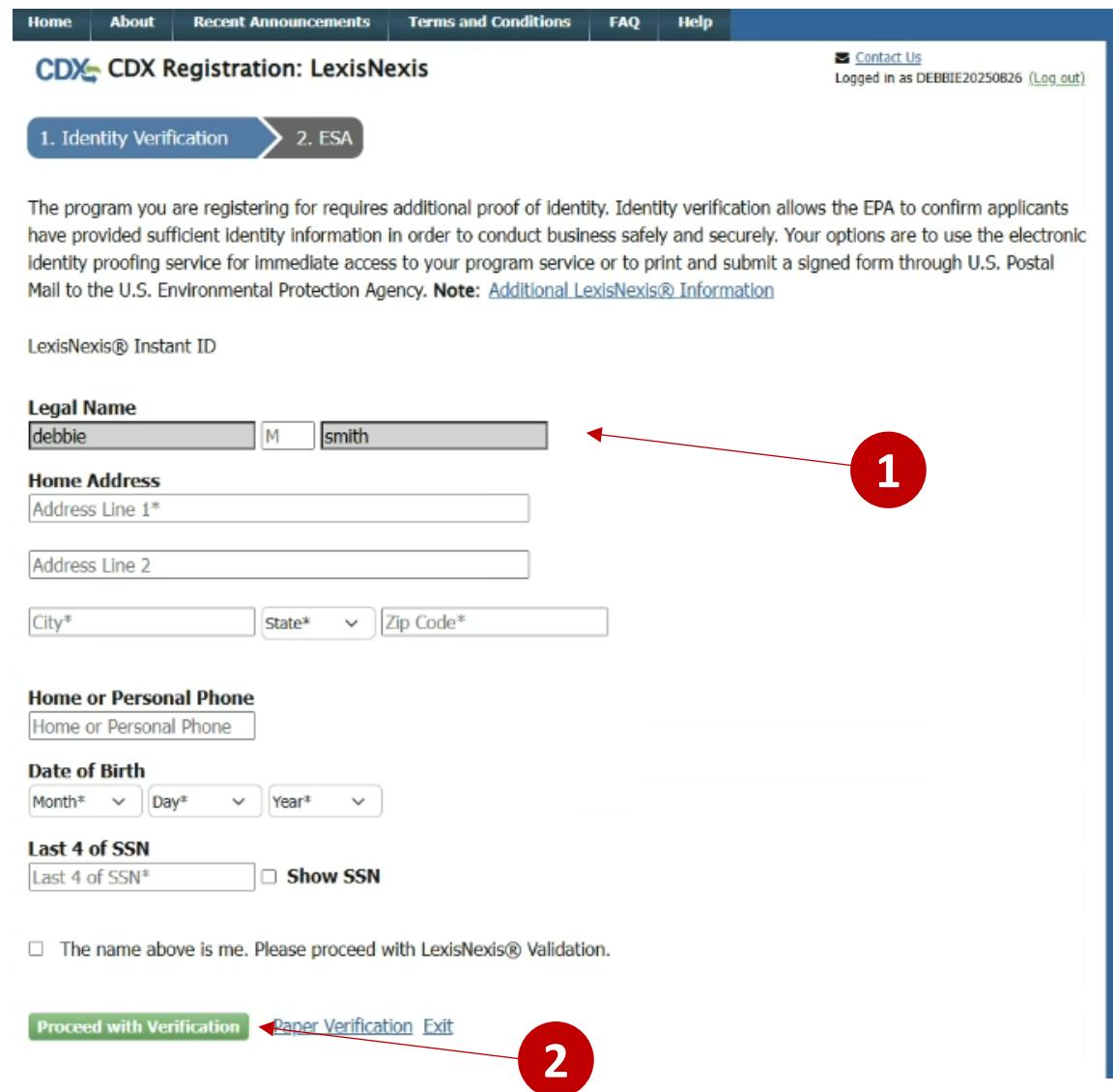
1. Check registered email for validation code from [helpdesk@epacdx.net](mailto:helpdesk@epacdx.net) and enter that code.
2. Click “Create Account” button.



The screenshot shows the EPA CDX Confirmation page. At the top, there is a navigation bar with links for Home, About, Recent Announcements, Terms and Conditions, FAQ, and Help. On the right side of the header, there is a 'Contact Us' link and a message indicating the user is 'Logged in as DEBBIE20250826' with a 'Log out' link. Below the header, the page title is 'CDX Confirmation' with a sub-section '1. Program Service ✓'. A progress bar shows four steps: 1. Program Service (green), 2. Role Access (grey), 3. Identity Credentials (grey), and 4. User and Organization (green). Below the progress bar, there is a section titled 'A few more steps...' with instructions: 'You will soon receive an email confirmation message at [cj.test4@yahoo.com] with a validation code. Enter the validation code below or follow the link provided in the email to activate your user account.' A 'Resend validation code' link is provided. The main form fields are 'User ID: DEBBIE20250826' and 'Code: '. At the bottom of the form are two buttons: 'Create Account' (highlighted with a red circle labeled '1') and 'Return to CDX Home'.

# Registering for HAWK in CDX – New CDX User

1. Complete LexisNexis validation form.
2. Select “Proceed with Verification” button to continue.
3. If there are issues with LexisNexis, follow onscreen instructions and let us know at [hfctransitions@epa.gov](mailto:hfctransitions@epa.gov).



Home | About | Recent Announcements | Terms and Conditions | FAQ | Help

**CDX** CDX Registration: LexisNexis

1. Identity Verification 2. ESA

The program you are registering for requires additional proof of identity. Identity verification allows the EPA to confirm applicants have provided sufficient identity information in order to conduct business safely and securely. Your options are to use the electronic Identity proofing service for immediate access to your program service or to print and submit a signed form through U.S. Postal Mail to the U.S. Environmental Protection Agency. **Note:** [Additional LexisNexis® Information](#)

LexisNexis® Instant ID

**Legal Name**  
debbie M smith

**Home Address**  
Address Line 1\*  
Address Line 2  
City\* State\* Zip Code\*

**Home or Personal Phone**  
Home or Personal Phone

**Date of Birth**  
Month\* Day\* Year\*

**Last 4 of SSN**  
Last 4 of SSN\*  Show SSN

The name above is me. Please proceed with LexisNexis® Validation.

**Proceed with Verification**

# Registering for HAWK in CDX – New CDX User

1. Sign Electronic Signature Agreement (ESA) by clicking “Sign Electronically” button.

**U.S. Environmental Protection Agency  
ELECTRONIC SIGNATURE AGREEMENT**

In accepting the electronic signature credential issued by the U.S. Environmental Protection Agency (EPA) to sign electronic documents submitted to EPA's Central Data Exchange (CDX), and as a representative for:

**Electronic Signature Holder Company Information**

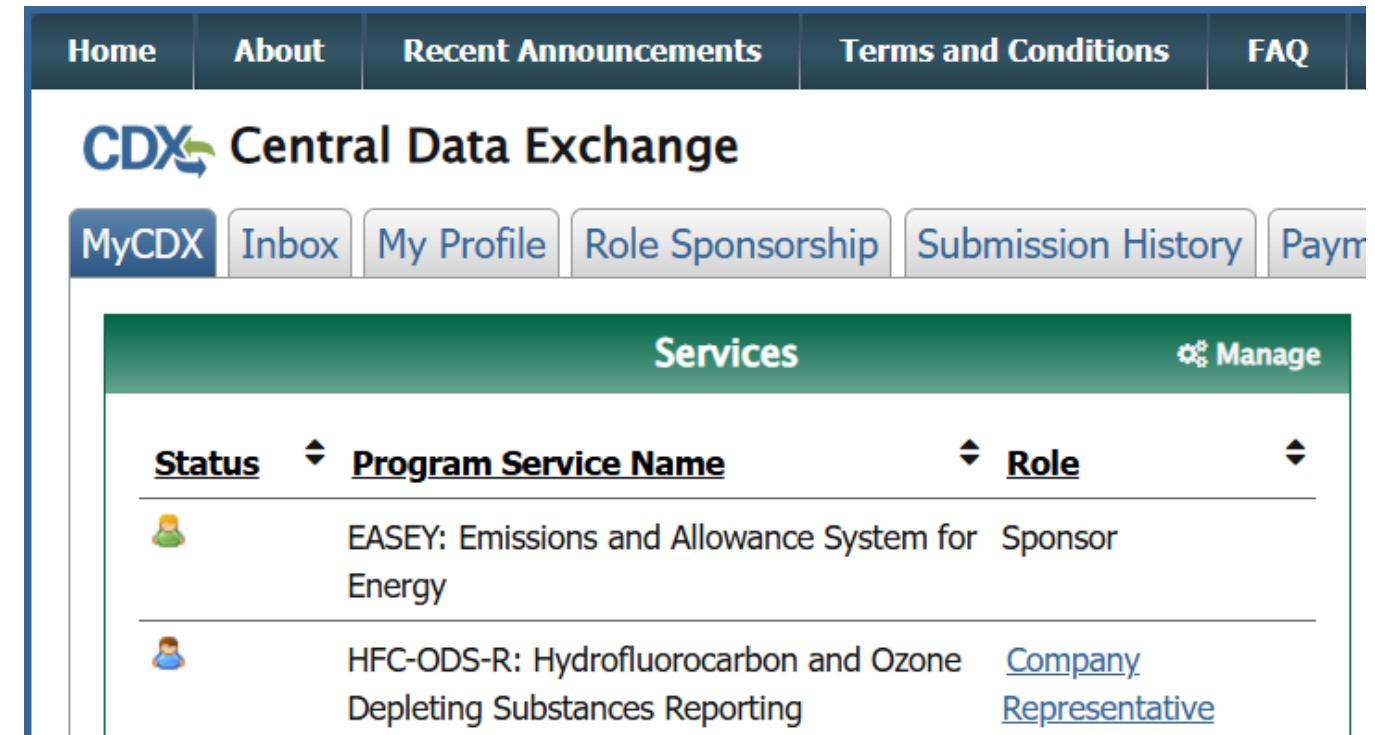
Organization Name:	Happy Corp#2
Address:	123 Main St.
City, State, Zip:	Washington, DC 20871
Province:	
Country:	US
Phone Number:	(901) 999-9999
E-mail Address:	cj.test4@yahoo.com
Registrant's Name:	Mrs debbie smith
CDX User Name:	DEBBIE20250826

**Sign Electronically**

1

# Registering for HAWK in CDX – New CDX User

1. Once EPA approves your request, you will receive an email notification from [helpdesk@epacdx.net](mailto:helpdesk@epacdx.net).
2. Log into the HFC-ODS-R Program Service using the active link in CDX.



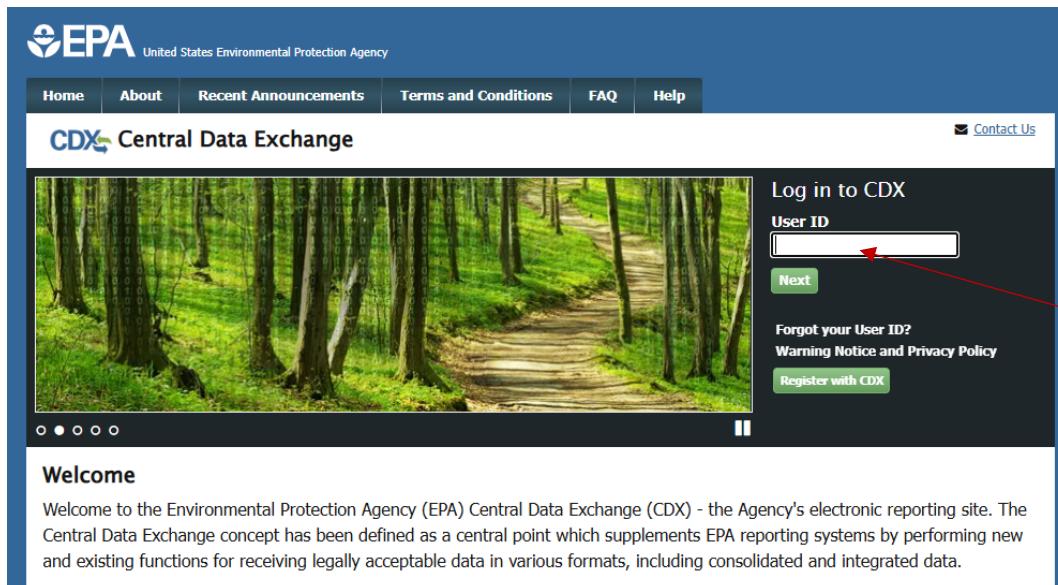
CDX Central Data Exchange

MyCDX [Inbox](#) [My Profile](#) [Role Sponsorship](#) [Submission History](#) [Paym](#)

Services	Manage	
Status	Program Service Name	Role
	EASEY: Emissions and Allowance System for Energy	Sponsor
	HFC-ODS-R: Hydrofluorocarbon and Ozone Depleting Substances Reporting	<a href="#">Company Representative</a>

# Request HAWK Access – Existing CDX Account

1. Log into CDX.
2. Select “Add Program Service” button.



The screenshot shows the 'Services' page in the CDX interface. At the top, there's a navigation bar with links for MyCDX, Inbox, My Profile, Role Sponsorship, Submission History, and Payment. Below that is a header with the CDX logo and the text 'Central Data Exchange'. The main content area is a table titled 'Services' with columns for 'Status', 'Program Service Name', and 'Role'. The table lists several services: EASEY (Sponsor Energy), HFC-ODS-R (Company Representative), HFC-ODS-R (EPA User), OTAQREG (Fuels Programs Registration), and SPDS (Company Representative). At the bottom of the page are two green buttons: 'Add Program Service' (with a red arrow pointing to it from a red circle labeled '2') and 'Manage Your Program Services'.

Status	Program Service Name	Role
	EASEY: Emissions and Allowance System for Energy	<a href="#">Sponsor Energy</a>
	HFC-ODS-R: Hydrofluorocarbon and Ozone Depleting Substances Reporting	<a href="#">Company Representative</a>
	HFC-ODS-R: Hydrofluorocarbon and Ozone Depleting Substances Reporting	<a href="#">EPA User</a>
	OTAQREG: Office of Transportation and Air Quality Fuels Registration	<a href="#">Fuels Programs Registration</a>
	SPDS: Stratospheric Protection Division System	<a href="#">Company Representative</a>

# Request HAWK Access – Existing CDX Account

1. Select HFC-ODS-R Program Service.
2. Select Role (Company Representative).
3. Click “Request Role Access” button.

1. Program Service > 2. Role Access > 3. Organization Information

Begin typing a program service name or related keywords to filter the list of available services (Clean Air Act).

## Active Program Services List

HFC-O

HFC-ODS-R: Hydrofluorocarbon and Ozone Depleting Substances Reporting

Cancel

Registration Information	
Program Service	Hydrofluorocarbon and Ozone Depleting Substances Reporting
Role	Not selected

Select a role from the drop down list and provide any required additional information.

## Select Role

Company Representative

Request Role Access

Cancel

2

3

1

# Request HAWK Access – Existing CDX Account

1. If you are requesting access for another company, request to add it.
2. Otherwise, select Current Organization from dropdown.
3. Click “Submit Request for Access” button
4. Once EPA approves, you will get an email notification [helpdesk@epacdx.net](mailto:helpdesk@epacdx.net) and the program service will appear in your list.



Registration Information	
Program Service	Hydrofluorocarbon and Ozone Depleting Substances
Role	Company Representative

**Select a Current Organization**

**Request to Add an Organization**

Select an organization from the dropdown list.

1

**Submit Request for Access**



# Responsibilities of Company Representative

- You are responsible for managing your organization's users.
- You may invite additional Company Representatives and Delegates through Role Sponsorship. See the table below for more detail:

Role	Description
Company Representative	<ul style="list-style-type: none"><li>• Can invite other Company Representatives and Delegates.</li><li>• Can update company and user information in HAWK.</li><li>• Can create reports, delete reports, view data for the organization, and electronically sign documents.</li></ul>
Delegate	<ul style="list-style-type: none"><li>• Cannot invite other users or make any changes to company or user information in HAWK.</li><li>• Can create reports, delete reports, view data for the organization, and electronically sign documents.</li></ul>

# Role Sponsorship in CDX

1. Log into CDX, select the “Role Sponsorship” tab.
2. Select the “Role Sponsorship/Invitation” tool.
3. Enter the email address for the user that is being sponsored.
4. Enter HFC-ODS-R (HAWK) from the Program Service dropdown.
5. Select the desired role from the Role dropdown based on the user’s permission needs.
6. Click the “Submit” button.

The screenshot shows the CDX Central Data Exchange interface. The top navigation bar includes links for Contact Us, MyCDX, Inbox, My Profile, Role Sponsorship (which is highlighted in blue), Submission History, and Payment History. The top right corner shows the user is logged in as 'COMPREP2025' with a 'Log out' link. The main content area is titled 'Role Sponsorship Tools' and contains a table with three rows:

Tool	Description
<a href="#">Role Sponsorship/Invitation</a>	Initiate and inform users of request to authorize service access
<a href="#">Pending Sponsorship Requests</a>	List and approve/deny requests for service access
<a href="#">Access Management</a>	View and/or modify existing privileges

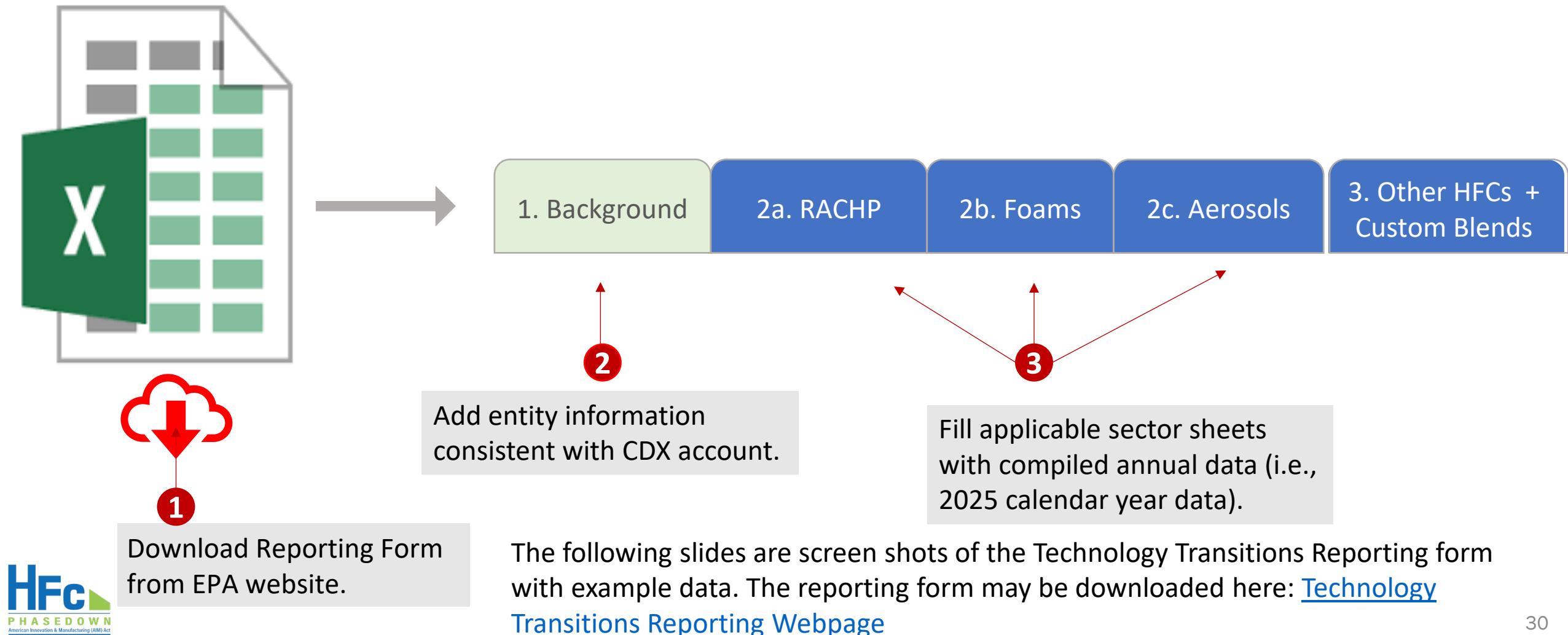
Red numbers 1 through 6 are overlaid on the screenshot to indicate the steps:

1. Points to the 'Role Sponsorship' tab in the top navigation bar.
2. Points to the 'Role Sponsorship/Invitation' link in the 'Role Sponsorship Tools' table.
3. Points to the 'Email \*' input field in the 'Step 1: Recipient Information' section.
4. Points to the 'Program Service \*' dropdown in the 'Step 2: Sponsorship Information' section, which is set to 'HFC-ODS-R: Hydrofluorocarbon and Ozone Depleting'.
5. Points to the 'Role \*' dropdown in the 'Step 2: Sponsorship Information' section, which is set to 'Company Representative'.
6. Points to the 'Submit' button at the bottom of the 'Step 1' section.

# Completing the Technology Transitions Excel Report

Specifics for Filling out the Technology Transitions Reporting Form

# Reporting Form Overview



# Reporting Form Guidance

## Phasedown of Hydrofluorocarbons: Restrictions on the Use of Certain Hydrofluorocarbons under Subsection (i) of the American Innovation and Manufacturing Act of 2020 Technology Transitions Reporting Form to fulfill requirements under 40 CFR 84.60

<b>Worksheet Instructions:</b>	
<ul style="list-style-type: none"><li>• This reporting form should be completed by any person who imports or manufactures a product or specified component within a sector or subsector listed in § 84.54 that uses or is intended to use a regulated substance or blend containing a regulated substance.</li><li>• All sections of the report must be completed prior to submission.</li><li>• Provide supporting documentation, as needed, to respond to this reporting request.</li><li>• See § 84.60 for more discussion around the reporting requirements.</li></ul>	
<b>Version:</b>	
1.0	
<b>Updated:</b>	
12/16/2025	
<b>External Links (General and Regulation):</b>	
<a href="https://www.epa.gov/climate-hfcs-reduction/technology-transitions">https://www.epa.gov/climate-hfcs-reduction/technology-transitions</a>	
<a href="https://www.epa.gov/climate-hfcs-reduction/regulatory-actions-technology-transitions">https://www.epa.gov/climate-hfcs-reduction/regulatory-actions-technology-transitions</a>	
<b>Reporting Form Navigation:</b>	
<a href="#">Part 1: Background Information (this sheet)</a> <a href="#">Identifying Information (this sheet)</a>	
<a href="#">Part 2a: RACHP Sector Reporting Form</a>	
<a href="#">Part 2b: Foam Sector Reporting Form</a>	
<a href="#">Part 2c: Aerosols Sector Reporting Form</a>	
<a href="#">Part 3: Other HFCs and Custom Blends</a>	
<b>Legend:</b>	
	Indicates that data entry/dropdown selection is required.
	Indicates that the cell is not editable by the user.
	Indicates that no data are required.

# Reporting Form Guidance

## Identifying Information

**Instructions: Provide the following information in the table below. This information should be consistent with data entries in CDX account registration.**

<b>Reporting entity's name:</b>	
<b>Physical Street Address:</b>	
<b>City:</b>	
<b>State:</b>	
<b>Zip Code:</b>	
<b>Contact Person:</b>	
<b>Email Address:</b>	
<b>Phone Number:</b>	
<b>Year Covered in Report:</b>	
<b>Date of Submittal:</b>	

# RACHP Reporting Examples

	<i>Select from dropdown</i>	<i>Select from dropdown</i>	<i>Select from dropdown if shaded blue</i>	<i>Enter Data</i>
Sector	Product or Specified Component	Subsector	Additional Subsector Information	Equipment Type (e.g., compressor) [optional]
RACHP	Product	Vending machines	Vending machines	dozen cases bottle holder
RACHP	Specified Component	Residential and light commercial air conditioning and heat pumps	Residential and light commercial air conditioning and heat pump systems (e.g., mini-splits, unitary systems)	Residential Condensing Unit
RACHP	Specified Component	Residential and light commercial air conditioning and heat pumps	Residential and light commercial air conditioning and heat pump systems (e.g., mini-splits, unitary systems)	Commercial Condensing Unit
RACHP	Product	Chillers	Industrial process refrigeration with exiting fluid above -30 °C (-22 °F)	
RACHP	Specified Component	Chillers	Comfort cooling	1000-ton
RACHP	Specified Component	Chillers	Industrial process refrigeration with exiting fluid above -30 °C (-22 °F)	Tofu freezer
RACHP	Specified Component	Industrial process refrigeration (not using chillers)	With 200 or more lb refrigerant charge excluding high temperature side of cascade system and temperature of the refrigerant entering the evaporator equal to or above -30 °C (-22 °F)	Tofu freezer

# RACHP Reporting Examples

Select from dropdown		Select from dropdown	Select from dropdown if shaded blue	Enter Data
Sector	Product or Specified Component		Additional Subsector Information	Equipment Type (e.g., compressor) [optional]
RACHP	Product	Vending machines	Vending machines	dozen cases bottle holder
RACHP	Specified Component	Residential and light commercial air conditioning and heat pumps	Residential and light commercial air conditioning and heat pump systems (e.g., mini-splits, unitary systems)	Residential Condensing Unit
RACHP	Specified Component	Residential and light commercial air conditioning and heat pumps	Residential and light commercial air conditioning and heat pump systems (e.g., mini-splits, unitary systems)	Commercial Condensing Unit
RACHP	Product	Chillers	Industrial process refrigeration with exiting fluid above -30 °C (-22 °F)	
RACHP	Specified Component	Chillers	Comfort cooling	1000-ton
RACHP	Specified Component	Chillers	Industrial process refrigeration with exiting fluid above -30 °C (-22 °F)	Tofu freezer
RACHP	Specified Component	Industrial process refrigeration (not using chillers)	With 200 or more lb refrigerant charge excluding high temperature side of cascade system and temperature of the refrigerant entering the evaporator equal to or above -30 °C (-22 °F)	Tofu freezer

# RACHP Reporting Examples

Select from dropdown		Select from dropdown		Select from dropdown if shaded blue	Enter Data
Sector	Product or Specified Component	Subsector	Additional Subsector Information	Equipment Type (e.g., compressor) [optional]	
RACHP	Product	Vending machines	nding machines	dozen cases bottle holder	
RACHP	Specified Component	Motor vehicle air conditioning Refrigerated transport Remote automatic commercial ice machines Residential and light commercial air conditioning and heat pumps Residential dehumidifiers		dispensing Unit	
RACHP	Specified Component	Retail food - refrigerated food processing and dispensing equipment Retail food - refrigeration stand-alone units Retail food - remote condensing units		dispensing Unit	
RACHP	Product	Retail food - remote refrigerated food processing and dispensing equipment Retail food - supermarkets			
RACHP	Specified Component	Self-contained automatic commercial ice machines			
RACHP	Specified Component	Vending machines Chillers	existing fluid above -30 °C (-22 °F)	refrigerator	
RACHP	Specified Component	Industrial process refrigeration (not using chillers)	With 200 or more lb refrigerant charge excluding high temperature side of cascade system and temperature of the refrigerant entering the evaporator equal to or above -30 °C (-22 °F)	Tofu freezer	

# RACHP Reporting Examples Continued

<i>Enter Data</i>	<i>Enter data</i>	<i>Select from dropdown</i>	<i>Select from dropdown</i>
Additional Information [optional]	Charge Size (numeric; also includes holding charge or charge of zero, if applicable)	Charge Size Units	Identity of the HFC or HFC Blend Used or Intended for Use in Product or Specified Component
New Models	150	grams (g)	R-475A
Repair Only	8	pounds (lb)	R-410A
Repair Only	10	pounds (lb)	R-407C
Self-contained; need electrical and water connections	300	pounds (lb)	R-513A
oil-free centrifugal	2500	kilograms (kg)	HFC-32
Cooled water -15 °C	300	pounds (lb)	R-515B
Refrigerant -15 °C	300	pounds (lb)	R-471A

# RACHP Reporting Examples Continued

<i>Select from dropdown if shaded blue</i>	<i>Enter data if shaded blue</i>
Specified Component intended for use with multiple HFCs?	Intended Additional HFCs or HFC Blends for the Specified Component
No	
Yes	R-438A
No	
No	
No	

# RACHP Reporting Examples Continued

<i>Select from dropdown</i>	<i>Select from dropdown if shaded blue</i>	<i>Enter data if shaded blue</i>	<i>Select from dropdown if shaded blue</i>
Does the product or specified component include closed-cell foam containing a regulated substance?	Identity of the HFC or HFC Blend Used in Closed-Cell Foam	Mass of the Regulated Substance Used in Closed-Cell Foam	Unit of Measure for Mass of Regulated Substance Used in Closed-Cell Foam
Yes	HFC-152a	1.5	pounds (lb)
No			

# RACHP Reporting Examples Continued

<i>Enter data</i>		
<i>Enter data</i>		
<i>Enter data</i>		
Number of Units		
Domestically Manufactured (including products for export)	Imported	Exported
2,000	0	200
0	0	1
0	0	20
0	500	100
10	0	1
5	0	0
0	5	0

# Foams Reporting Examples

	<i>Select from dropdown</i>	<i>Enter Data</i>	<i>Select from dropdown</i>	<i>Select from dropdown</i>
Sector	Subsector	Additional Product Information [optional]	Is this a foam product or a foam blowing system?	Identity of the HFC or HFC Blend Used
Foam	Extruded polystyrene (XPS) boardstock and billet	XPS board with HFC/HFO blowing agent blend	Foam Product	HFC-152a
Foam	Rigid polyurethane one-component foam sealants		Foam Blowing System	HFC-152a
Foam	Rigid polyurethane commercial refrigeration and sandwich panels	sandwich panels	Foam Product	HFC-152a
Foam	Rigid polyurethane slabstock and other		Foam Blowing System	custom blend 1
Foam	Rigid polyurethane low pressure, two-component spray foam	low pressure spray foam kit	Foam Blowing System	custom blend 2

# Foams Reporting Examples Continued

	<i>Is this column Confidential Business Information (CBI)? (Select from dropdown)</i>		<i>Is this column Confidential Business Information (CBI)? (Select from dropdown)</i>		<i>Is this column Confidential Business Information (CBI)? (Select from dropdown)</i>	
<i>Select from dropdown</i>	<i>Enter data if shaded blue</i>	<i>Select from dropdown if shaded blue</i>	<i>Enter data if shaded blue</i>	<i>Select from dropdown if shaded blue</i>	<i>Enter data if shaded blue</i>	<i>Select from dropdown if shaded blue</i>
Do you want to report Mass or Density and Volume?	Mass of the Regulated Substance	Mass of Regulated Substance Units	Density of the Regulated Substance	Density of the Regulated Substance Units	Volume of Foam	Volume of Foam Units
Density and Volume			3.15	kg of regulated substance per cubic meter	10.00	cubic meters of foam
Mass	120.00	grams (g)				
Density and Volume			0.80	lb of regulated substance per cubic foot	1.20	cubic feet of foam
Mass	15.00	pounds (lb)				
Mass	6.00	pounds (lb)				

# Foams Reporting Examples Continued

<i>Is this column Confidential Business Information (CBI)? (Select from dropdown)</i>	<i>Is this column Confidential Business Information (CBI)? (Select from dropdown)</i>	<i>Is this column Confidential Business Information (CBI)? (Select from dropdown)</i>
Yes	Yes	Yes
<i>Enter data if shaded blue</i>	<i>Enter data if shaded blue</i>	<i>Enter data if shaded blue</i>
Number of Units		
Domestically Manufactured (including products for export)	Imported	Exported
1,000,000	0	50,000
20,000	1,000	4,000
8,000	0	2,000
2,000	0	100
220,000	20,000	40,000

# Aerosols Reporting Examples

<i>Select from dropdown</i>	<i>Select from dropdown</i>	<i>Enter data</i>	<i>Select from dropdown</i>	
Sector	Subsector	Additional Subsector Information	Additional Product Information [optional]	Identity of the HFC or HFC Blend Used
Aerosols	Consumer aerosol products	Consumer Aerosol	hairspray	HFC-152a
Aerosols	Technical aerosol products	Wound care sprays		HFC-134a
Aerosols				
Aerosols				

# Aerosols Reporting Examples Continued

<i>Enter data</i>	<i>Select from dropdown</i>	<i>Enter data</i>	<i>Enter data</i>	<i>Enter data</i>
<b>Mass of the Regulated Substance</b>	<b>Mass of the Regulated Substance Units</b>	<b>Number of Units</b>		
		<b>Domestically Manufactured (including products for export)</b>	<b>Imported</b>	<b>Exported</b>
10.00	grams (g)	1000	20000	822
8.00	ounces (oz)	10000	15555	450

# Other HFCs or Custom Blends

- Use tab 3 to report custom blends or HFCs not included in the dropdown lists.
- Example shown below for how to report a custom blend. Note that the blend must sum to 100%.

<i>Enter Data</i>	<i>Select from Dropdown</i>	<i>Enter data if shaded blue</i>	<i>Enter Data</i>
Name	Compound	Other Compound - Please Specify	Percent
Custom Blend 1	HFC-152a		50%
Custom Blend 1	HFC-245fa		30%
Custom Blend 1	Other	CO2	20%

# Creating & Uploading a Technology Transitions Report in HAWK

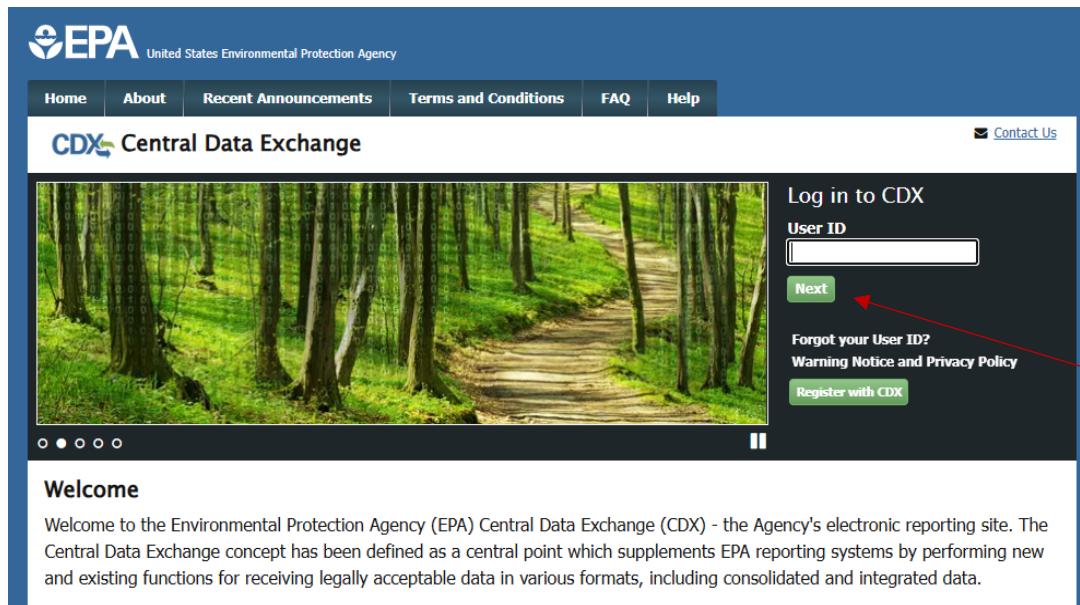
Steps for Generating and Submitting a Technology Transitions Report

# Creating & Uploading a Technology Transitions Report: Overview

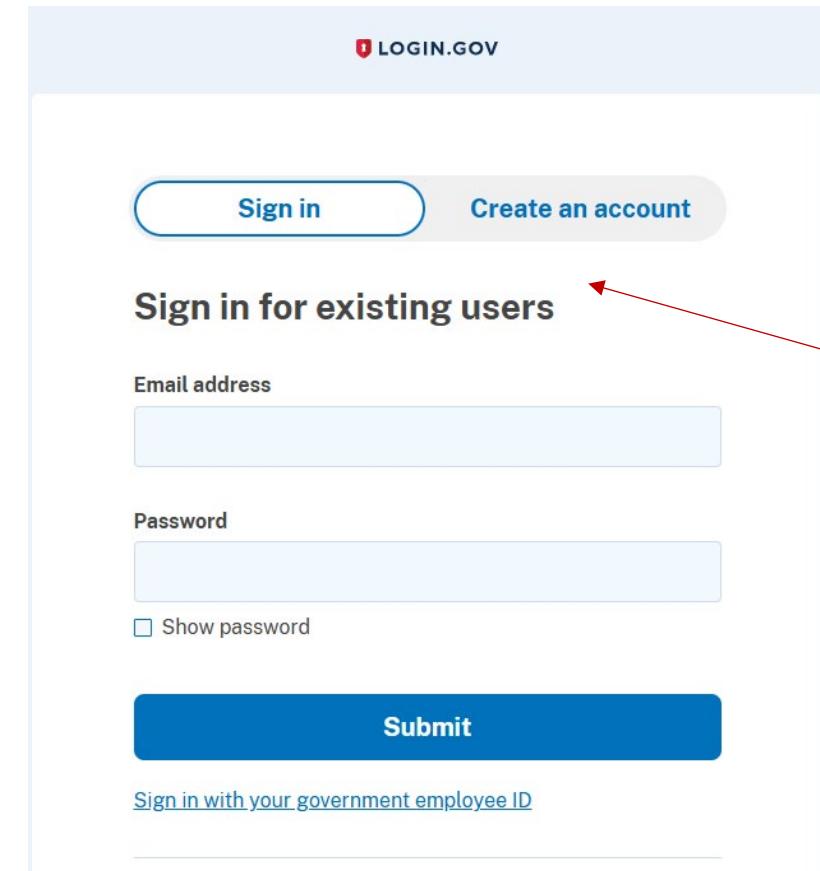
1. Access HAWK through [CDX](#).
2. Select Technology Transitions from the HAWK Landing Page.
3. Select Create Technology Transitions Report.
4. Electronically Sign & Submit Technology Transition Report.

# Step 1: Log into CDX

1. Enter your User ID.
2. CDX will redirect you to log into your Login.gov account.



The screenshot shows the EPA Central Data Exchange (CDX) homepage. At the top, there is a navigation bar with links for Home, About, Recent Announcements, Terms and Conditions, FAQ, and Help. Below the navigation bar, the text "CDX Central Data Exchange" is displayed. The main content area features a large image of a forest path. On the right side of the image, there is a "Log in to CDX" form. The form includes a "User ID" input field, a "Next" button, and links for "Forgot your User ID?", "Warning Notice and Privacy Policy", and "Register with CDX". A red arrow points from a red circle labeled "1" to the "User ID" input field.



The screenshot shows the Login.gov sign-in page. At the top, there is a header with the "LOGIN.GOV" logo. Below the header, there are two buttons: "Sign in" and "Create an account". The "Sign in" button is highlighted with a blue border. The main form area has the heading "Sign in for existing users". It includes fields for "Email address" and "Password", and a "Show password" checkbox. At the bottom, there is a "Submit" button and a link "Sign in with your government employee ID". A red arrow points from a red circle labeled "2" to the "Email address" input field.

## Step 2: Access HAWK

1. Click on the Role link for which you have registered. In this scenario, click on the “Company Representative” role link to access HAWK.

MyCDX    Inbox    My Profile    Role Sponsorship    Submission History    Payment History

Services		Manage
Status	Program Service Name	Role
	HFC-ODS-R: Hydrofluorocarbon and Ozone Depleting Substances Reporting	<a href="#">Company Representative</a>

CDX Service Availability

[See the status for all program services](#)

News and Updates

1

No news/updates.

Add Program Service    Manage Your Program Services

# Step 3: Program Selection

1. Company Representatives will be redirected to the HAWK Program Selection page.
2. Company Representatives select “Technology Transitions”.
3. Click the “Submit” button.

An official website of the United States government [Here's how you know](#)

**EPA** United States Environmental Protection Agency

**HAWK** Info & Data Advanced Tracking System

Home Submission History Account Management Help DEBSPDS20231101 (It's all Mine (GDIT Testing))

[Home](#) > [Acct Mgt](#) > [Select Programs](#)

## HAWK Program Selection

### Select Regulatory Program(s) for Reporting

Before you get started, please select the program(s) for reporting. You can update these in [Account Management](#) later as needed.

**Clean Air Act**

National Recycling and Emissions Reduction (Sec

**American Innovation and Manufacturing Act**

Technology Transitions (Subsection I) ⓘ

**Submit**

**Learn More About HAWK Programs**

Learn more about the programs using HAWK for reporting:

**Clean Air Act**

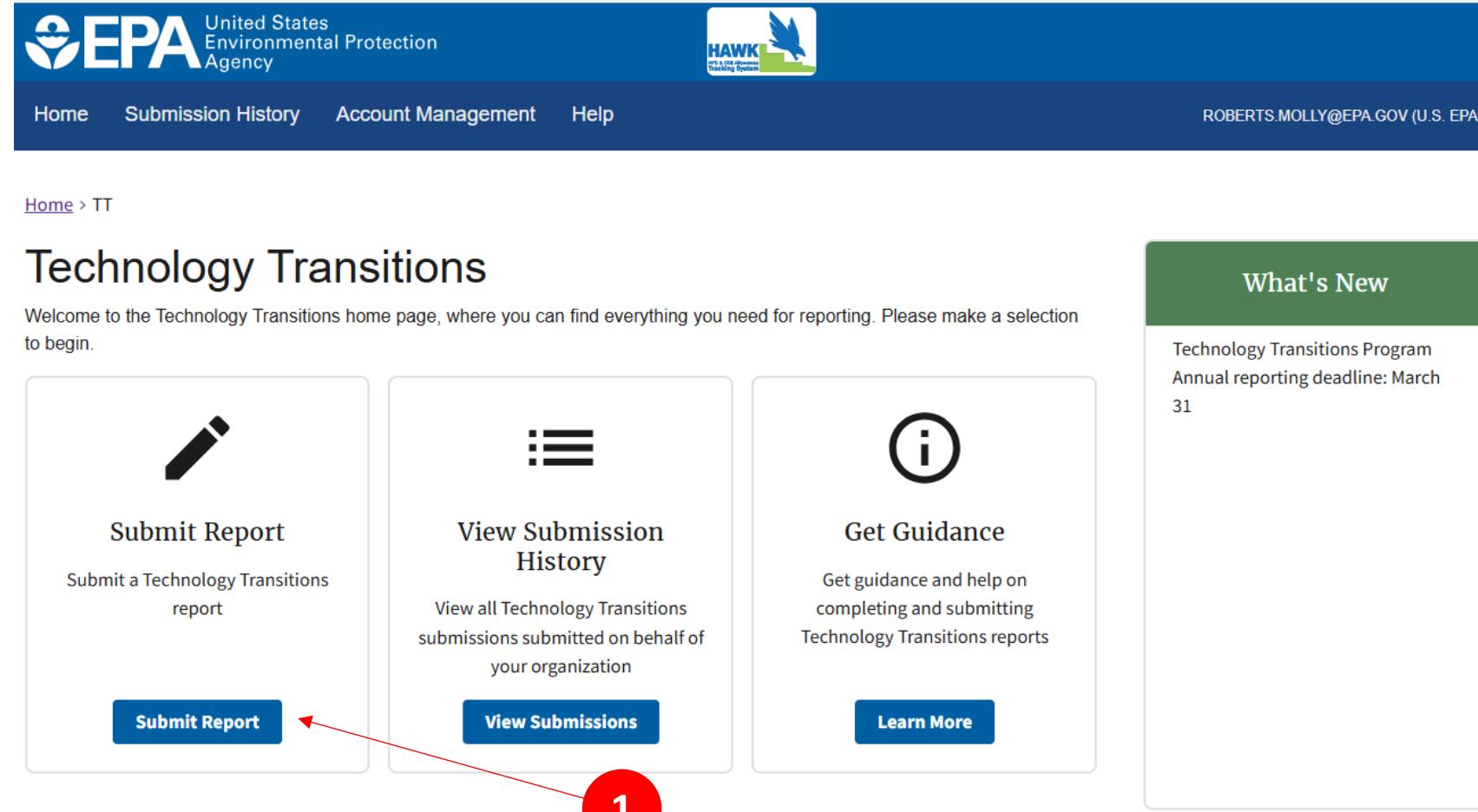
- [National Recycling and Emissions Reduction \(Section 608\)](#)

**American Innovation and Manufacturing Act**

- [Technology Transitions \(Subsection I\)](#)

# Step 4: Create a New Technology Transitions Report

1. You will be redirected to the HAWK homepage.
2. Click “Select” on the Technology Transitions tile.
3. Select “Submit Report”.



The screenshot shows the EPA HAWK homepage. At the top, the EPA logo and the HAWK logo (a blue bird with the text "HAWK" and "Hazardous Air Pollutant Tracking System") are visible. The navigation menu includes Home, Submission History, Account Management, and Help. On the right, an email address is listed: ROBERTS.MOLLY@EPA.GOV (U.S. EPA) ▾. A "What's New" sidebar on the right side of the page contains a section for the Technology Transitions Program, noting the annual reporting deadline is March 31. The main content area is titled "Technology Transitions" and includes three tiles: "Submit Report" (with a pencil icon), "View Submission History" (with a list icon), and "Get Guidance" (with an info icon). Each tile has a blue "Learn More" button at the bottom right. A red arrow points from a red circle with the number "1" to the "Submit Report" button.

# Step 5: Enter General Report Information

1. Select the reporting year.
2. Confirm organization/address are correct for this report.
3. Enter any additional organizational information that would assist EPA in their review.
  - e.g., recent acquisitions, merges, etc.
4. Select all relevant North American Industry Classification System (NAICS) codes. If you have more than one, select more than one from the dropdown.

1 Enter General Report Information    2 Enter Contact Information    3 Upload

1. Enter General Report Information  
Asterisk (\*) denotes required field.

Reporting Year \*  
Select Year

Organization Name  
Example Organization  
Update Incorrect Information

Street Address  
1234 Main Street

City  
Springfield

State  
AL

Zip/Postal Code  
12345

Additional Organizational Information

Applicable NAICS Code(s) \*  
Select NAICS Code

Cancel    Save & Continue

- 1: Points to the 'Select Year' dropdown under 'Reporting Year \*'.
- 2: Points to the 'Organization Name' and 'Address' fields.
- 3: Points to the 'Select NAICS Code' dropdown under 'Applicable NAICS Code(s) \*'.
- 4: Points to the 'Save & Continue' button at the bottom right.

# Step 6: Enter Contact Information

1. Confirm your Reporter Information is correct.
2. Reporter Information data points are pre-populated and based on CDX data; changes to Reporter Information must be done in CDX.
3. If there is another person who should be contacted about the content of this report, fill out the “Supplemental Contact Person” fields.

1 Enter General Report Information 2 Enter Contact Information 3 Upload Report File

2. Enter Contact Information

Asterisk (\*) denotes required field.

If your contact information is incorrect, please change that in CDX.

If there is another person who should be contacted about the content of this report, please enter their information below. If there is no other person, please Save & Continue.

Reporter Information

Reporter First Name: Jane  
Reporter Last Name: Doe  
Reporter Email Address: JD@jd.com  
Reporter Phone Number: 3000-9000-9000

Supplemental Contact Person (if necessary)

Supplemental Contact Person First Name: [empty]  
Supplemental Contact Person Last Name: [empty]  
Supplemental Contact Person Email Address: name@example.com  
Supplemental Contact Person Phone Number: 3000-9000-9000  
Supplemental Contact Person Fax Number: 3000-9000-9000

Back Save & Continue Cancel

# Step 7: Upload Report File

1. Upload your Technology Transition Reporting Form.
2. If there are any validation issues, the system will return the errors, identifying where and how to fix them.
3. If there are no validation issues, move to Step 4.

1 Enter General Report Information 2 Enter Contact Information 3 Upload Report File 4 Upload Supplemental File(s) 5 Review and Submit

**3. Upload Report File**  
Asterisk (\*) denotes required field.

Upload the Technology Transitions Report for the Reporting Year using the [required template](#).

**Report File Upload**  
Acceptable file types include: XLSX

File Name	File Format	Date Submitted	Action

Choose File No file chosen  
Upload File

Your report file [initialsubmission.xlsx](#) has missing required data in cell C45 in RACHP sheet and G25 in Aerosols sheet. Please fill out the required field and reupload your report file.  
Your report file [initialsubmission.xlsx](#) has a wrong data format entered in cell AB748 in sheet Foam. Please enter the correct format for the required field and reupload your report file.

File Name	File Format	Date Submitted	Action

**Report Errors**

File Name	Sheet Name	Cell Location	Error	Guidance
InitialSubmission.xlsx	RACHP	C45	Missing Required Data	Fill out required field
InitialSubmission.xlsx	Foam	AB748	Wrong Data Format	Mass of the Regulated Substance Used in Closed-Cell Foam must be numeric.
InitialSubmission.xlsx	Aerosols	G25	Missing Required Data	Fill out required field

Export

**HFC**  
PHASED DOWN  
American Innovation & Manufacturing (AIM) Act  
A U.S. Environmental Protection Agency Program

# Step 8: Upload Supplemental Files

1. If necessary, you may upload additional files to support the data in your report. This step is not required.



## 4. Upload Supplemental File(s)

**Supplemental File Upload**

If EPA requested additional information, please upload any supporting documentation here. Acceptable file types include: PDF, DOCX, DOC, XLS, XLSX, TXT, and CSV.

File Name	Date Added	Action

Choose File  No file chosen

Upload File

1

[Back](#)

[Cancel](#)

[Save & Continue](#)

# Step 9: Review and Submit

1. Review the submission information for accuracy before you electronically sign and submit.

1 Enter General Report Information 2 Enter Contact Information 3 Upload Report File 4 Upload Supplemental File(s) 5 Review and Submit

5. Review and Submit

To make any edits before submitting, please use the back button.

Report Overview	
Organization Name	Reporter First Name
Example Organization	Name Displayed
Street Address	Reporter Last Name
1234 Main Street	Name Displayed
City	Reporter Email Address
Springfield	Email Displayed
State	Reporter Phone Number
AL	Phone Number Displayed
Zip/Postal Code	Supplemental Contact Person First Name
12345	Name Displayed
Reporting Year	Supplemental Contact Person Last Name
2023	Name Displayed
Applicable NAICS Code(s)	Supplemental Contact Person Email Address
238220, 233333	Email Displayed
	Supplemental Contact Person Phone Number
	Phone Number Displayed

# Step 9: Review and Submit

1. You may also submit any notes that you want EPA to consider when reviewing your report.
2. If you need to make changes to the data, use the back buttons to update.
3. If no changes are needed, select the Sign & Submit button to electronically sign the report.

Reporter Notes ⓘ

Please add any additional comments EPA should know about this report (5000 character max).

1

2

3

Back

Cancel

Sign & Submit

# Viewing Submissions

Submitted reports can be viewed in HAWK & CDX

# Viewing Submissions in HAWK

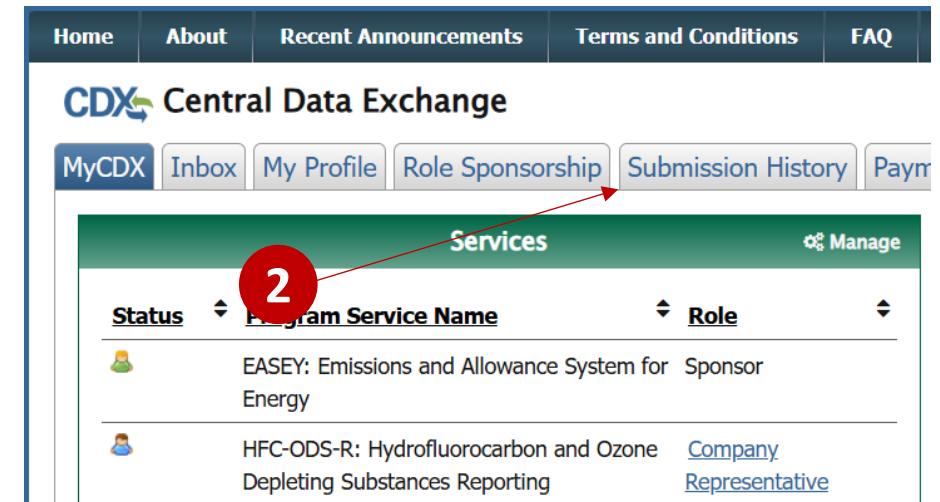
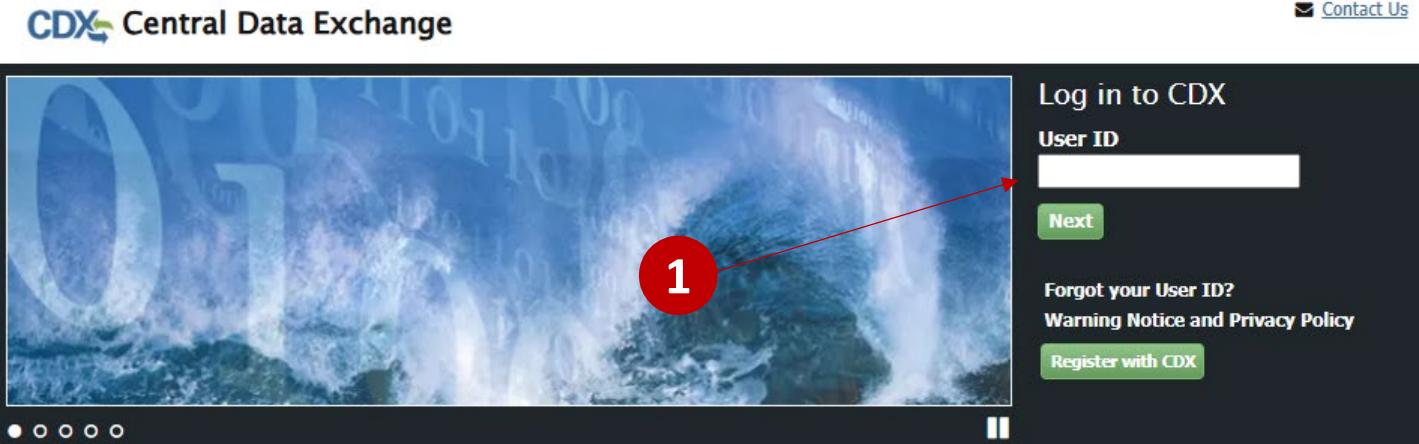
1. Using the Global Navigation Bar, select Submission History.
2. Using the filters, if needed, locate the report you want to view.
3. Select the Report Identifier to open the details of that report.

The screenshot shows the Submission History page of the EPA HAWK system. The top navigation bar includes links for HAWK Home, Technology Transitions, and Submission History. The Submission History link is highlighted with a red arrow and the number '1'. Below the navigation is a breadcrumb trail: SPDS > Submission History. The main content area is titled 'Submission History' and features a 'Filters' section with dropdowns for Report Identifier, Filter by Status, Filter by Regulation, Filter by Report Type, and Filter by Report Year. To the right are date range filters for 'Date Received Range' and 'Date of Status Change Range'. Below the filters is a table with columns: Report Identifier, Organization Name, Regulation, Report Type, Report Year, Reporting Period, Status, Date Received, and Date of Status Change. The first row in the table is circled in red and has a red arrow labeled '2' pointing to the 'Report Identifier' column. The 'Report Identifier' column for the first row contains the link 'TT AR 2024 1023', which is circled in red and has a red arrow labeled '3' pointing to it. The table also shows a second row with the report identifier 'TT AR 2023 1027'.

Report Identifier	Organization Name	Regulation	Report Type	Report Year	Reporting Period	Status	Date Received	Date of Status Change
<a href="#">TT AR 2024 1023</a>	U.S. EPA	Technology Transitions	Technology Transitions	2024	Annual	Submitted		2025-09-18, 12:17 PM
<a href="#">TT AR 2023 1027</a>	U.S. EPA	Technology Transitions	Technology Transitions	2023	Annual	Pre-Submission		2025-09-18, 12:22 PM

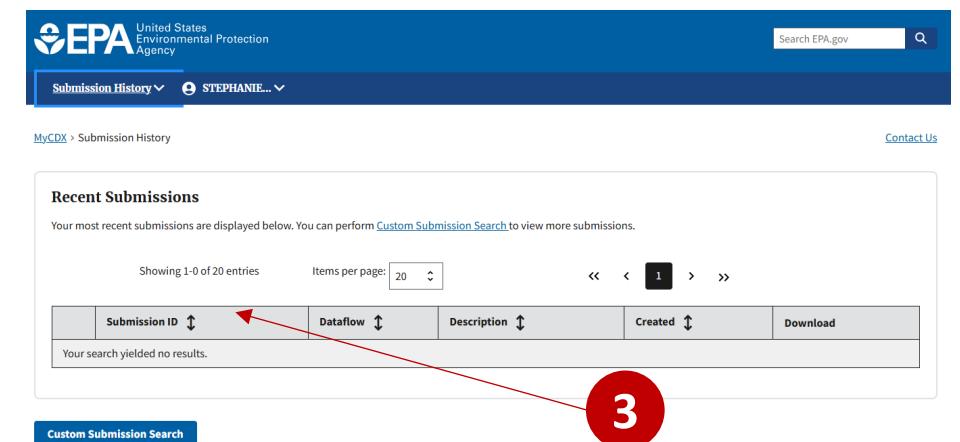
# Viewing Submitted Reports in CDX

1. Log into CDX.
2. Select the “Submission History” Tab.
3. View Recent Submissions or search for an older report.



The image shows the CDX Submission History page. At the top, there is a navigation bar with links for Home, About, Recent Announcements, Terms and Conditions, and FAQ. Below the navigation bar is the CDX logo and the text "Central Data Exchange". A red arrow points from the number "2" to the "Submission History" tab in the top navigation bar. The main content area has a green header bar with the word "Services" and a "Manage" button. Below the header, there are two entries in a table:

Program Service Name	Role
EASEY: Emissions and Allowance System for Energy	Sponsor
HFC-ODS-R: Hydrofluorocarbon and Ozone Depleting Substances Reporting	Company Representative



The image shows the EPA Submission History page. At the top, there is the EPA logo and the text "United States Environmental Protection Agency". A red arrow points from the number "3" to the "Submission History" tab in the top navigation bar. Below the navigation bar, there is a breadcrumb trail: "MyCDX > Submission History". The main content area is titled "Recent Submissions" and includes a message: "Your most recent submissions are displayed below. You can perform [Custom Submission Search](#) to view more submissions." Below this, there is a table with the following columns: "Submission ID", "Dataflow", "Description", "Created", and "Download". A red arrow points from the number "3" to the "Submission ID" column header.

# Resubmitting a Technology Transitions Report

What To Do If Your Report Is Returned

# Possible Reasons for Resubmission

Examples:

- Self-identified additional edits are necessary.
- EPA requested edits due to data discrepancies or other issues.

# Resubmitting a Report

If a report is returned, follow these steps:

1. Navigate to the Submission History section in HAWK.
2. Using the table filters/sorts, locate the report to resubmit.
3. Select the “Report Identifier” link (e.g., TT AR 2025 1001).

An official website of the United States government [Here's how you know](#)

**EPA** United States Environmental Protection Agency

HAWK Home Technology Transitions Submission History Example.User@Company.com

SPDS > Submission History

### Submission History

Filters									
Report Identifier	Filter by Status	Date Received Range	Date of Status Change Range						
Filter by Regulation	Filter by Report Type	YYYY-MM-DD Start Date	YYYY-MM-DD Start Date						
Filter by Report Year	Filter by Report Year	YYYY-MM-DD End Date	YYYY-MM-DD End Date						
<a href="#">TT AR 2024 1023</a>	U.S. EPA	Technology Transitions	Technology Transitions	2024	Annual	Submitted		2025-09-18, 12:17 PM	
<a href="#">TT AR 2023 1027</a>	U.S. EPA	Technology Transitions	Technology Transitions	2023	Annual	Pre-Submission		2025-09-18, 12:22 PM	

# Resubmitting a Report

1. Select “Edit Report” button on the top right.
2. Make the required changes.
3. Resign/Resubmit changes.

SPDS > Reporting > View

View Report : TT AR 2024 1012

Report Header	
Report Identifier	Reporting Year
TT AR 2024 1012	2024
Report Type	Reporting Period
Technology Transitions Report	Annual
	Current Status
	Submitted

1

Edit Report: TT AR 2024 1012

1 2 3 4

Enter General Report Information   Enter Contact Information   Upload Supplemental File(s)   Review and Submit

Review and Submit  
To edit, use back buttons to navigate back to section needing update.

Report Overview

Organization Name	Reporter First Name
Acme Test Inc	Stephanie
Street Address	Reporter Last Name
1234 5th St	Powers
City	Reporter Email Address
Testtown	stephanie.powers@gdt.com
State	Reporter Phone Number
DC	5402303617
Zip/Postal Code	Supplemental Contact Person First Name
12345	N/A
Reporting Year	Supplemental Contact Person Last Name
2024	N/A
Additional Organizational Information	Supplemental Contact Person Email Address
N/A	N/A
Applicable NAICS Code(s)	Supplemental Contact Person Phone Number
• 322299 - All Other Converted Paper Product Manufacturing	N/A

Attachments

File	Attachment Type	File Format	Date Added	Action

Reporter Notes (max 5000 characters)

Please add any additional comments EPA needs to know about this report.

Sign & Submit

2

# Getting Additional Help

More Resources

# Technology Transitions Program Resources

## Additional Resources

Technology Transitions website	<a href="#"><u>Technology Transitions Website</u></a>
2023 Technology Transitions Final rule fact sheet	<a href="#"><u>2023 Technology Transitions Final Rule Fact Sheet PDF</u></a>
Labeling fact sheet	<a href="#"><u>Labeling Fact Sheet PDF</u></a>
HFC restrictions and compliance dates by subsector	<a href="#"><u>Technology Transitions HFC Restrictions by Sector Website</u></a>
Frequently Asked Questions Webpage	<a href="#"><u>Frequently Asked Questions Webpage</u></a>

To receive emails about new resources and updates join our contact list by emailing [HFCTransitions@epa.gov](mailto:HFCTransitions@epa.gov).

# Getting Additional Help

- Help Documentation
  - User Guides (coming soon!)
  - Webinars
- Regulation
  - [Technology Transitions Webpage](#)
- Contact the Technology Transitions Team
  - [hfctransitions@epa.gov](mailto:hfctransitions@epa.gov)
- Reporting registration links
  - <https://cdx.epa.gov/>
  - <https://secure.login.gov/>

# Takeaways

- First annual report is due March 31, 2026.
- Reporting covers newly manufactured or imported products and specified components during calendar year 2025.
- Reports are due for all subsectors regardless of restriction dates.
- Registration is available now. Register early!
- Download reporting forms now to prepare, available at the Technology Transitions Webpage.
- Reach out to HFCTransitions@epa.gov if you have further questions.

# Q&A

Still have questions? Reach out to us!

[HFCTransitions@epa.gov](mailto:HFCTransitions@epa.gov)