Heavy-Duty Highway Trailers Verify Certification Module

Manufacturer Testing Information Meeting

June 7, 2017





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User Registration Process



Preparing to Use the Production System

- There are two parts to obtain access to Verify
 - Part 1: Company registration
 - Obtain a 3-character manufacturer code
 - Go to <u>https://www.epa.gov/vehicle-and-engine-</u> <u>certification/company-registration-verify-system</u> for instructions
 - Part 2: Account setup
 - Establish Verify users
 - Go to <u>https://www.epa.gov/vehicle-and-engine-certification/account-</u> <u>setup-verify-system</u> for instructions



Preparing to Use the Production System Certification Roles for Each Company

Functional Roles	Description
Company Authorizing Official (CAO)	Identifies, vouches for, and manages the "Verify Submitters" and "CROMERR Signers"
CROMERR Signer	Takes legal responsibility for all of the information used as the basis for a request for certificate
Verify Submitter (displayed as the Industry/Module name)	Submits certification and compliance information to Verify (not including certificate requests)
Additional Roles	Description
Maintain Manufacturer Information	Provide updates to industries, addresses, contacts, test labs and other manufacturer information
Upload Compliance Documents	Submit non-certification compliance documents



Preparing to Use the Production System Establish a Company Authorizing Official (CAO)

- To establish a CAO you must submit:
 - Sponsor letter for the Verify CAO
 - Electronic Signature Agreement (ESA) for the Verify CAO
 - Verify User Registration Information spreadsheet
- Links to templates can be found here:
 - CAO Sponsor letter: <u>https://www.epa.gov/vehicle-and-engine-</u> certification/sponsor-letter-verify-company-authorizing-official-cao
 - CAO ESA: <u>https://www.epa.gov/vehicle-and-engine-</u> certification/electronic-signature-agreement-esa-verify-companyauthorizing
 - User Registration Information: <u>https://www.epa.gov/vehicle-and-</u> engine-certification/information-spreadsheet-verify-user-registration



Preparing to Use the Production System Establish CROMERR Signer(s)

- To establish CROMERR signer(s)you must submit:
 - Sponsor letter signed by the CAO
 - Electronic Signature Agreement (ESA) for the CROMERR Signer
 - Verify User Registration Information spreadsheet
- Links to templates can be found here:
 - Sponsor letter: <u>https://www.epa.gov/vehicle-and-engine-</u> <u>certification/sponsor-letter-verify-submitter-and-cromerr-signer</u>
 - CROMERR Signer ESA: <u>https://www.epa.gov/vehicle-and-engine-</u> <u>certification/electronic-signature-agreement-esa-cromerr-signer</u>
 - User Registration Spreadsheet: <u>https://www.epa.gov/vehicle-and-</u> engine-certification/information-spreadsheet-verify-user-registration



Preparing to Use the Production System Establish Verify User(s)

- To establish Verify User(s) you must submit:
 - Sponsor letter
 - Signed by CAO to identify Verify Users
 - Verify User Registration Information spreadsheet
- Links to templates can be found here:
 - Verify User Sponsor Letter: <u>https://www.epa.gov/vehicle-and-engine-certification/sponsor-letter-verify-submitter-and-cromerr-signer</u>
 - User Registration Spreadsheet: <u>https://www.epa.gov/vehicle-and-engine-certification/information-spreadsheet-verify-user-registration</u>



- Use this check list as a guide when putting together your package
 - <u>https://www.epa.gov/vehicle-and-engine-certification/checklist-verify-registration-package</u>
- Mail complete hard-copy CROMERR documentation to: Verify Team c/o CGI Federal, Inc. 12601 Fair Lakes Circle Fairfax, VA 22033
- Once approved, each user will receive an email with instructions for finalizing their registration and a link to access their CDX accounts.
- Questions regarding registration can be sent to:
 <u>verifydpc@epacdx.net</u>



Submitting Certification Information



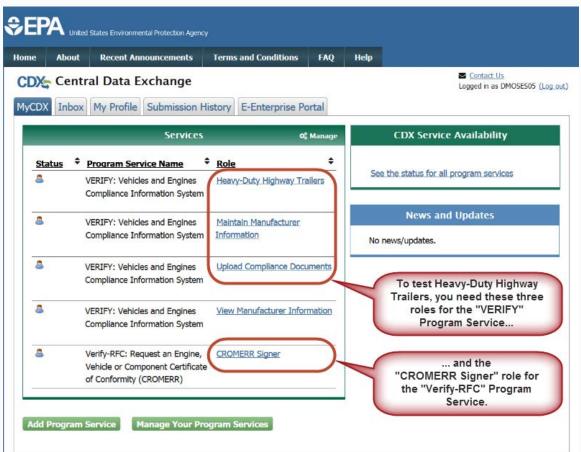
Logging into CDX

- To log in
 - For the production system, go to <u>http://cdx.epa.gov/</u>
 - Enter your User ID and Password
 - If you do not remember your User ID or Password click on the "Forgot your Password" or "Forgot your User ID" links below the login box.
 - If you are still unable to log into CDX, contact the CDX helpdesk at 888-890-1995 and tell them you are having issues with your CDX account.



MyCDX

 Once you are logged in, you will see the list of Roles you have for each Program Service.





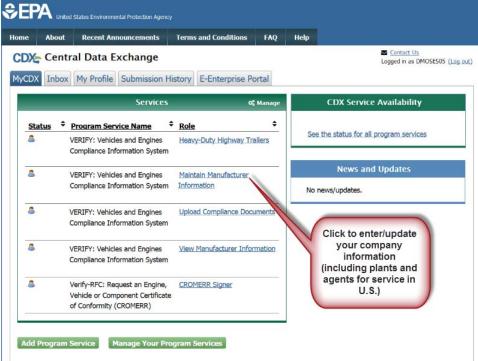
My CDX - Roles

- Roles
 - Maintain Manufacturer Information
 - Used to enter/update manufacturer contact information and test labs, and to specify contacts for each industry. Note that the information for Trailer Assembly Plant Name and Agent for Service in U.S. Name in the Heavy-Duty Highway Trailers certification module are linked to contacts and addresses provided in Maintain Manufacturer Information.
 - Heavy-Duty Highway Trailers
 - Used to enter Heavy-Duty Highway Trailers certification data and documents.
 - CROMERR Signer
 - Used to request a certificate through the Request for Certificate module.



Maintaining Manufacturer Information

 From your MyCDX page, click the "Maintain Manufacturer Information" role for the "VERIFY: Vehicles and Engines Compliance Information System" Program Service.





Maintaining Manufacturer Information Industries

• Ensure that you check "Heavy-Duty Highway Trailer"

Manufacture	er Addresses	Contact Information	Notification Emails	Test Labs	Divisions (Light- Duty Only)	Alternate Manufacturers	EPA Compliance Representatives		
	Manufacturer Information								
Manuf	acturer Full Company	Legal Name	Environmental Prote	ection Agency	Manufacture	er Code	EPA		
Industries*									
					of conformity from EPA.				
For each	selected industry, ple	ase include the	first model year you	expect to reque	st a certificate.				
	Aircraft								
	All Terrain Vehicle								
	Alternative Fuel Co	nverter (LDV/LD)T/HDV Chassis Cer	tified)					
	Complete Heavy-D	uty Highway Vel	hicle						
	Electric Motorcycle								
	Heavy-Duty Highwa	ay Clean Fuel Fl	leet						
	Heavy-Duty Highway Gas and Diesel Engines								
	Heavy-Duty Highwa	ay Evaporative							
	Heavy-Duty Highwa	ay Tractors & Vo	ocational Vehicles						
	Heavy-Duty Highwa	ay Trailer			First Model Ye	ar 2018	\sim		



Maintaining Manufacturer Information Addresses (1 of 3)

 Include all relevant addresses (e.g., company headquarters, test labs, manufacturing plants, etc.)

Manufacturer Addresses	Contact Notification Test Lab Information Emails Test Lab	Divisions (Light- Duty Only)	Alternate EPA Compliance Manufacturers Representatives
	Company Ad	dress Information	
Address #1			
Address Label *	Agent for Service in US	Example: Company	y Headquarters
Address, First Line *	2000 Traverwood		
Address, Second Line			
Address, Third Line			
Address, Fourth Line			
City *	Ann Arbor	Country *	United States V
State *	MI = Michigan 🗸	Zip Code *	48105
State/Province		Postal Code	
Active/Inactive Status *	Active ~		



Maintaining Manufacturer Information Addresses (2 of 3)

- All addresses entered will be available to be selected as trailer assembly plants on the General Information tab of the Heavy-Duty Highway Trailers certification module.
 - Only the Address Label will be displayed in the list.



Maintaining Manufacturer Information Addresses (3 of 3)

Address #7			
Address Label *	OTAQ DC Offices	Example: Company	Headquarters
Address, First Line *	1200 Pennsylvania Avenue NW		
Address, Second Line			
Address, Third Line			
Address, Fourth Line			
City *	Washington	Country *	United States
State *	DC = District of Columbia	Zip Code *	20004 ×
State/Province *		Postal Code *	
Active/Inactive Status *	Active ~		
	De	elete This New Address	
Add New Address on Ad	dress Tab		



Maintaining Manufacturer Information Company Contact Information (1 of 3)

• Company contacts, including a Program Manager, must be entered on this tab with the applicable industries selected for each contact

facturer Addresse	s Information Emails Test	Duty Only)	Manufacturers	Representatives
	Company	Contact Information		
pany Contact #1				
Prefix	Select \vee	Title		
First Name *	Karen	Middle Initial		
Last Name *	Danzeisen	Suffix	Select \vee	
Contact Role *	Compliance Representative - Employee	Contact Role, If Other		
Active/Inactive Status *	Active			
ontact Industry/Complia	nce Programs			
ontact Industry/Complian	Industry*	Compliance Program(s)* All Certification Confirmatory Test		Delete
	Industry*	All Certification Confirmatory Test	A J	Delete
	Industry*	All Certification Confirmatory Test	j U	Delete
5	Industry*	All Certification Confirmatory Test (s)	×	Delete
ontact Address/Phone In	Industry*	All Certification Confirmatory Test (s)	Phone Number*	Delete Phone Type*
ontact Address/Phone In	Industry* Select Add Additional Industry/Compliance Program formation NVFEL- Lab Building, 2565 Plymouth Rd, Add New Address on Address Tab	All Certification Confirmatory Test	7342144444	
ontact Address/Phone In Address *	Industry* Select Add Additional Industry/Compliance Program formation NVFEL- Lab Building, 2565 Plymouth Rd, / Add New Address on Address Tab ass * danzeisen.karen@epa.gov	All Certification Confirmatory Test		Phone Type*



Maintaining Manufacturer Information Company Contact Information (2 of 3)

- For each Heavy-Duty Highway Trailers contact, you must include the "Heavy-Duty Highway Trailers" industry in the "Contact Industry/Compliance Programs" section.
- Be sure to include your agents for service in the U.S. as contacts.
- All contacts entered with the "Heavy-Duty Highway Trailers" industry and "Certification" compliance program will be available to be selected as agents for service in the U.S. on the General Information tab of the Heavy-Duty Highway Trailers certification module. Only the first and last name will be displayed in the list.



Maintaining Manufacturer Information Company Contact Information (3 of 3)

Company Contact #7			
Prefix	Mr.	Title	Computer Scientist
First Name *	Darryl	Middle Initial	
Last Name *	Moses	Suffix	Select V
Contact Role *	Compliance Representative - Employee	Contact Role, If Other	
Active/Inactive Status *	Active ~		
Contact Industry/Compliance Progra	ims		
	Industry*	Compl	iance Program(s)*
	Heavy-Duty Highway Trailers		All Delete
	Add Additional Industry/Compliance Pro	ogram(s)	
Contact Address/Phone Information			
Address *	OTAQ DC Offices, 1310 L St, Washington, DC	\sim	
	Add New Address on Address Tab		Phone Number* Phone Type*
Primary Email Address *	moses.darryl@epa.gov		202-564-2000 Phone V Delete
Secondary Email Address			
	1	Delete This New Contact	



Maintaining Manufacturer Information Notification Email Addresses

• Set up users to receive notifications of specific types.

anufacturer	Addresses	Contact Information	Notification Emails	Test Labs	Divisions (Light- Duty Only)	Alternate Manufacturers	EPA Compliance Representatives
		В	roadcast Noti	fication En	nail Address Inforr	nation	
se this form to ir	ndicate to which en	nail addresses Verif	y should send broadca	st notifications.			
lotification Em	ail Address #1						
Notification E	mail Address *	anderso	on.tom@epa.gov		Email Notification Type *	Certit	fication Notifications
Industry * +		All Indu Heavy-I	stries Duty Highway Trailer				
Active/Inactiv	/e	Active	\checkmark				
Notification Email Notification E Industry * +	mail Address ★	All Indu	on.tom@epa.gov stries Duty Highway Trailer		Email Notification Type *	Confi	rmatory Test Notifications 🖂
Active/Inactiv	re	Active	\checkmark				
lotification Ema	ail Address #3						
Notification E	mail Address *	poirier.c	hristi@epa.gov		Email Notification Type *	Certi	fication Notifications \checkmark
		All Indu	stries Duty Highway Trailer				
Industry * +		Tiodayy-I	, , , ,	~			



Maintaining Manufacturer Information Test Labs

• Provide information about test labs.

Manufacturer Test Labs						
y Test Lab ID 1						
s this test lab owned by another No	\checkmark	Active/Inactive Status * Active				
Test Lab Description						
Test Lab Name \star	LOD					
Test Lab Address *	NVFEL- Lab Building, 2	2565 Plymouth Rd, Ann Arbor, MI				
	Add New Address					
High Altitude? *	No 🗸	Number of Analyst Sites *				
Number of Climate Chambers *	1	Number of Dynos/Sheds/Test Sites * 4				
Test Lab Reference						
EPA Manufacturer Code of the Test Lab		VERIFY Test Lab ID of the Test Lab				



Maintaining Manufacturer Information EPA Compliance Representatives

• View list of EPA Compliance Representatives for your industry/compliance programs.

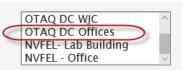
est Labs Divisions (Light- Duty Only)						
Assigned EPA Compliance Representatives						
ach of your Industry/Compliance Prog	rams					
Assigned E	PA Compliance	Representatives				
Name	Phone	Email				
Christi Poirier (Primary)	7 <u>34-214-</u> 4808	Poirier.Christi@epa.gov				
dbrayley (Primary)						
Sara Zaremski (Primary)	734-214- 4362	Zaremski.Sara@epa.gov				
Sara Zaremski (Alternate)	7 <u>34-214-</u> 4362	Zaremski.Sara@epa.gov				
Christi Poirier (Primary)	7 <u>34-214-</u> 4808	Poirier.Christi@epa.gov				
Sara Zaremski (Primary)	7 <u>34-214-</u> 4362	Zaremski.Sara@epa.gov				
Sara Zaremski (Alternate)	7 <u>34-214-</u> 4362	Zaremski.Sara@epa.gov				
Christi Poirier (Primary)	7 <u>34-214-</u> 4808	Poirier.Christi@epa.gov				
Sara Zaremski (Primary)	7 <u>34-214-</u> 4 <u>362</u>	Zaremski.Sara@epa.gov				
Sara Zaremski (Alternate)	7 <u>34-214-</u> 4362	Zaremski.Sara@epa.gov				
Christi Poirier (Primary)	<u>734-214-</u> 4808	Poirier.Christi@epa.gov				
Sara Zaremski (Primary)	734-214- 4362	Zaremski.Sara@epa.gov				
Sara Zaremski (Alternate)	734-214-	Zaremski.Sara@epa.gov				
	Duty Only Duty Only Compliance Represen Ich of your Industry/Compliance Prog Assigned E Name Christi Poirier (Primary) Gara Zaremski (Primary) Sara Zaremski (Primary)	Duty Only Manufa Compliance Representatives Ich of your Industry/Compliance Programs Assigned EPA Compliance Name Phone Christi Poirier (Primary) T34-214- 4808 dbrayley (Primary) T34-214- 4362 Sara Zaremski (Primary) T34-214- 4362 Christi Poirier (Primary) T34-214- 4362 Sara Zaremski (Alternate) T34-214- 4362 Sara Zaremski (Primary) T34-214- 4362 Sara Zaremski (Primary) T34-214- 4362 Sara Zaremski (Primary) T34-214- 4362 Sara Zaremski (Alternate) T34-214- 4362 Sara Zaremski (Primary) T34-214- 4362				



Maintaining Manufacturer Information Submitting Your Changes

- Once you have entered your trailer assembly plants and agents for service in the U.S., you may submit your information.
 - Click "Review and Submit".
 - Check your CDX Inbox to see if your submission has been accepted.
 - Once your submission has been accepted you should see the name of the plant(s) you added the "Trailer Assembly Plant Name" list and the name(s) of the contact(s) you added in the "Agent for Service in U.S." list on the General Information tab of the Heavy-Duty Highway Trailers certification module.

Trailer Assembly Plant Name*+ :



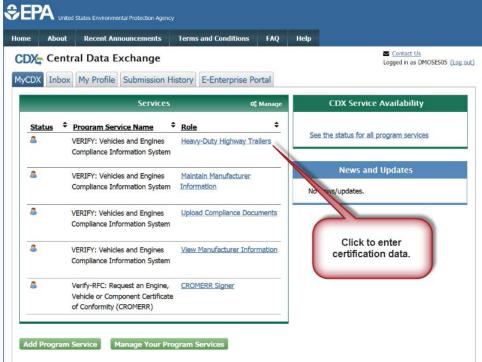
Agent for Service in U.S. Name* :





Submitting Certification Data

 From your MyCDX page, click the "Heavy-Duty Highway Trailers" role for the "VERIFY: Vehicles and Engines Compliance Information System" Program Service.





Submitting Certification Data Certification Home





Submitting Certification Data Certification Home Features

- Certification Information Submission
 - Start New Dataset
 - Used to manually enter your certification information for your trailer family.
 - Upload Existing Dataset
 - Used to open a previously saved certification dataset from your computer.
 - Submit Batch Dataset
 - Used to submit multiple certification submissions within a single XML file.
 - Request Dataset Report
 - Used to request a dataset report for a specific trailer family and model year.
 - Delete Dataset
 - Used to delete a dataset submission for a specific trailer family and model year.
- Upload Certification Documents
 - Used to submit certification documents.



Submitting Certification Data General Information (1 of 3)

Certification Information Submission

* or 🔹 = required field

+ = CTRL-click to select and deselect multiple values

General Information Compo	nent Information Emission De	termination	
General Information			
Manufacturer Code	EPA		
Process Code* :	Select \checkmark	Model Year* :	Select \checkmark
EPA Trailer Family Name* :		Are you a small business as defined in 1037.150(c)?* :	Select \checkmark
Running Change Type + :	FEL = FEL Update TIRE = Tire Update (Change, delete, c AERO = Aerodynamics Update TCE = Trailer Compliance Equation U WTRED = Weight Reduction Update DSC = Trailer Family Description Upd OFFTECH = Off-Cycle Technology Upd	pdate	
Field Edits/Changes/Corrections(10)	00 characters available)		
<			×
Trailer Family Subcategory* :	Select	\sim	
Are you combining dissimilar trailer s	ubcategories into a single family according t	0 Select 🗸	



Submitting Certification Data General Information (2 of 3)

Trailer Configuration #1				
+ Add				
Trailer Aerodynamic Category* :	Select	\checkmark	Trailer Length (ft)* :	
Trailer Climate Control Type :	Select \sim		Trailer Length Category* :	Select \vee
Rear Work Performing Equipment+ :	RLG = Rear lift gate RHR = Rear hinged RUD = Roll-up door	ramp	Side Work Performing Equipment+ :	SLG = Side lift gate SMP = Side-mounted pull-out platform SSD = Steps for side-door access DDD = Drop-deck design LBB = Long belly boxes
Delete				
Do you intend to use the averaging provisions of Part 1037 Subpart H? :	Select \vee			
Are you voluntarily participating in NHTSA 2018, 2019, or 2020? :	's compliance program	for Model Years	Select \checkmark	
Adjustable Parameter				
Does this trailer family contain any adjustable parameters?* :	Yes 🗸			
Parameter Name	•	Param	eter Range Description*	+ Add
				👼 Delete



Submitting Certification Data General Information (3 of 3)

Estimated Total U.S. Production Volume* : [Do you plan to use the Transitional Allowance under 1037.150(v)? :	Select \vee	
Production Start Date (MM/DD/YYYY)*: [Production End Date (MM/DD/YYYY)*:		
Are you a secondary trailer manufacturer as defined in 1037.620?* :	Select ∨	Original Trailer Manufacturer Name :		
Trade Nat	me of Trailers in Family*	+ Add		
		💼 Delete		
Trailer Family Comments (4000 characters a	available)			
K				~ ~ >
Trailer Assembly Plant Name*+ :	Agent for Service in US OTAQ AA Office Building OTAQ DC WJC OTAQ DC Offices	Agent for Service in U.S. Name* :	Select	~
Port-Import Information				
U.S. Port of Import - Name*	City*	State*		+ Add
		Select	<u>~</u>	Delete



Submitting Certification Data Component Information (1 of 3)

Certification Information Submission

- * or * = required field
- + = CTRL-click to select and deselect multiple values

General Information Compone	nt Information Emission Determination			
Emission Control Identifier*+ :	LRRA = Low rolling resistance tires (all, including trailers) TGRT = Gap reducing trailer fairing (tractor to trailer gap) TATS = Trailer aerodynamic side skirt TARF = Trailer aerodynamic rear fairing TAUD = Trailer aerodynamic underbody device ATI = Automatic tire inflation system TPMS = Tire pressure monitoring system WRTW = Weight-reducing trailer wheels WRTC = Weight-reducing trailer upper coupler plate WRTS = Weight-reducing trailer axle sub-frames WBSW = Wide-base single trailer tires with steel wheel WBLW = Wide-base single trailer tires with light-weight alur DWSW = Dual-wide trailer tires with steel wheel DWLW = Dual-wide trailer tires with aluminum wheel DWLW = Dual-wide trailer tires with light-weight alur	ninum alloy wheel		
Aerodynamic Improvement Device —				
Are any aerodynamic improvement devices used on this trailer family?* : Yes V Aerodynamic Improvement Device				
Aero	dynamic Improvement Device Name*	U.S. EPA Approval Number*	+ Add	
			Delete	
L				



Submitting Certification Data Component Information (2 of 3)

Fire Configuration					
Upload Tire Configurati	ons from a CSV File				
.ocal CSV File :		Browse	Upload Tire C	onfigurations from a CSV File	•
You can upload Tire Configurations for your Trailer Family from a properly formatted CSV file from your (manufacturer) workstation. WARNING: Tire Configurations uploaded from this file will replace any tire configurations you may have already entered!					
dd a new tire configur	ation or select a tire configuration to	edit.			
Selected *	Tire Manufacturer Pending Entry	Tire Model Pending Entry	Tire Size Pending Entry	Errors	Â
	rending Linty	Tending Entry	Tending Endy	🖍 Edit 🝵 Delete	•
+ Add Tire Configuration + Copy Tire Configuration Save Tire Configuration					
Fire Configuration Deta	ails				
Tire Manufacturer* :		Tire Crr (kg/metric ton)* :		
Tire Model* :		Tire Size	*]		
xle Configuration*+ :	S = Single D = Double T = Triple				
Wheel Weight Reduction Information					
Will wheel-related weigh claimed per 1037.520(e)					
	Wheel Type *	Wheel Mate	ial *	Number of Wheels * 🕂 Add	
Select	~	Select			ete



Submitting Certification Data Component Information (3 of 3)

Non Wheel Weight Reduction Information —

Will non-wheel related weight reduction be claimed per 1037.515(d)(2)?* :

Yes 🗸

	Non-Wheel Weight Reduction Technology*	+ Add
Select		Delete
Off-Cycle Technology		
s this trailer family using an approved off-cycle technology?* :	Yes 🗸	
Off-Cycle Technology #1		
Off-Cycle Technology ID* :	Off-Cycle Technology Name* :	
Off-Cycle Technology U.S. EPA Approval Number* :	Off-Cycle Technology Approval Date (MM/DD/YYYY)*:	
Off-Cycle Technology Improvement Type*	Select V	
Off-Cycle Improvement Factor* :	Off-Cycle Emission Rate Separate Credit Amount (g CO2/ton-mile)* :	
Off-Cycle Weight Reduction (lbs)* :	Off-Cycle Technology Projected Production Volume* :	
Off-Cycle Technology Description* :		
🗊 Delete		
+ Add		



Submitting Certification Data Emission Determination

Certification Information Submission

neral Information Component Inform	ation Emission Determinati	on	
D2 Trailer Configurations			
CO2 Trailer Configuration Type	Lowest Projected CO2 Trailer Configuration	Highest Projected CO2 Trailer Configuration	Highest Projected Sales Volume CO2 Trailer Configuration
Fire Crr (kg/metric ton)*			
Configuration Aerodynamic Improvement Indicator*	Select 🗸	Select \checkmark	Select \checkmark
Configuration Composite Delta CdA (m2)*			
Fotal Weight Reduction (lbs)*			
Fire Pressure System∗	Select 🗸	Select ~	Select \checkmark
Configuration Off-Cycle Improvement Factor*			
Off-Cycle Separate Credit Amount (g CO2/ton-mile)*			



Submitting Certification Data Submission Review (1 of 2)

HDT GHG Certification Information Review

If you need to make changes, click the "Return to Form" button. To submit the validated data set file to the EPA, click the "Submit" button.

General Information | Component Information | Emission Determination Information |

Submit 🔳			
General Information			
Manufacturer Code	EPA		
Process Code	N = New Submission	Model Year	2018
EPA Trailer Family Name	JEPA3TRLRDM1	Are you a small business as defined in 1037.150(c)?	N = No
Running Change Type			
Field Edits/Changes/Corrections			



Submitting Certification Data Submission Review (2 of 2)

Emission Determination Information

CO2 Trailer Configurations

CO2 Trailer Configuration Type	LP = Lowest Projected CO2 Trailer Configuration	HP = Highest Projected CO2 Trailer Configuration	HS = Highest Projected Sales Volume CO2 Trailer Configuration
Tire Crr (kg/metric ton)	6.6	5.5	4.4
Configuration Aerodynamic Improvement Indicator	Y = Yes	N = No	Y = Yes
Configuration Composite Delta CdA (m2)	2.2	0	1.1
Total Weight Reduction (lbs)	50	40	30
Tire Pressure System	ATIS = Automatic Tire Inflation System on all axles	TPMS = Tire Pressure Monitoring System on all axles	COMB = Combination ATIS and TPMS across all axles
Configuration Off-Cycle Improvement Factor	0.6780	0.5847	0.25
Off-Cycle Separate Credit Amount (g CO2/ton-mile)	80	70	60

Return to Form

Submit

You are in an encrypted secure session.



Submitting Certification Data Submission Confirmation

HDT GHG Certification Information Submission

Submission Summary				
Transaction ID	_def37e28-6c2f-4e1d-b0e3-d62592e58593			
Date	06/01/2017			
Manufacturer	EPA (EPA)			
Process Code	N			
Trailer Family Name	JEPA3TRLRDM1			
Model Year	2018			

Review

Upload Certification Documents

Return



MyCDX Inbox

 Contains notifications about whether your submission was received, accepted or rejected by Verify, and whether your certificate request was received, approved or denied by an EPA Certification Representative. Clicking on the sender of a specific message will give a summary of the processing report.

	CDX: Central Data Exchange MyCDX Inbox My Profile Submission History Click the sender to open the message.					
18 it	ems found; displaying 1 to	18.	Page 1 of 1			
	From \$	<u>Subject</u> \$	Received \$			
	Verify Administrator	"Submission Failed Due to XML schema validation errors. "	5/31/2017 7:54:08 PM			
	Verify Administrator	Submission Rejected. EPA HD Trailer Certification Dataset JEPA3TRLRDM1	5/31/2017 7:45:14 PM			
	Verify Administrator	Submission Rejected. EPA HD Trailer Certification Dataset JEPA3TRLRDM1	5/31/2017 6:40:50 PM			
	<u>Verify</u> <u>Administrator</u>	Certificate Request for EPA Engine Family JEPAN0.55DM1 Issued	5/8/2017 6:22:37 PM			
	<u>Verify</u> <u>Administrator</u>	Request for Certificate for JEPAN0.55DM1 Received	5/8/2017 6:21:48 PM			



MyCDX Inbox – Inbox Message

• Clicking on the "here" link within the message will take you to the status history of the submission.

CDX Central Data Exchange	Contact Us Logged in as DMOSES05 (Log out)
MyCDX Inbox My Profile Submission History E-Enterprise Portal	
Submission Rejected. EPA HD Trailer Certification Dataset JEPA3TRLRDM1	
From Verify Administrator	
Date 5/31/2017 7:45:14 PM	
Your recent HD Trailer Certification Dataset submission has been received by the EPA and actions on your part are required. A Submission Processing Report and any requested dat status history page. The status history page can be reached by clicking on the link near th The following is a summary of the processing report:	aset reports can be found on the
Total Datasets Submitted: 1 Accepted Datasets: 0 Rejected Datasets: 1 Click here to see the status history Transaction Identifier: b31e1be3-219b-4996-94c1-d197d9b47e25	
Click <u>here</u> to view the status history.	
Thank you for submitting your request to Verify via CDX.	
Back to Inbox Print Delete	



MyCDX Inbox – Status History (Rejected Dataset)

• Clicking the "SubmissionProcessingReport.xml" link opens the Submission Processing Report (SPR) which contains your data and transaction details.

The status of your submission is shown below: Submission Document Name: HeavyDutyHighwayTrailerGreenhouseGasSubmission.xml Transaction Id: b31e1be3-219b-4996-94c1-d197d9b47e25 Date Originally Submitted: 05/31/2017 Status History Description Date Status Your recent HD Trailer Certification Dataset submission has been received by the EPA and you will be notified if any additional actions on your part are required. A Submission Processing Report and any requested dataset reports can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message. Wed 05/31/2017 7:45 PM Completed The following is a summary of the processing report: Total Datasets Submitted: 1 Accepted Datasets: 0 Rejected Datasets: 1 Click this link to view Returned Documents the Submission SubmissionProcessingReport.xm Processing Report Back To Inbox



MyCDX Inbox – SPR (Rejected Dataset)

• Scroll to the "Transaction Status Details" section at the bottom of the file to see why your submission was rejected.

CO2 Trailer Configuration Details CO2 Trailer Configuration Type Identifier : HS Tire Rolling Resistance Coefficient Measure : 8.8 Configuration Aerodynamic Improvement Indicator : Y Configuration Composite Delta Aerodynamic Drag Value : 2.2 Configuration Aerodynamic Bin Level Identifier : 7 Delta Aerodynamic Drag Value : 1.8 Weight Reduction Measure : 10 Tire Pressure System Identifier : COMB Configuration Off Cycle Improvement Factor Value : 0.25 Off Cycle Separate Credit Amount Value : 8 ConfigurationCO2 Emission Rate Value : 12.4	This submission was rejected due to violation of business rules which are displayed here.
Transaction Status Details	
Transaction Status Identifier : REJECTED Transaction Message Text : HDT-BR067 - The Configuration CO2 Emissior (HDT-GRP-24) group with CO2 Trailer Configuration Type (HDT-18) equal to than or equal to the Configuration CO2 Emission Rate (HDT-26) calculated for Transaction Message Text : HDT-BR059 - Off-Cycle Improvement Factor ('LP' (Lowest Projected CO2 Trailer Configuration) must be less or all other CO2 Trailer Configuration Details (HDT-GRP-24) groups.

Submit Modify Date: 1496274088097



MyCDX Inbox – Status History (Accepted Dataset)

 If your submission is accepted, your Certification Summary Information (CSI) Report will also be available.

The status of your submission is shown below: Submission Document Name: <u>HeavyDutyHighwa</u> Transaction Id: _def37e28-6c2f-4e1 Date Originally Submitted: 06/01/207 Status History 	d-b0e3-d62592e5	
Date	Status	Description
Thu 06/01/2017 11:56 AM	Completed	Your recent HD Trailer Certification Dataset submission has been received by the EPA and you will be notified if any additional actions on your part are required. A Submission Processing Report and any requested dataset reports can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message. The following is a summary of the processing report: Total Datasets Submitted: 1 Accepted Datasets: 1 Rejected Datasets: 0
Returned Documents <u>CSI-JEPA3TRLRDM1.pdf</u> <u>SubmissionProcessingReport.xml</u>		Click this link to view your CSI Report.
		Back To Inbox



MyCDX Inbox - CSI Report

 The CSI Report contains a summary of all the certification information you submitted including values calculated by Verify, standards selected, and pass/fail evaluations of emissions results and design specifications.

Manufacturer	Environmental Protection Agency	Manufacturer Code	EPA
Trailer Family	JEPA3TRLRDM1	Manufacturer Code Model Vear	2018
Certificate Number	N/A	Model Tear	2018
Certificate Issue Date	N/A	Certificate Effective Date	N/A
Certificate Essue Date	N/A N/A	Certificate Revision Number	N/A N/A
General Information	NA .	Certificate Revision Authori	ha
Trailer Family	TEPA3TRI.RDMI	CSI Type	New Submission
Are you a small business as defined in 1037.105(c)?	No	ou ijp	
Running Change Type(s)			
Field Edits/Changes/Corrections			
-		Are you combining dissimilar trailer subcategories into a single family according to	
Trailer Family Subcategory	Full-aero long box refrigerated van	1037.230(d)(3)?	No
Trailer Configuration			
Trailer Configuration #1			
Trailer Aerodynamic Category	Full-aero Box	Trailer Length (ft)	55
Trailer Climate Control Type	Refrigerated	Trailer Length Category	Long Box
Rear Work Performing Equipment	Rear lift gate		
Side Work Performing Equipment	Side lift gate		
Trailer Configuration CO2 Emission Standard (g/ton-mile)	83.0		
Are you voluntarily participating in NHTSA's			
compliance program for Model Years 2018, 2019, or 2020?			
2019, or 2020?	No		
Adjustable Parameter			
Does this trailer family contain any adjustable parameters?	e Yes		
Parameter Name		Parameter Range Description	
MYPARAMI		This is my first parameter.	
MYPARAM2		This is my second parameter!	
Trailer Family CO2 Emission Standard (g/ton-mile)	83.0		
Estimated Total U.S. Production Volume	2000	Do you plan to use the Transitional Allowance under 1037.150(v)?	No
Production Start Date (MM/DD/YYYY)	01/01/2018	Production End Date (MM/DD/YYYY)	05/31/2018
Are you a secondary trailer manufacturer as defined in 1037.620?	No	Original Trailer Manufacturer Name	-
Trade Name of Trailers in Family			



Uploading Certification Documents

- Required Certification Documents
 - Averaging Credit Projection Report
 - (Averaging Program only)
 - Maintenance Instructions
 - Sample Label Language
 - Secondary Trailer Manufacturer Information
 - (If applicable)
 - Tire Crr Statement
 - Warranty Statement



Uploading Certification Documents

 To upload your certification documents, use the "Upload Certification Documents" link on the Heavy-Duty Highway Trailers home screen.





Uploading Certification Documents

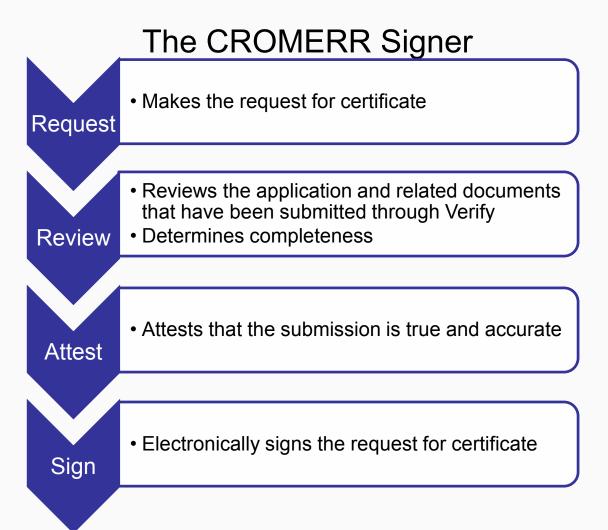
Jpload Heavy-Duty Highv	way Trailers Certification Documents	
or * = required field		? Help
= CTRL-click to select and deselect mult	iple values	incip
Use this page to submit your files at a time. Please create individual ZIP	r documents pertaining to general data or specific Trailer Family data. You can upload mu files for larger files.	ltiple
Document Applicability* :	Select ~	
Trailer Family :		
Model Year*+ :	2022 ^ 2021 2020 ~	
Due to memory and file size	constraints the total size of all the files to be uploaded should not exceed 100MB.	
Document #1		
Delete		
Document Type* :	Select ~	
Confidentiality Status*:	Select \vee	
Local File* :	Browse	
+ Add		
	Review 8	k Submit



Requesting a Certificate



CROMERR Signer Role in Request for Certificate Module





Prerequisites for Requesting a Certificate

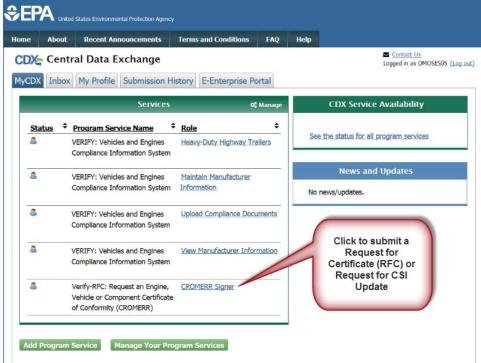
- Trailer Family Dataset for the family being certified must have been accepted by the system.
- All of the required documents must have been submitted.
- User must have the "CROMERR Signer" role for the "Verify-RFC: Request an Engine, Vehicle or Component Certificate of Conformity" Program Service.



Using the Request for Certificate (RFC) Module

 From your MyCDX page, click the "CROMERR Signer" role for the "Verify-RFC: Request an Engine, Vehicle or Component Certificate of Conformity (CROMERR)"

Program Service.





Process Codes

- Request for New Certificate
 - Request a certificate for a trailer family that has not previously been certified.
- Request for Revised Certificate
 - Request a revised certificate for a certified trailer family where the information on the certificate has changed.
- Request for CSI Update
 - Request a Certificate Summary Information (CSI) update for a certified trailer family where updates have been made to the trailer family dataset and/or certification documents. This option should only be selected when nothing on the certificate changes.
- Delete Request for Certificate
 - Delete a request for a certificate for a trailer family that has not been certified.

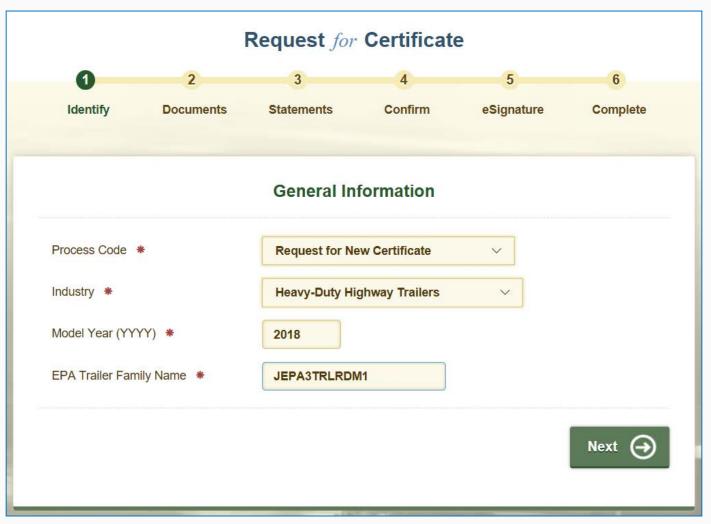


Submitting an RFC

- Submitting an RFC (which includes *Request for New Certificate* and *Request for Revised Certificate*) follows a six-step process:
- Note:
 - To submit a *Request for Revised Certificate*, the family must already be certified, and an issued certificate must exist in Verify for the family.



Submitting an RFC (1 of 9)





Submitting an RFC (2 of 9)

 If you have any validation errors they will be displayed at the top of each screen.

	General Information	
 Please correct the following error Error: Input validation failed! Please enter a valid 12-character 		×
Process Code *	Request for New Certificate <	
Industry *	Heavy-Duty Highway Trailers	~
Model Year (YYYY) *	2018	
EPA Trailer Family Name *	JEPA3TRLRDM	
		Next 🔿



Submitting an RFC (3 of 9)

• The system presents a list of all documents associated with the trailer family you are certifying (including those generally applicable to all families within a model year).

F	ile Name 🔺	Document Title 🔺	Document Type 🔺	Date 🔺
	HD Trailers General Applicability EPA Warranty.txt	EPA General Applicability Compliance Document Data	Warranty Statement	06/01/2017
	HD Trailers General Applicability EPA Secondary MFR.txt	EPA General Applicability Compliance Document Data	Secondary Trailer Manufacturer Information	06/01/2017
	HD Trailers General Applicability EPA Tire Crr.txt	EPA General Applicability Compliance Document Data	Tire Crr Statement	06/01/2017
ŀ	HD Trailers General Applicability EPA ABT.txt	EPA General Applicability Compliance Document Data	Averaging Credit Projection Report	06/01/2017
	HD Trailers General Applicability EPA Naintenance.txt	EPA General Applicability Compliance Document Data	Maintenance Instructions	06/01/2017
	HD Trailers General Applicability EPA Sample Label Lang.txt	EPA General Applicability Compliance Document Data	Sample Label Language	06/01/2017
9 (CSI-JEPA3TRLRDM1.pdf	CSI-JEPA3TRLRDM1.pdf	CSI Report	06/01/2017



Submitting an RFC (4 of 9)

 Select one of each of the required document types and any additional documents applicable to the trailer family. If you have multiple versions of a document, make sure you are choosing the correct version.

	File Name 🔺	Document Title 🔺	Document Type 🔺	Date 🔺
2	HD Trailers General Applicability EPA Warranty.txt	EPA General Applicability Compliance Document Data	Warranty Statement	06/01/2017
0	HD Trailers General Applicability EPA Secondary MFR.txt	EPA General Applicability Compliance Document Data	Secondary Trailer Manufacturer Information	06/01/2017
0	HD Trailers General Applicability EPA Tire Crr.txt	EPA General Applicability Compliance Document Data	Tire Crr Statement	06/01/2017
0	HD Trailers General Applicability EPA ABT.txt	EPA General Applicability Compliance Document Data	Averaging Credit Projection Report	06/01/2017
0	HD Trailers General Applicability EPA Maintenance.txt	EPA General Applicability Compliance Document Data	Maintenance Instructions	06/01/2017
D	HD Trailers General Applicability EPA Sample Label Lang.txt	EPA General Applicability Compliance Document Data	Sample Label Language	06/01/2017
0	CSI-JEPA3TRLRDM1.pdf	CSI-JEPA3TRLRDM1.pdf	CSI Report	06/01/2017



Submitting an RFC (5 of 9)

• Provide the Introduction into Commerce Date, agree to the compliance statement, and click the "Review" button.

		I	Request for	Certificat	e		
			3	4	5	6	
	Identify	Documents	Statements	Confirm	eSignature	Complete	
+ Review	v Industry Informat	ion					Show +
+ Review	v Certification Docu	uments					Show +
			Certification	Statements			
1. Introductio	on to Commerce Date	*				06/01/2018	
	tionally certify that this t ents of its corresponding					I Agree	
€ ва	ack					Re	view 🕣



Submitting an RFC (6 of 9)

• Review the information you provided. If you are satisfied with your information, click the "Sign & Submit" button.

Review Industry Information				Hide
Process Code		ustry		
Request for New Certificate	He	avy-Duty Highway Trailers		
Model Year 2018		A Trailer Family Name PA3TRLRDM1		
2010	JL			
Review Certification Docume	ents			Hide
File Name	Document Title	Туре	Date	
HD Trailers General Applicabi lity EPA Warranty.txt	EPA General Applicability Complia Document Data	nce Warranty Statement	06/01/2017	
HD Trailers General Applicabi lity EPA Secondary MFR.txt	EPA General Applicability Complia Document Data	nce Secondary Trailer Manufacturer Information	06/01/2017	
HD Trailers General Applicabi lity EPA Tire Crr.txt	EPA General Applicability Complia Document Data	nce Tire Crr Statement	06/01/2017	
HD Trailers General Applicabi lity EPA ABT.txt	EPA General Applicability Complia Document Data	nce Averaging Credit Projectio Report	n 06/01/2017	
HD Trailers General Applicabi lity EPA Maintenance.txt	EPA General Applicability Complia Document Data	nce Maintenance Instructions	06/01/2017	
HD Trailers General Applicabi lity EPA Sample Label Lang.tx t		nce Sample Label Language	06/01/2017	
CSI-JEPA3TRLRDM1.pdf	CSI-JEPA3TRLRDM1.pdf	C SI Report	06/01/2017	
Review Certification Stateme	ents			Hide
1. Introduction to Commerce Dat	e		06/01/2018	
	is test group/engine family/vehicle fam rresponding part, other referenced par		I Agree	
Back			Sign & S	



 $oldsymbol{\mathbb{B}}$

Submitting an RFC (7 of 9)

• Read the CROMERR Electronic Signature page, and click the "Accept" button to continue.

> I certify, under penalty of law that the information provided in this document is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.





Submitting an RFC (8 of 9)

 You will need to provide your CDX password and answer one of your secret questions to sign your certification package. Provide the necessary information, and click the "Sign" button.

Velcome Darryl Moses	Correct Answer		
MOSES05 assword:	Answer:		
og into CDX ser:	Question: Who is your favorite author?	Sign	
. Authentication	2. Verification	3. Sign File	



Submitting an RFC (9 of 9)

• You will receive a summary of your submission once you complete the process.

		⊘ Complete		
	Your Request fo	or Certificate has been submitted to EPA.		
lf yo	If you have any questions, please contact EPA at (<u>888) 890-1995</u> or email evcishelpdesk@epacdx.net Please check your MyCDX Inbox for a message indicating that Verify has accepted your submission.			
Ple				
	Submission Summary			
	Date	06/01/2017		
	Process Code	Request for New Certificate		
	Industry	Heavy-Duty Highway Trailers		
	EPA Trailer Family Name	JEPA3TRLRDM1		
	Model Year	2018		
	CROMERR Activity ID	_6c489852-502e-4246-a065-4b102e4f99a8		
	CROMERR Document ID	5ddb59e3-ea52-452f-976d-e8a4ffd8396b		
	Transaction ID	_f04ca36f-c04f-4a45-85e5-934a9e15dc40		



Submitting an RUC

- Submitting a *Request for CSI Update (RUC)* follows the same six-step process as submitting an RFC.
- Note:
 - The family must already be certified, and an issued certificate must exist in Verify for the family.
 - The system does not detect whether or not information on the certificate has changed. If you are unsure about whether or not you need a new certificate, work with your EPA Certification Representative.

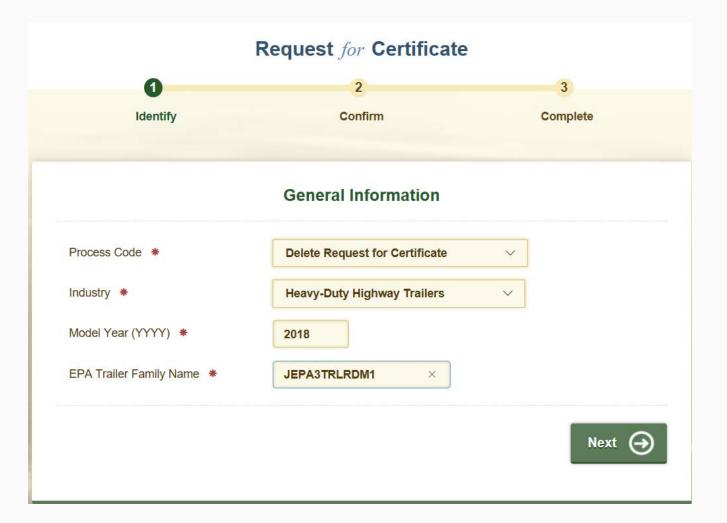


Deleting a Pending Request (1 of 4)

- Deleting an RFC/RUC follows a three-step process and can only be performed on a pending request.
- A pending request is one that has been submitted and that EPA has not taken any action on.

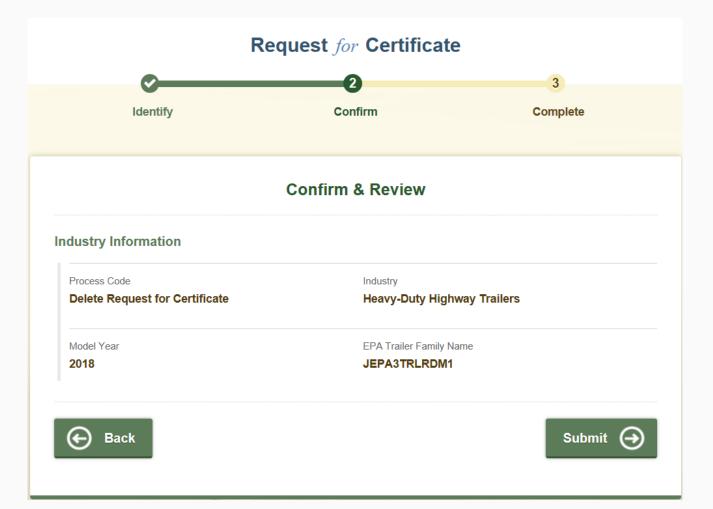


Deleting a Pending Request (2 of 4)





Deleting a Pending Request (3 of 4)



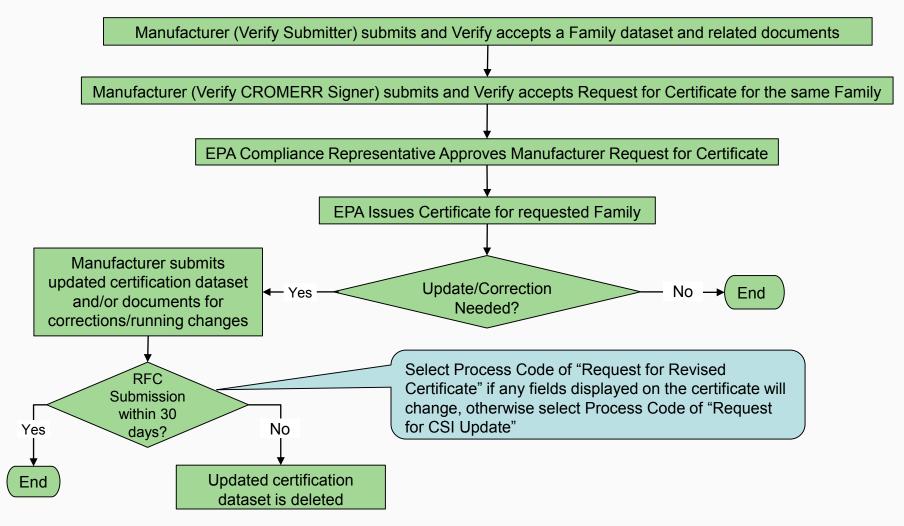


Deleting a Pending Request (4 of 4)

	tact EPA at (888) 890-1995 or email evcishelpdesk@epacdx.net		
Please check your MyCDX Inbox for a			
Thease shock your myobx mbox for a	a message indicating that Verify has accepted your submission.		
Si	Submission Summary		
Date	06/05/2017		
Process Code	Delete Request for Certificate		
Industry	Heavy-Duty Highway Trailers		
EPA Trailer Family Name	JEPA3TRLRDM1		
Model Year	2018		
Transaction ID	_ec539b7f-ef75-42b5-bada-2560b0d917bf		



Verify Certification Process Overview





Expiration of Pending Datasets

- You will receive warning notifications after 15, 20, and 25 days of inactivity.
- To prevent expiration of a pending dataset, then within the 30-day window, either—
 - Submit updates to your family dataset; or
 - Submit the RFC/RUC for the family.
- It is recommended to save copies of your datasets locally so that you have records of your submissions.



Testing & Deployment Information



Preparing to Test in Staging

Establish Verify User(s) for Testing

- Submit a Verify User Registration Information spreadsheet to <u>verify@epa.gov</u> by Tuesday, June 13, 2017 that includes all of your testers.
 - Email Subject: Heavy-Duty Trailers System Testing
 - User Registration Information template located at: <u>https://www.epa.gov/vehicle-and-engine-</u> <u>certification/information-spreadsheet-verify-user-</u> <u>registration</u>
 - Include the "Heavy-Duty Trailers" role for all users.
 - Include at least one "CROMERR Signer" role to test the Request for Certificate process.



Preparing to Test in Staging

Complete User Registration for Test Account

- EPA will create the user accounts and assign your company's 3-character manufacturer code (if you do not already have one).
- Each individual user will receive an email from CDX once his/her user account has been created with the appropriate roles.
 - Use the Customer Retrieval Key (CRK) in the email to finish creating your CDX Test account.



Logging into CDX for Testing

- To log in
 - For testing, go to <u>http://test.epacdx.net/</u>
 - Enter your User ID and Password
 - If you do not remember your User ID or Password click on the "Forgot your Password" or "Forgot your User ID" links below the login box.
 - If you are still unable to log into CDX, contact the CDX helpdesk at 888-890-1995 and tell them you are having issues with your CDX Test account.



Verify Manufacturer Testing Information Dates

- Testing period is June 15, 2017 June 30, 2017
- Follow-up meetings to discuss any issues/questions will be held on
 - Wednesday, June 21 at 2PM ET.
 - Tuesday, June 27 at 2PM ET.
- One Staging deployment is scheduled during the testing period. The system will be unavailable on Wednesday, June 28 after 5PM ET.



Verify Manufacturer Testing Information Issue Tracker Meeting Logistics

- Webinar & Call-in Information
 - <u>https://epawebconferencing.acms.com/hdtrailer/</u>
 - Login: [Enter as a Guest]
 - Call-in Information
 - Call-in Number: 866-299-3188
 - Conference Code: 7342144704#



Verify Manufacturer Testing Information Issue Trackers

- Record any issues you find on the provided issue tracker spreadsheet.
- We prefer to receive issue trackers daily so we can review any issues, however, issue trackers are due at the latest by 3PM ET on:
 - Tuesday, June 20, 2017
 - Monday, June 26, 2017
- Send issue trackers to <u>verify@epa.gov</u>, and copy your EPA Compliance Representative.
- If you have any problems during testing, contact your EPA Compliance Representative.



Production Deployment Information

- The Heavy-Duty Trailers Certification module will be deployed to production on Friday, July 28, 2017.
- The system will be available to manufacturers starting Monday, July 31, 2017.



Questions



Appendix A – Certification Support Documentation



Certification Support Documentation

 Documentation for Heavy-Duty Highway Trailers will be available at

https://www.epa.gov/vehicle-and-enginecertification/certification-heavy-duty-hd-commercial-trucks-andbuses-and-onroad

- Issue Tracker
- MFR Testing Information Meeting Presentation
- Data Requirements
- Business Rules
- XML Schema
- Tire Configuration CSV Template



Appendix B – Manufacturer Interface Functionality



Manufacturer Interface Functionality

- Dynamic controls
 - Allows certain data elements or groups to be grayed out or to appear when certain questions are answered.
- Required fields
 - Denotes fields that are always required. These fields are denoted with a red asterisk (*).
- Select multiple values
 - Denotes fields where you can select all applicable values by holding CTRL and clicking. These fields are denoted with a blue plus sign (+).
- Save Form
 - Allows you to save a submission to your hard drive. You can save either a complete or partial submission.
- Review & Submit
 - Allows you to review your submission for any errors. Once the errors have been corrected, you can submit your data.
- CDX Inbox
 - Contains information about whether your submission was received, accepted or rejected and whether your certificate request was received, approved or denied.