



Agenda

- 2/9 Production Release
 - PDF update for Remote Signer
 - PPC Correction Requests Enhancements
- 2/21 Preprod Release
 - Setting up Automated Testing
- Did you know?
 - PCB Rule Changes, February 26
- Upcoming Development
 - Login.gov
 - Agency goal of coming this fiscal year, late summer
 - Beginning initial development
 - Should not affect API IDs and Keys but the accounts that own them will need to be migrated to Login.gov
- Manifest Data Findings
 - Biennial Report 10% Shipped validation
- Electronic Manifesting Updates
 - If interested in discussing electronic manifesting, reach out Markley.Kyle@epa.gov
- User Submitted Questions
- Questions

PATCH /api/v1/emanifest/manifest/patch-update/{manifestTrackingNumber} patch-update

Parameters

Parameter	Value	Description	Parameter Type	Data Type
manifestTrackingNumber	<input type="text" value="(required)"/>		path	string
body	<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>		body	Model Example Value <pre>{}</pre>

Parameter content type:

Response Messages

HTTP Status Code	Reason	Response Model	Headers
default	successful operation		

[Try it out!](#)

PATCH /api/v1/emanifest/manifest/patch-correct/{manifestTrackingNumber} patch-correct

Parameters

Parameter	Value	Description	Parameter Type	Data Type
manifestTrackingNumber	<input type="text" value="(required)"/>		path	string
body	<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>		body	Model Example Value <pre>{}</pre>

Parameter content type:

Response Messages

HTTP Status Code	Reason	Response Model	Headers
default	successful operation		

[Try it out!](#)

[Manifests Awaiting CROMERR Signature 31](#)
[Manifests Awaiting Quick Signature 7](#)

Sign Manifests

In the table below, select a single or multiple manifests and click the "Quick Sign" button. To review before signing, select the appropriate icons to view the scanned paper manifest image (if available) or complete data record.

Filter Manifests

Enter one or more manifest tracking numbers separated by a space or comma

Available For Quick Signature

Outgoing: 2

Transporting: 1

Incoming: 4

Add a Printed Signer to all selected manifests?

Printed/Typed Name

Printed/Typed Date

View: ▾

Show ▾ entries

<input type="checkbox"/> Select All	Manifest ID#	Type	Generator ID	Generator Name	Received Date	Last Updated Date	Status	View
<input type="checkbox"/>	100035630ELC	Electronic	VAD988228979	THE TYREE ORGANIZATION LTD		10/31/2023 10:56 AM	Ready For Signature	Data
<input type="checkbox"/>	100035900ELC	Hybrid	VA0000021758	CAPITOL RESEARCH		06/21/2023 05:43	Ready For	Data

PCB Rule

Rule goes into effect February 26th, 2024 – Have you tested yet?

New Load Types

1. ArticleInContainer - will be deactivated in Production in Feb 2024 lookup table
2. ArticleNotInContainer - will be deactivated in Production in Feb 2024 lookup table
3. BulkWaste
4. Container
5. Transformer NEW
6. HighOrLowVoltageCapacitor NEW
7. ArticleContainer NEW
8. OtherPcbOnly NEW

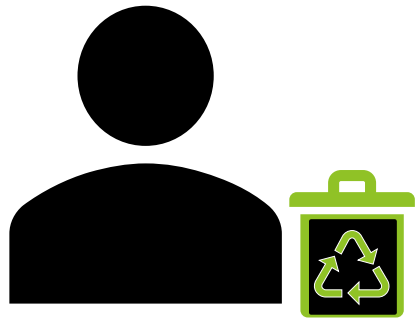
New Optional Alternate Facility for Generators to add

Remote Signer - Concept

- ▶ Remote Signer is our new policy that describes how industry can execute valid electronic signatures through a registered user with sufficient permissions to electronically sign manifests (AKA the “Remote Signer”)
- ▶ It provides a way for...
 - ▶ Unregistered individuals to electronically sign manifests
 - ▶ Individuals without network access to electronically sign manifests
 - ▶ Sites to initiate the electronic signature process in their own waste management software
- ▶ The unregistered user for a site can contact (**verbally or systematically**) a registered user for a site to communicate that the manifest has been signed/changed custody.
- ▶ The registered user for that site updates the manifest in the system.

Remote Signer - Method 1

- ▶ Electronically Signing Manifests with Remote Personnel through the e-Manifest User Interface
 - ▶ Advantage: The field personnel does not need network access, just a method to communicate and authorize the Remote Signer to execute the electronic signature in e-Manifest



Unregistered field personnel



Registered Remote Signer



Remote Signer - Method 2

- ▶ Electronically Signing using System-to-System Communication
 - ▶ Advantage: Site employee and contractors can use their waste management software and the remote signer's API ID and key to initiate the execution of electronic signatures.



Unregistered field personnel



Company hazardous waste software with access to Remote Signer API credentials



Remote Signers Draft FAQs

We'll be updating our FAQ, in general.

- ▶ Do hybrids still work?
 - ▶ Yes
- ▶ Can I use my own corporate system?
 - ▶ Yes, the remote signer needs to be registered with the handler signing the manifest, but you can use your system or a third party system
- ▶ I have a large company, do I still need to register all my drivers/ trained handlers of Hazardous Waste?
 - ▶ No, but you need at least 1.
- ▶ I have a small company with high turnover, do I still need to register all my drivers/ trained handlers of Hazardous Waste?
 - ▶ No , but you need at least 1.
- ▶ Do I still need to print a copy for the truck?
 - ▶ Yes, but you can do it on any printer that prints 8.5x11 paper. The PDF is emailable, downloadable, can even be texted and then printed.
- ▶ Could this work with rail shipments?
 - ▶ Yes

Biennial Report Validation

- ▶ 10% difference in weight between manifests and BR reporting
- ▶ Volumetric units without density are estimated at 8.34 lbs/gal (water)
 - ▶ Ask your receiving facility to provide BR information from your waste profile
 - ▶ Consider using electronic manifests and entering this information yourself
- ▶ Can also be caused by missing manifests
 - ▶ Confirm your receiving facility has uploaded all manifests and that those manifests are associated with your correct site ID number
- ▶ Reports/Extracts > e-Manifest > Extracts-CSVs > Manifest Summary Report
- ▶ See the [RCRAInfo help page](#) available from Documentation > General Help