

Release Notes for EMTS v9.4.0

Release Date: July 2026

Introduction

The EPA Moderated Transaction System (EMTS) v9.4.0 release includes significant enhancements to remedial action processing, refinements to authorization workflows, generate and retire transactions, validation checks, reports, and conversion templates. Version v9.4.0 incorporates remedial action improvements and updates to terminology, screen behavior, data entry requirements, report content, and XML and Excel processing. These updates are intended to improve usability, validation accuracy, processing transparency, and reporting consistency within EMTS.

Objectives

- **Improve EPA Oversight:** Refine remedial action processing workflows for EPA administrators, including updated statuses, processing actions, filters, and review details.
- **Improve Usability:** Incorporates simplified labels, screen flows, required fields, and transaction bin behavior across remedial action workflows.
- **Strengthen Data Quality:** Update QA checks, required-field rules, reason-code validation, and original transaction matching logic for generate and retire transactions.
- **Enhance Reporting and Exports:** Expand remedial action data in reports, align report output with field usage.
- **Align Schema and Templates:** Update XML schema elements and Excel Conversion templates to reflect v9.4.0 field changes, including new required values and removal of deprecated elements.

Enhancements

EPA Admin Processing and Authorization Enhancements

- Expanded EPA remedial action processing support across generate, retire, separate, buy/sell, and imported fuel generate transaction types.
- Updated remedial action terminology throughout the authorization workflow. Status values now reflect “Pending processing”, “Processed”, and “Unable to process”, and “EPA Action Date” was changed to “Processed Date”.
- Updated action labels and buttons on the authorization screens so EPA users can process or mark requests as “Unable to Process” rather than approve or disapprove them.
- Added “Reason” and “Overdue Submission” columns to the remedial action authorization screens, along with enhanced filters for received date, processed date, status, situation type, reason, and overdue submission.

- Updated default sorting on the authorization screen to “Received Date” descending, then “Transaction Log ID” descending.
- Revised remedial action email notifications and screen text to align with the new processing terminology and help desk contact language.
- Added “On Hold” transactions to the industry user “Pending Remedial Actions” listing so users can more easily track requests that still require follow-up action.

Transaction Processing and UI Enhancements

- Added “Generate Reason Code” to “RIN Generate”, “Biogas Generate”, and “Imported Fuel Generate” transactions, including updates to web entry, XML processing, reports, and conversion templates.
- Removed “Remedial Action Indicator” from “RIN Generate”, “Biogas Generate”, and “Imported Fuel Generate” transactions and updated system logic to use “Generate Reason Code” instead.
- Updated remedial action detail screens and labels, including changing “Original/Invalid Transaction ID” to “Original Transaction ID”.
- Limited “Original Transaction ID” display on generate workflows to applicable undergeneration scenarios.
- Added a new deadline sufficiency question for applicable remedial RIN retire and Credit retire transactions submitted past the compliance deadline.
- Converted several remedial action responses from checkboxes to Yes/No dropdowns, including whether RINs, credits, or tokens are still in account and whether a corrected annual compliance report has been submitted when applicable.
- Made “Compliance Year” editable for “RIN Obligation” and “Fuels ABT Obligation” retire transactions and defaulted the field to the current compliance window year.
- Moved the “Retire Biogas Tokens” remedial action details screen to occur after “Advanced Token Selection” so users can complete required batch selection before entering remedial details.
- Added required field indicators to key remedial action questions on retire workflows and improved explanatory text on the detail and advanced selection screens.
- Updated token retire reason-code handling, including revised labels, a new voluntary retirement code, and a comment requirement for all token retire reason codes.
- Updated remedial retire questions by transaction type, including separate prompts for RINs, tokens, and credits, and revised ownership wording to ask whether users owned sufficient, appropriate instruments to complete retirement.
- Updated EPA review screens to display ownership sufficiency responses for applicable RIN and credit retire transactions.
- Updated EMTS Help links to point users to the current “EMTS System Documentation” and “Fuels Reporting Job Aids” web pages.

EMTS System Documentation: [EMTS System Documentation \(including EMTS User Guides and Conversion Tool Template\)](#)

Fuels Reporting – Job Aids: [Job Aids for Reporting](#)

Data Quality and Validation Checks

- New and updated QA validation checks were implemented to improve data accuracy, enforce required-field, and enhance remedial transaction processing behavior.
- Added and updated validation rules for generate reason codes in RIN, biogas, and imported fuel generate transactions.
- Updated remedial retire QA logic, including revisions to checks 33021, 33027, 33028, 33029, 33030, and 33031 to improve original transaction matching and batch validation.
- Updated checks 33024 and 33026 to include production date comparisons and use “Generate Reason Code” to determine applicable under generation scenarios.
- Added check 33040 to require batch selection when users indicate that RINs or biogas tokens are still in account.
- Added check 33041 to require the deadline sufficiency response for applicable remedial RIN retire and credit Retire transactions submitted past the deadline.
- Updated checks 33013 and 33014 to consistently require or disallow “Original Transaction ID” for remedial and non-remedial retire reason codes, as applicable.
- Disabled checks 7017 and 15017, refined check 15094 for credit retire compliance year validation, and corrected the timing of check 7016 so it displays in the proper workflow step.
- Removed obsolete checks and deprecated references that were no longer part of the approved v9.4.0 remedial action design.
- Updated XML and Excel processing so “Generate Reason Code” for RIN, biogas, and imported fuel generate transactions can be omitted when not applicable, while QA Check 33001 continues to enforce the field for remedial, late, or overdue submissions that require it.

Report and Data Export Updates

- Updated transaction reports to include approved remedial action fields across transaction detail-based report outputs, including “Transaction Status”, “Transaction History”, “Fuels ABT Transaction Status”, “Fuels ABT Transaction History”, and selected verified RIN activity reports.
- Added token feedstock data to the RIN generation report, where applicable.
- Removed biogas feedstock values from non-biogas records in CSV report output while retaining the report headers.
- Updated report and detail-page field displays to reflect label changes, statuses, and generate reason data.

Notifications and Subscriptions

- Notification content was updated to reflect the new remedial action processing terminology.
- Processed remedial action messages now indicate that EMTS has processed the request.
- “Unable to process” messages now indicate that the remedial action request could not be processed.
- Email Help link was updated to direct users to [“fuelsprogramsupport@epa.gov.”](mailto:fuelsprogramsupport@epa.gov)

Excel Reporting Template Updates

- The Excel reporting Template was updated to align with the v9.4.0 schema and workflow changes.
- “Generate Reason Code” was added to “RIN Generate”, “Biogas Generate”, and “Imported Fuel Generate” templates, and “Remedial Action Indicator” was removed from those transaction types.
- Remedial action template fields and labels were updated to use “Original Transaction ID” naming and to support deadline sufficiency and revised Yes/No response handling where applicable.
- Token-related conversion support was expanded to include optional batch selection fields for “Biogas Generating Organization Identifier”, “Biogas Generating Facility Identifier”, and “Biogas Batch Number Text”.
- Deprecated remedial action fields were removed.
- “Imported Fuel Generate” conversion support was corrected to use the “Generate Reason Code” column header instead of the deprecated “Remedial Action Indicator” field.
- Excel conversion support was updated so “Generate Reason Code” is optional for RIN, imported fuel generate, and biogas generate submissions unless required by the applicable remedial or overdue submission rules.

An updated Excel Reporting Template for EMTS v9.4.0 can be found here: [EMTS System Documentation | US EPA](#).

EMTS XML Schema Updates

With EMTS v9.4.0, the EMTS XML schema was updated to support field changes and validation rules.

- The v9.4.0 schema updates include remedial action detail changes, “Generate Reason Code” support, deadline sufficiency handling, and removal of deprecated remedial elements.

The EMTS XML v3.9 schema is available at [Submission Schema for RIN and Credit Transactions in the EPA Moderated Transaction System \(EMTS\) | US EPA](#).

For additional information about EMTS functionality, contact EMTS Technical Support at fuelsprogramsupport@epa.gov.