



## Release Notes

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## US Portal Release Notes

Version: **v.7.1.0**

Release Date: **April 2, 2024**

### Bug fix:

**1. Subscription level impacted: Advanced**

What was happening: For the H-occupancy Inventory type, user-classified gases with hazard classes of UR, WR, or PYR, unstable (reactive), water-reactive, and pyrophoric, respectively, the HMIS Summary Report allowed liquefied and gaseous quantities to be combined when all units were not cuft@NTP. Now: The Summary Report will fail, alerting users that, regardless of gas type, only cuft@NTP is valid for these user-classified gases.

**2. Subscription level impacted: Advanced**

What was happening: When a user modified an NFPA hazard rating for an HMEEx-classified material, the HMEEx field on the HMIS did not update from 'Yes' to 'No' to properly indicate whether HMEEx or the user assigned the hazard classes and NFPA 704 hazard ratings.

Now: Any modification to the NFPA 704 hazard ratings will cause the HMEEx field to update from 'Yes' to 'No'.

Version: **v.7.0.0**

Release Date: **March 18, 2024**

### Enhanced:

**1. Subscription Level impacted: All**

We have added an option to select a code edition under the IFC/IBC Hazard Class Section on the Chemical Details page for Chemical Search. New hazard class categories for flammable gases have been introduced in the 2024 I-codes, so the hazard class now depends on the code edition.

**2. Subscription Level Impacted: All**

On-screen notifications will now display on a user's homepage if the license expiration date is within 30 days.

**3. Subscription Level Impacted: Advanced**

For HMIS, we added an option to evaluate chemical inventories using the 2024 code edition. If this edition is selected, HMEEx will display the 2024 IFC/IBC hazard classes on the HMIS. This is significant because the 2024 I-codes include new, expanded categories for flammable gases.

**4. Subscription Level Impacted: Advanced**

For the HMIS Summary Report: We added a 2024 code option when creating a new HMIS', so the corresponding HMIS Summary Report now reflects the expanded 2024 flammable gas categories.

**5. Subscription Level Impacted: Advanced**

For HMIS Summary Report: Inventory quantities and MAQs for liquefied gases will now be displayed in the Gas Column rather than the Liquid Column. This change impacts new and existing inventories. If you create a new inventory or modify an existing inventory, this update will automatically take effect.

However, users must hit the ' Recalculate' button to apply this update on existing inventories that have not been modified before generating a new Summary Report.

**6. Subscription Level Impacted: Advanced**

We have added on-screen notifications to alert users when an HMIS Excel upload is being processed, completed with errors, and completed without errors. If errors are noted (i.e., some chemical entries failed to upload), users can now easily link to the Upload History page to investigate and correct any issues.

**Bug fix:**

**7. Subscription Level Impacted: Advanced**

**What happened:** For Outdoor Control Area inventories, highly toxic gaseous compressed gas cabinet quantities did not display red as expected on the Summary Report when Table 5003.1.1(4) footnote b was violated.

**Version: v6.3.0**

**Release Date: Oct 16, 2023**

**Enhancements:**

**1. Subscription Level Impacted: Advanced**

We added a more visible message to notify users on the HMIS Details page when an HMIS excel template upload is in progress, completed with errors and completed without errors. This replaces the fixed message that appeared at the top of the HMIS only when a file import was in progress.

**2. Subscription Level Impacted: Advanced**

Functionality is added to the HMIS excel upload feature so duplicate chemical entries will not be accepted for materials without a CAS number. Supplemental fields that make a chemical entry unique are location, container type, workstation ID, and responsible party.

**3. Subscription Level Impacted: Advanced**

Validation added to the Excel template to prevent users from adding material quantities exceeding 10 characters, including digits and decimal.

**Version: v6.2.0**

**Release Date: Sept 13, 2023**

**Enhancement:**

**1. Subscription Level Impacted: All**

Microsoft Entra ID secure login enabled.

**Version: v6.1.0**  
**Release Date: Aug 18, 2023**

**Security Update:**

- 1. Subscription Level Impacted: All**

**Version: v6.0.0**  
**Release Date: Aug 8, 2023**

**Security Update:**

- 1. Subscription Level Impacted: All**

We implemented Entra ID (Azure Active Directory) as the primary sign in and user authentication method.

**Version: v5.2.0**  
**Release Date: Aug 3, 2023**

**Security Update:**

- 1. Subscription Level Impacted: All**

We've implemented a security enhancement that further fortifies our application against potential vulnerability.

**Fixed:**

- 2. Subscription Level Impacted: Advanced**

We updated the method of calculating the Indoor control area MAQ for floor levels above the first floor to address a discrepancy that allowed an increase in the MAQ where footnotes d and e apply and the quantity outside of 'approved cabinets' fell between 50 percent of the floor level reduced MAQ and 50 percent of the original MAQ. In these cases, the Summary Report reflected a red flag violation of the cabinet quantity, indicating not enough is confined to cabinets, but continued to allow the MAQ increase. The new approach resolves this discrepancy by ensuring that where the cabinet quantity violates requirements, the MAQ will not increase.

- 3. Subscription Level Impacted: Advanced**

We identified and corrected a bug causing the Indoor control area MAQ for Class 4 oxidizing solids in storage to fail to display in the Summary Report.

**Version: v5.1.1**  
**Release Date: July 28, 2023**

**Improved:**

- 1. Subscription Level Impacted: Advanced**

From time to time, we update and add validations to the HMIS template to improve user experience and import success rate. The download HMIS Template button on the HMIS Details page now includes a

version number for the Excel template. We also added a version number to the downloaded template so users can confirm that they are using the most updated template for import.

**Version: v5.1.0**

**Release Date: June 4, 2023**

#### Improved:

**1. Subscription Level Impacted: All**

We improved that way that users view the license assigned to them and the way Account Administrators manage their own license. On the Profile Page we created a new field, Manage My License, and a button below that displays the license assigned. If no license is assigned, the button reads No License. If Account Administrator rights are assigned, the button is interactive and displays orange, otherwise the button is blue. When Account Administrators select the button, their User Details page opens and they can detach their license, or search for and select a license to assign under the My Subscription field. This update improves functionality and increases security.

**2. Subscription Level Impacted: Advanced**

We eliminated the dropdown options under the Container Type field and converted this field to a free-form text field. This adds flexibility to users and increases the ways users can enter a duplicate chemical as a unique entry.

#### New:

**3. Subscription Level Impacted: Advanced**

Advanced users now have an option to designate an HMIS as Inactive and toggle between Active and Inactive HMISs. This minimizes the number of HMIS a user needs to sort through to locate the HMIS of interest.

#### Security Enhancement:

**4. Subscription Level Impacted: All**

Enhanced the features of the Excel HMIS template to prevent upload of malicious scripts.

**Version: v4.8.0**

**Release date: December 30, 2022**

#### Fixed:

**1. Subscription Level Impacted: Advanced**

What was happening: Corrosive Gas MAQ values were displaying red even though MAQ was not exceeded for Indoor Control Area Inventory Type.

#### Improved:

**2. Subscription Level Impacted: Advanced**

Added Excel template validation that automatically deletes Gas Type value if user modifies Physical State from gas to liquid or solid.

**Improved:**

**3. Subscription Level Impacted: Advanced**

Added Excel template validations (macros) that allow duplicate chemical entries to upload provided one of the following fields is unique: container type, workstation ID, location, responsible party.

**Improved:**

**4. Subscription Level Impacted: Advanced**

Added Excel template validation that prevents user from entering an invalid concentration value (e.g., numerical range or character other than a number, decimal point or 'mixture').

**Improved:**

**5. Subscription Level Impacted: Advanced**

Added Excel template validation that prevents user from entering an open use quantity when the Physical State is a Gas.

**Improved:**

**6. Subscription Level Impacted: Advanced**

Enabled active and expired licenses to be visible under My Subscriptions Tab, but only active licenses will be visible when searching for licenses to assign.

**Improved:**

**7. Subscription Level Impacted: Advanced**

Modified Group H Occupancy Hazard Class Summary Report to clarify that detonable Class 3 Unstable (reactive) materials (UR3D) are subject to Indoor Control area MAQs and Non-detonable Class 3 Unstable (reactive) (UR3ND) are subject to detached building quantity thresholds.

**Improved:**

**8. Subscription Level Impacted: All**

Minor updates to My Subscription and Purchase History screens.

**Data Update:**

**9. Subscription Level Impacted: All**

Updated NFPA 704 hazard ratings based on ISO 100298:2018.

**Security Improvement:**

**10. Subscription Level Impacted: All**

**Version: v4.7.0**

**Release date: November 25, 2022**

**Improved:**

1. Subscription Level Impacted: **Advanced**

Updated the pop-up message displayed when the Summary Report fails to run by adding a new item 2 alerting users that at least one of the chemicals in the inventory must have a hazard class assigned.

**Fixed:**

2. Subscription Level Impacted: **Advanced**

What was happening: When physical state changed from gas to liquid or solid on Edit Chem Entry page, the gas type field did not reset to blank.

**Fixed:**

3. Subscription Level Impacted: **Advanced**

What was happening: Some Advanced users on EU Portal were not receiving the "HMIS Corrections Needed" email when there were errors in the uploaded Excel template.

**Fixed:**

4. Subscription Level Impacted: **Advanced**

What was happening: Corrected page break issue on Chemical Detail print function.

**Version: v4.6.0**

**Release date: August 24, 2022**

**Fixed:**

1. Subscription Level Impacted: **All**

What was happening: Chemical Details page failed to print.

**New Feature:**

2. Subscription Level Impacted: **Advanced**

For Indoor Control Area inventories, a new field is available that allows users to create a unique name for each control area. Previously only the designators CA1, CA2, CA3 and CA4 were allowed.

**Improved:**

3. Subscription Levels Impacted: **Advanced**

**Data Security Enhancement:**

4. Subscription Level Impacted: **Advanced**

Updated to reinforce data security for HMIS and HMIS Summary report data.

Version: **v4.5.0**

Release date: **June 20, 2022**

#### Fixed:

1. Subscription Level Impacted: **Advanced**  
**What was happening:** Quantities of liquefied gases entered in cf @ NTP failed to convert to pounds and caused the Hazard Class Summary Report to fail.
2. Subscription Level Impacted: **Advanced**  
**What was happening:** Liquefied gases that included PYR, UR and WR hazard classes in addition to other hazard classes, would not properly convert units to both pounds and cf @ NTP simultaneously, causing the Hazard Class Summary Report to fail.
3. Subscription Level Impacted: **Advanced**  
**What was happening:** The actual quantities of WR2 and WR3 gases failed to properly display on the Hazard Class Summary Report for Group H Occupancy inventories.
4. Subscription Level Impacted: **Advanced**  
**What was happening:** Deleted eight inactive chemicals from the database that if selected by the user on the Excel upload file, caused an unintended duplicate entry for the material in the inventory.

#### Data Security Enhancement:

5. Subscription Level Impacted: **All**  
Removed the My Subscription field available in a user's Profile.

#### Improved:

6. Subscription Levels Impacted: **All Users**  
Updated the Get Started Guide to
  - explain how to properly include aerosols in an inventory
  - clarify how to add user-classified liquefied gases that have PYR, UR and WR hazard classes in addition to other hazard classes assigned
  - update Attachment C - Valid & Default Units table to reflect the unit conversion updates for liquefied gases.

#### What we're working on

- Functionality that allows users to select 2021 edition of the codes. The 2021 edition of the code will align hazard class definitions and maximum allowable quantity tables with 2021 edition of the International Fire and Building codes.



Version: **v4.4.0**

Release date: **January 11, 2022**

#### Fixed:

1. Subscription Level Impacted: **Advanced**
  - a. **What was happening:** The closed-use maximum allowable quantity (MAQ) for Class 3 Unstable (reactive) and Pyrophoric gases did not display red when the MAQ was exceeded.
2. Subscription Level Impacted: **Advanced**
  - a. **What was happening:** The closed-use maximum allowable quantity (MAQ) for Class 3 Unstable (reactive), Pyrophoric and Oxidizing (Gaseous) gases displayed in parens, thus reflecting incorrect units.
3. Subscription Level Impacted: **Advanced**
  - a. **What was happening:** The actual maximum quantity for Oxidizing (Gaseous) compressed gases did not turn red as expected when the maximum allowable quantity (MAQ) was exceeded.
4. Subscription Level Impacted: **Advanced**
  - a. **What happened:** When editing inventory data, the chemical lookup field remained blank for 90 database chemicals. This caused the system to consider these materials user-classified, which resulted in validation rules only allowing default units to be entered for those materials.

#### Improved:

5. Subscription Levels Impacted: **All Users**
  - a. The login security code email sender was changed to improve delivery time. Two-factor authentication login reinstated for all users.
6. Subscription Level Impacted: **Advanced**
  - a. Updated Get Started Guide to: 1) clarify how HMEEx implements Table 5003.1.1(1) thru Table 5003.1.1(4) footnote 'e' - the maximum allowable quantity cabinet quantity increase; 2) clarify how to assign a renewed license.

#### What we're working on

7. Subscription Level: **Advanced**

**What is happening:** For liquefied compressed gases, quantities expressed as cu ft at NTP units do not convert to pounds, and the Summary Report fails. As a result, valid units for HMEEx-classified liquefied compressed gases are limited to pounds and gallons.