

Release Notes for March 13, 2025 Umler System Release

The Umler system release scheduled for Thursday, March 13, 2025, includes functional enhancements to Umler which includes docket implementation work as directed by the Umler Committee to implement new elements, element changes/updates, as well as modifications to permissible values and business rules within the application.

Below are the complete details of this release.

Element Updates (New Elements/Element Changes & Removals)

- Coils Exterior/Interior (X109)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Element Name:
 - Old: Coils Exterior/Interior
 - New: Heater System Type

Permissible Value/Range Updates - Updates/Removals/New Values

- Axle Count (A024)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Decreased Maximum Range Value:
 - Old: 999
 - New: 6
- SS Door Edge Protection (A074)
 - Equipment Group: VFLAT
 - Presentation Group: Superstructure
 - Updated Permissible Values:
 - Old: Tubing or Hose (e.g. Pensy, etc.)
 - New: Tubing or Hose
 - Old: Vinyl extrusion or polymer (e.g. Zev., Tech., etc.)
 - New: Vinyl extrusion or polymer
 - Old: Closed cell foam (e.g. creative foam, etc.)
 - New: Closed cell foam
 - Added Permissible Value:
 - DA - Pennsy Combination Kit

- Compartment Count (A052)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Increased Maximum Range Value:
 - Old: 5
 - New: 6
- Stenciled Shipping Spec (A237)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Added Permissible Value:
 - MOW - Water Tank (non-stenciled)
- Stub Sill Design Type (A251)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Permissible Value:
 - Old: FULL - FULL Stub Sill Design
 - New: FULL - FULL Sill Underframe Design
- Bottom Outlet/Fitting Type (A308)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Permissible Value:
 - Old: U - Not Equipped
 - New: U - Unequipped
- AEI High Temperature Tag (B006)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Permissible Value:
 - Old: Y - High Temperature Tag
 - New: Y - Yes
- Coils Exterior/Interior (X109)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Permissible Value:
 - Old: E - Exterior
 - New: E - Exterior Coils

 - Old: I - Interior
 - New: I - Interior Coils
 - Added Permissible Value:
 - C - Combination Ext/Int Heater System

- Coil Material (X111)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Remove Permissible Values:
 - B - Brass
 - I - Inconel
 - M - Monel

Business Rule Changes - New/Changed or Updated/Removed Rules

- Safety Relief Device Count (A181)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Removed Rule:
 - Safety Relief Device Count must be reported for tank cars built on or after October 1, 2011 and whose Stenciled Shipping Specification begins with 111 or 211.
 - Updated Rule:
 - Old: Tank Safety Relief Device Count is required for Tanks with a Built/Rebuilt (Birth) Date on or after July 1, 1997
 - New: Safety Relief Device Count is required for Tanks with a Built/Rebuilt (Birth) Date on or after July 1, 1997
- Safety Relief Device Type (A230)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Removed Rule:
 - Safety Relief Device Type must be reported as Unequipped (U), when Safety Relief Device Count is reported as 0
 - Added Rule:
 - Safety Relief Device Count (A181) must be greater than 0 unless the Safety Relief Device Type is reported as Unequipped (U) or Unknown (Z)
 - Updated Rule:
 - Old: Safety Relief Device Type should be reported, if Safety Relief Device Count is reported
 - New: Safety Relief Device Type must be reported, if Safety Relief Device Count is reported
- Bottom Outlet/Fitting Type (A308)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Rule:
 - Old: If the Tank Bottom Outlet Fitting Type is not reported, then the Bottom Outlet Count must be reported as Zero
 - New: If the Tank Bottom Outlet Fitting Type is not reported, then the Bottom Outlet Count (B142) must be reported as Zero

- Updated Rule:
 - Old: If the Tank Bottom Outlet/Fitting Type = U (Unequipped), then the Tank Bottom Fitting Protection must equal U (Unequipped)
 - New: If the Tank Bottom Outlet/Fitting Type = U (Unequipped), then the Tank Bottom Fitting Protection (A153) must equal U (Unequipped)
- Tank Lining Material (A315)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Removed Rule:
 - Tank Lining Material can only be reported as Nickel electro-plating, e.g., Bart, if Tank Major Class is not equal to 19
- Bottom Outlet Count (B142)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Removed Rule:
 - Bottom Outlet Count is required if car was Built or Rebuilt on or after July 1, 1997
 - Updated Rule:
 - Old: Tanks with Shipping Container Specs that begin with 120 or 109 can only have 1 Bottom Outlet
 - New: Tanks with Stenciled Shipping Specification (A237) that begin with 120 or 109 can only have 1 Bottom Outlet
- Tank Head Material Norm (B203)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Removed Rule:
 - Normalized Head Material can be YES or NO if Tank Head Material value is equal to 89, 115, 129, 130, 131, 132, 133, 134, 162, 353, 5371, 15565, or 5155
- Coils Exterior/Interior (X109)
 - Equipment Group: TANK
 - Presentation Group: Specification
 - Updated Rule:
 - Old: If Coils Exterior/Interior is reported, then Coil Material must be reported
 - New: If Heater System Type is reported, then Coil Material must be reported
 - Updated Rule:
 - Old: If the Coils Exterior/Interior is not reported, the Coil Material must not be reported
 - New: If the Heater System Type is not reported, the Coil Material must not be reported
 -

Got Questions? Get Answers.

If you have any questions about Railinc's Umler system or this release, contact the Railinc Customer Success Center by email at or by phone at 877-724-5462.