

Release Notes for March 15, 2018, Umler System Release

The Umler system release scheduled for Thursday, March 15, 2018, Umler system release includes functional enhancements to Umler which includes docket implementation work as directed by the Umler Committee as well as System Validation Task Force directed work 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.

- **Permissible Value Updates - Updates/Removals/New Values**
 - Air Brake Model Number (ABMD)
 - Equipment Group(s): LOCO
 - New Permissible Value: ABMOD
 - Air Brake Model Number (ABMD)
 - Equipment Group(s): PSGR
 - New Permissible Value: 26CF
 - New Permissible Value: 26DX
 - New Permissible Value: AC1B
 - New Permissible Value: L2
 - Top Fittings Protection (A264)
 - Equipment Group(s): TANK
 - F - Equipped per 49 CFR 179.202-13(h) (DOT117R tank cars)
 - IFLT Single Length Loading Config
 - Equipment Group(s): IFLT
 - New Permissible Value: QB5 - Q BOTH 1-20ft, 1-40ft, 1-53ft trailer; 2-20-ft, 2-40ft, 2-53ft containers
 - Clearance Exception (B275)
 - Updated Permissible Value Definition: E - Hopper with excessive Outside Width (A186) only when pickup shoes are extended
 - Equipment Builder (A035)
 - Equipment Group(s): VFLT
 - New Permissible Value: HST - Hawker Siddeley
- **Element Updates (New Elements/Element Changes & Updates)**
 - Insulation/Thermal Protection Type (A142)
 - Equipment Group(s): TANK
 - New Element Label: Updated Element Label from “Insulation Type” to “Insulatn/Thrmal Prot Type”

- Bottom Outlet Valve Actuation (B543)
 - Equipment Group(s): TANK
 - New Element Label: Updated Element Label from “Bottom Out Valv Actuation” to “Btm Outlet Vlv Actuation”
- Thermal Protection System (B555)*
 - Equipment Group(s): TANK
 - Element Description: Identifies the existence of a Thermal Protection System that meets 49 CFR 179.18 (a), (b), or (c).
 - Permissible Values:
 - E - Equipped
 - Presentation Group: Specification
 - System Generated [*rules creating system generated value will not be part of this release*]
- Empty Braking Ratio (B553)
 - Equipment Group(s): BOXC, GOND, HOPP, MISC, TANK, FLAT, IFLT, and VFLT
 - Element Description: Indicates calculated empty braking ratio per AAR Specifications in place on built or rebuilt date (in percent).
 - Permissible Range of Values: Minimum - 15.0 and Maximum 38.0
 - Presentation Group: Train Service
 - System Generated [*implemented rules to create system generated value*]
- **Business Rule Changes - New/Changed or Updated/Removed Rules**
 - Tare Weight (A259)
 - Equipment Group(s): BOXC, GOND, HOPP, FLAT, IFLT, MISC, TANK, and VFLT
 - New Rule: “Tare Weight (A259) value must be reported to the nearest 100 pounds if Weighing Date (A288) is on or after March 15, 2018.”
 - Wheel Diameter (A294)
 - Equipment Group(s): BOXC, FLAT, GOND, HOPP, IFLT, MISC, PSGR, TANK, and VFLT
 - Updated Rule: Updated from “Wheel Diameters of (33 and 36 inches) or (33 and 38 inches) can only be reported for articulated cars” to “If Connected Unit Count (A020) is not reported, different Wheel Diameters cannot be reported.”
 - Wheel Diameter (A294)
 - Equipment Group(s): LOCO and STWH
 - Removed Rule: “Wheel Diameters of (33 and 36 inches) or (33 and 38 inches) can only be reported for articulated cars”
 - Clearance Exception (B275)
 - Equipment Group(s): HOPP
 - New Rule: Clearance Exception of E can only be reported if Auto Unload Device Equip (B224) is 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 csc@railinc.com or by phone at 877-724-5462.