

## Summary of Changes for the 2020 EARLY

PHMSA issued amendments to the Hazardous Materials Regulations (HMR) to maintain alignment with international regulations and standards by incorporating various amendments, including changes to proper shipping names, hazard classes, packing groups, special provisions, packaging authorizations, air transport quantity limitations, and vessel stowage requirements. PHMSA also published amendments to allow for the bulk transport of “Methane, refrigerated liquid,” in rail tank cars and revised and updated the Department’s regulations on rulemaking procedures.

Below is a list of some of the changes that were made:

- **Articles Containing Dangerous Goods:** PHMSA added a classification system for articles containing hazardous materials that do not already have a proper shipping name.
- **Lithium Battery Test Summary:** PHMSA added requirements regarding lithium battery test summaries. The test summary includes a standardized set of elements that provide traceability and accountability, thereby ensuring that lithium cell and battery designs offered for transport contain specific information on the required UN tests. The test summary must be made available to subsequent distributors.
- **Baggage Equipped with Lithium Batteries:** PHMSA amended the aircraft passenger provisions for carriage of baggage equipped with lithium batteries intended to power features such as location tracking, battery charging, digital weighing, or motors (sometimes referred to as “smart luggage”). Specifically, baggage equipped with a lithium battery or batteries will be required to be carried in the cabin of the aircraft unless the battery or batteries are removed.
- **Segregation of Lithium Batteries from Specific Hazardous Materials:** PHMSA added requirements to segregate lithium cells and batteries from certain other hazardous materials, notably flammable liquids, when offered for transport or transported on aircraft.
- **Alternative Criteria for Classification of Corrosive Materials:** PHMSA is including non-testing alternatives for classifying corrosive mixtures using existing data on its chemical properties. The alternatives added in the final rule afford offerors the ability to make a classification and packing group assignment without the need to conduct physical tests.

- **Provisions for Polymerizing Substances:** PHMSA is extending the sunset dates for provisions concerning the transportation of polymerizing substances from January 2, 2019 to January 2, 2023.
- PHMSA, in coordination with the Federal Railroad Administration (FRA), is amending the Hazardous Materials Regulations (HMR) to allow for the bulk transport of “Methane, refrigerated liquid,” commonly known as liquefied natural gas (LNG), in rail tank cars.
- A final rule was published setting forth a comprehensive revision and update of the Department’s regulations on rulemaking procedures