

HAZARDOUS MATERIALS/DANGEROUS GOODS INDUSTRY ACRONYMS & DEFINITIONS

ADR — Agreement Concerning the International Carriage of Dangerous Goods by Road

ADR is a United Nations treaty that governs the transnational transport of hazardous materials.

BBU — Battery Backup Unit

A backup battery provides power to a system when the primary source of power is unavailable.

COSTHA — Council on Safe Transportation of Hazardous Articles

COSTHA, founded in 1972, is a not-for-profit industry association devoted to promoting regulatory compliance and safety in the international and domestic transportation of dangerous goods.

CFR — Code of Federal Regulations

The CFR is a codification/arrangement of the general and permanent rules published in the Federal register by the executive departments and agencies of the Federal Government.

49 CFR

Title 49 of the Code of Federal Regulations, which addresses Hazardous Materials Transportation Regulations.

DDR — Damaged, Defective, or Recalled (lithium cells or batteries)

Lithium cells or batteries that have been damaged or identified by the manufacturer as being defective for safety reasons, that have the potential of producing a dangerous evolution of heat, fire, or short circuit (e.g. those being returned to the manufacturer for safety reasons).

DG — Dangerous Goods

Articles or substances which pose a risk to health, safety, property, or the environment in transport.

DGAC — Dangerous Goods Advisory Council

DGAC is an international, non-profit educational organization that promotes safe and efficient transportation of hazardous materials in domestic and international commerce.

DOT — Department of Transportation

The DOT mission is to deliver the world's leading transportation system, serving the American people and economy through the safe, efficient, sustainable, and equitable movement of people and goods.

FAA — Federal Aviation Administration

The FAA mission is to provide the safest, most efficient aerospace system in the world.

HazMat — Hazardous Materials

Articles or substances which pose a risk to health, safety, property, or the environment in transport.

IATA — International Air Transport Association

IATA is the trade association for the world's airlines. It supports many areas of aviation activity and helps formulate industry policy on critical aviation issues.

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IATA DGR – International Air Transport Association Dangerous Goods Regulations

The IATA DGR manual is the global reference for shipping dangerous goods by air and the only standard recognized by airlines.

ICAO – International Civil Aviation Organization

ICAO is a United Nations agency whose mission is to serve as the global forum of states for international civil aviation. ICAO develops policies and standards, undertakes compliance audits, performs studies and analyses, provides assistance and builds aviation capacity through many other activities and the cooperation of its member states and stakeholders.

ICAO TI – International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air

The ICAO TI augment the broad principles governing the international transport of hazardous materials by air contained in Annex 18 to the Convention on International Civil Aviation. The ICAO TI supports the broad principles by establishing requirements necessary to ensure hazardous materials are safely transported in aircraft while providing a level of safety that protects the aircraft and its occupants from undue risk. The ICAO TI is based on the UN Recommendations on the Transport of Dangerous Goods (Model Regulations) and the International Atomic Energy Agency Regulations for the Safe Transport of Radioactive Material.

IFC – International Fire Code

The IFC establishes minimum requirements for fire prevention and fire protection systems using prescriptive and performance-related provisions. It is founded on broad-based principles that make possible the use of new materials and new system designs.

IMDG – The International Maritime Dangerous Goods (IMDG) Code

The IMDG Code was developed as an international code for the maritime transport of dangerous goods in packaged form, to enhance and harmonize the safe carriage of dangerous goods and to prevent pollution to the environment.

MDTC – Medical Device Transport Council

The MDTC was formed to promote the safe transport of medical devices and their components. Our mission is to contribute to developing and advocating for responsible regulations for the transportation of medical devices.

PHMSA – Pipeline and Hazardous Materials Safety Administration

PHMSA's mission is to protect people and the environment by advancing the safe transportation of energy and other hazardous materials that are essential to our daily lives. To do this, the agency establishes national policy, sets and enforces standards, educates, and conducts research to prevent incidents. It also prepares the public and first responders to reduce consequences if an incident does occur.

PRBA – The Portable Rechargeable Battery Association

PRBA serves as the voice of the rechargeable power industry, representing its members on legislative, regulatory and standards issues at the state, federal and international level.

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SAE International

Formerly the Society of Automotive Engineers, SAE International is a global association of engineers and related technical experts in the aerospace, automotive and commercial-vehicle industries. Its mission is to advance mobility knowledge and solutions for the benefit of humanity.

SAE G-27

SAE G-27, Lithium Battery Packaging, is a technical committee in SAE's General Projects Systems Group with the responsibility for the development and maintenance of minimum performance package standards that support the safe shipment of lithium batteries as cargo on aircraft.

SAE J3303

SAE J3303 is a subcommittee on Lithium and Lithium-Ion Cell and Battery Containment Performance Recommended Practice for Storage. J3303 is focused on crafting standards and regulations for safe storage of lithium-ion batteries.

TDG – Transportation of Dangerous Goods Regulations (Canada)

The TDG Regulations are a set of rules that prescribe safety standards and shipping requirements for thousands of different dangerous goods. The Regulations also provide a means of communicating the nature and level of hazard and risk associated with these dangerous goods.

UN IWG – United Nations Informal Working Group on Documentation and Other Procedural Questions

The UN Security Council IWG was established in 1993 to study and make recommendations for the improvement of the Council's practices and working methods. The group meets as agreed by members of the Security Council and makes recommendations, proposals, and suggestions concerning the Council's documentation and other procedural questions.

UN MR –United Nations Model Regulations

The Model Regulations cover the classification of dangerous goods and their listings, the use, construction, testing and approval of packagings and portable tanks, and the consignment procedures (marking, labeling, placarding and documentation).