

# UNTDG Glossary

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**Please note:** JWD InfoLogistics does not take responsibility for the content of these definitions, nor does JWD endorse these as official definitions. The definitions of the terms are given for useful reference only.

**Remarks:** These definitions are obtained from Recommendations on the Transport of Dangerous Goods Model Regulations (Sixteen revised edition) by United Nations.

## **Aerosol or aerosol dispenser**

Aerosol or aerosol dispenser means a non-refillable receptacle meeting the requirements of 6.2.4, made of metal, glass or plastics and containing.

## **Alternative arrangement**

Alternative arrangement means an approval granted by the competent authority for a portable tank of MEGC that has been designed, constructed or tested...

## **Animal material**

Animal material means animal carcasses, animal body parts, or animal foodstuffs.

## **ASTM**

ASTM means the American Society for Testing and Materials (ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA, 19428-2959, ...

## **Bag**

Bag means a flexible packaging made of paper, plastics film, textiles, woven material or other suitable materials.

## **Box**

Box means a packaging with complete rectangular or polygonal faces, made of metal, wood, plywood, reconstituted wood, fibreboard, plastics or other su...

## **Bulk container**

Bulk container means a containment system (including any liner or coating) intended for the transport of solid substances which is in direct contact w...

## **Bundle of cylinders**

Bundle of cylinders means an assembly of cylinders that are fastened together and which are interconnected by a manifold and transported as a unit. ...

## **Cargo aircraft**

Cargo aircraft means any aircraft, other than a passenger aircraft, which is carrying goods or property.

## **Cargo transport unit**

Cargo aircraft means any aircraft, other than a passenger aircraft, which is carrying goods or property.

## **Carrier**

Carrier means any person, organization or government undertaking the transport of dangerous goods by any means of transport. The term includes b...

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## **CGA**

CGA means the Compressed Gas Association (CGA, 4221 Walney Road, 5th Floor, Chantilly VA 20151 - 2923, United States of America).

## **Closed cargo transport unit**

Closed cargo transport unit means a cargo transport unit which totally encloses the contents by permanent structures with complete and rigid surfaces....

## **Closure**

Closure means a device which closes an opening in a receptacle.

## **Combination packaging**

Combination packaging means a combination of packaging for transport purposes, consisting of one or more inner packaging secured in an outer packaging

## **Competent authority**

Competent authority means anybody or authority designated or otherwise recognized as such for any purpose in connection with these Regulations.

## **Compliance assurance**

Compliance assurance means a systematic programmer of measures applied by a competent authority which is aimed at ensuring that the provision of these ...

## **Composite packaging**

Composite packaging means a packaging consisting of an outer packaging and an inner receptacle so constructed that the inner receptacle and the outer ...

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Composite packaging means a packaging consisting of an outer packaging and an inner receptacle so constructed that the inner receptacle and the outer ...

## **Confinement system**

for the transport of Class 7 material, means the assembly of fissile material and packaging components specified by the designer and agreed to by the ...

## **Consignee**

Means any person, organization or government which is entitled to take delivery of a consignment

## **Consignment**

Means any package or packages, or load of dangerous goods, presented by a consignor for transport

## **Consignor**

Means any person, organization or government which prepares a consignment for transport

## **Containment system**

For the transport of Class 7 material, means the assembly of components of the packaging specified by the designer as intended to retain the radioactive.

## **Conveyance**

Conveyance means (a) For transport by road or rail: any vehicle; (b) For transport by water: any vessel, or any hold, compartment, or defined deck a...

## **Crate**

Crate means an outer packaging with incomplete surfaces

## **Critical temperature**

Critical temperature means the temperature above which the substance cannot exist in the liquid state

## **Criticality safety index (CSI)**

Criticality safety index (CSI) assigned to a package, overpack or freight container containing fissile material, for the transport of Class 7 material...

## **Cryogenic receptacle**

Cryogenic receptacle means a transportable thermally insulated receptacle for refrigerated liquefied gases, of a water capacity of not more than 1,000...

## **Cylinder**

Cylinder means a transportable pressure receptacle of a water capacity not exceeding 150 litres

## **Defined deck area**

Defined deck area means the area of the weather deck of a vessel, or of a vehicle deck of a roll-on/roll-off ship or a ferry, which is allocated for t...

## **Design**

Design, for the transport of Class 7 material, means the description of special form radioactive material, low dispersible radioactive material, packa...

## **Drum**

Drum means a flat-ended or convex-ended cylindrical packaging made of metal, fibreboard, plastics, plywood or other suitable materials.

## **Elevated temperature substance**

Elevated temperature substance means a substance which is transported or offered for transport: - in the liquid state at a temperature at or above 10...

## **EN (standard)**

EN (standard) means a European standard published by the European Committee for Standardization (CEN) (CEN – 36 rue de Stassart, B-1050 Brussels, Belguirm.

## **Exclusive use**

Exclusive use, for the transport of Class 7 material, means the sole use, by a single consignor, of a conveyance or of a large freight container, in r...

## **Filling ratio**

Filling ratio means the ratio of the mass of gas to the mass of water at 15 °C that would fill completely a pressure receptacle fitted ready for use.

## **Flexible IBCs**

For flexible IBCs, see “Routine maintenance of flexible IBCs”.

## **Freight container**

Freight container means an article of transport equipment that is of a permanent character and accordingly strong enough to be suitable for repeated u...

## **Fuel cell**

Fuel cell means an electrochemical device that converts the chemical energy of a fuel to electrical energy, heat and reaction products.

## **Fuel cell engine**

Fuel cell engine means a device used to power equipment and which consists of a fuel cell and its fuel supply, whether integrated with or separate fr...

## **GHS**

GHS means the third revised edition of the Globally Harmonized System of classification and labelling of chemicals, published by the United Nations as...

## **IAEA**

IAEA means the International Atomic Energy Agency (IAEA, P.O. Box 100 – A -1400 Vienna, Austria)

## **ICAO**

ICAO means the International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

## **IMO**

IMO means the International Maritime Organization (IMO, 4 Albert Embankment, and London SE1 7SR, United Kingdom)

## **Inner packaging**

Inner packaging means a packaging for which an outer packaging is required for transport.

## **Inner receptacle**

Inner receptacle means a receptacle which require an outer packaging in order to perform its containment function

## **Inspection body**

Inspection body means an independent inspection and testing body approved by the competent authority

## **Intermediate Bulk Container (IBC)**

IBC means any rigid or flexible portable packaging, other than those specified in Chapter 6.1, that:  
(a) has a capacity of:

## **Intermediate packaging**

Intermediate packaging means a packaging placed between inner packagings, or articles, and an outer packaging.

## **ISO (standard)**

ISO (standard) means an international standard published by the International Organization for Standardization

## **Jerrican**

Jerrican means a metal or plastics packaging of rectangular or polygonal cross-section.

## **Large packaging**

Large packaging means a packaging consisting of an outer packaging which contains articles or inner packagings and which (a) is designed for mechanic...

## **Liner**

Liner means a separate tube or bag inserted into a packaging, (including IBCs and large packagings) but not forming an integral part of it, including...

## **Liquid**

Liquid means a dangerous good which at 50 °C have a vapour pressure of not more than 300 kPa (3 bar), which is not completely gaseous at 20 °C and at...

## **Manual of Tests and Criteria**

Manual of Tests and Criteria means the fifth revised edition of the United Nations publication entitled "Recommendations on the Transport of Dangerous..."

## **Maximum capacity**

Maximum capacity as used in 6.1.4 means the maximum inner volume of receptacles or packagings expressed in litres.

## **Maximum net mass**

Maximum net mass means the maximum net mass of contents in a single packaging or maximum combined mass of inner packaging and the contents thereof

## **Maximum normal operating pressure**

Maximum normal operating pressure, for the transport of Class 7 material, means the maximum pressure above atmospheric pressure at mean sea-level that...

## **Metal hydride storage system**

Metal hydride storage system means a single complete hydrogen storage system, including a receptacle, metal hydride, pressure relief device, shut-off ...

## **Multilateral approval**

Multilateral approval, for the transport of Class 7 material, means approval by the relevant competent authority of the country of origin of the design

## **Multiple-element gas container (MEGC)**

Multiple-element gas container (MEGC) means a multimodal assembly of cylinders, tubes and bundles of cylinders which are interconnected by a manifold ...

## **Offshore bulk container**

Offshore bulk container means a bulk container specially designed for repeated use for transport of dangerous goods to, from and between offshore faci...

## **Open cryogenic receptacle**

Open cryogenic receptacle means a transportable thermally insulated receptacle for refrigerated liquefied gases maintained at atmospheric pressure by ...

## **Outer packaging**

Outer packaging means the outer protection of a composite or combination packaging together with any absorbent materials, cushioning and any other com...

## **Overpack**

Overpack means an enclosure used by a single consignor to contain one or more packages and to form one unit for convenience of handling and stowage du...

## **Package**

Package means the complete product of the packing operation, consisting of the packaging and its contents prepared for transport.

## **Packaging**

Packaging means one or more receptacles and any other components or materials necessary for the receptacles to perform their containment and other saf...

## **Passenger aircraft**

Passenger aircraft means an aircraft that carries any person other than a crew member, a carrier's employee in an official capacity, an authorized rep...

## **Portable tank**

Portable tank means: (a) For the purposes of the transport of substances of Class 1 and Classes 3 to 9, a multimodal portable tank. It includes a she...

## **Pressure drum**

Pressure drum means a welded transportable pressure receptacle of a water capacity exceeding 150 litres and of not more than 1,000 litres

## **Pressure receptacle**

Pressure receptacle is a collective term that includes cylinders, tubes, pressure drums, closed cryogenic receptacles, metal hydride storage system an...

## **Quality assurance**

Quality assurance means a systematic programme of controls and inspections applied by any organization or body which is aimed at providing adequate co...

## **Radiation level**

Radiation level, for the transport of Class 7 material, means the corresponding dose rate expressed in millisieverts per hour.

## **Radioactive contents**

Radioactive contents, for the transport of Class 7 material, mean the radioactive material together with any contaminated or activated solids, liquids...

## **Receptacle**

Receptacle means a containment vessel for receiving and holding substances or articles, including any means of closing.

## **Reconditioned packaging**

Reconditioned packagings include: (a) Metal drums that: (i) are cleaned to original materials of construction, with all for...

## **Recycled plastics material**

Recycled plastics material means material recovered from used industrial packaging that has been cleaned and prepared for processing into new packaging

## **Remanufactured drum**

Remanufactured drum is subject to the same requirements of these Regulations that apply to a new drum of the same type.

## **Remanufactured IBC**

Remanufactured IBC means a metal, rigid plastics or composite IBC that: (a) is produced as a UN type from a non-UN type; or (b) is converted from on...

## **Remanufactured large packaging**

Remanufactured large packaging means a metal or rigid plastics large packaging that: (a) Is produced as a UN type from a non-UN type; or (b) Is conv...

## **Remanufactured packaging**

Remanufactured packaging include: (a) Metal drums that: (i) are produced as a UN type from a non-UN type;

## **Repaired IBC**

Repaired IBC means a metal, rigid plastics or composite IBC that, as a result of impact or for any other cause

## **Repaired IBC**

Repaired IBC (see “Intermediate Bulk Container (IBC)”);

## **Repaired IBC**

Repaired IBC means a metal, rigid plastics or composite IBC that, as a result of impact or for any other cause

## **Reused large packaging**

Reused large packaging means a large packaging to be refilled which has been examined and found free of defects affecting the ability to withstand the...

## **Rigid IBC**

For rigid IBCs, see “Routine maintenance of rigid IBCs”.

## **Reused packaging**

Reused packaging means a packaging to be refilled which has been examined and found free of defects affecting the ability to withstand the performance...

## **Routine maintenance of flexible IBC**

Routine maintenance of flexible IBC (see “Intermediate Bulk Container (IBC)”)

## **Routine maintenance of rigid IBC**

Routine maintenance of rigid IBC (see “Intermediate Bulk Container (IBC)”)

## **Routine maintenance of rigid IBCs**

Routine maintenance of rigid IBCs means the routine performance on metal, rigid plastics or composite IBCs of operations such as: (a) Cleaning; (b)...

## **Salvage packaging**

Salvage packaging means a special packaging into which damaged, defective, leaking or non-conforming dangerous goods packages, or dangerous goods that...

## **Settled pressure**

Settled pressure means the pressure of the contents of a pressure receptacle in thermal and diffusive equilibrium.

## **Shipment**

Shipment means the specific movement of a consignment from origin to destination.

## **Siftproof packaging**

Siftproof packaging means a packaging impermeable to dry contents including fine solid material produced during transport

## **Solid**

Solid means a dangerous good, other than a gas, that do not meet the definition of liquid in this paragraph.

## **Tank**

Tank means a portable tank (see 6.7.2.1), including a tank container, a road tank-vehicle, a rail tank-wagon or a receptacle to contain solids, liquid...



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## **Test pressure**

Test pressure means the required pressure applied during a pressure test for qualification or requalification.

## **Through or into**

Through or into means through or into the countries in which a consignment is transported but specifically excludes countries “over” which a consigne...

## **Transport index (TI)**

Transport index (TI) assigned to a package, overpack or freight container, or to unpackaged LSA-I or SCO-I, for the transport of Class 7 material, mea...

## **Tube**

Tube means a seamless transportable pressure receptacle of a water capacity exceeding 150 litres but not more than 3,000 litres

## **UNECE**

UNECE means the United Nations Economic Commission for Europe (UNECE, Palais des Nations, 8-14 avenue de la Paix, CH-1211 Geneva 10, Switzerland)

## **Unilateral approval**

Unilateral approval, for the transport of Class 7 material, means an approval of a design which is required to be given by the competent authority of ...

## **Vehicle**

Vehicle means a road vehicle (including an articulated vehicle, i.e. a tractor and semi-trailer combination), railroad car or railway wagon. Each trai...

## **Vessel**

Vessel means any seagoing vessel or inland waterway craft used for carrying cargo.

## **Wooden barrel**

Wooden barrel means a packaging made of natural wood, of round cross-section, having convex walls, consisting of staves and heads and fitted with hoop...

## **Working pressure**

Working pressure means the settled pressure of a compressed gas at a reference temperature of 15 °C in a full pressure receptacle.

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