Free translation

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| **Appendix I** |

Container/Equipment Description Codes

This appendix provides a list of valid description codes for containers/equipment

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| **Code** | **Description** |
| 00 | With opening at one or both ends |
| 01 | With opening(s) at one or both ends, additional "full" opening at one or both ends |
| 02 | With opening(s) at one or both ends, additional "partial" opening at one or both ends |
| 03 | With opening at one or both ends, additional roof opening |
| 04 | With opening on one or both ends, additional roof opening, additional opening on one or both sides. |
| 05 | (Empty) |
| 06 | (Empty) |
| 07 | (Empty) |
| 08 | (Empty) |
| 09 | (Empty) |
| 10 | Passive vents at the top of the cargo space - Total cross-sectional area < 25 cm2/m of nominal container length |
| 11 | Passive vents at the top of the cargo space - Total cross-sectional area >25 cm2/m of nominal container length |
| 12 | (Empty) |
| 13 | Non-mechanical system, ventilation at the top or bottom of the load space |
| 14 | (Empty) |
| 15 | (Empty) |
| 16 | (Empty) |
| 17 | Mechanical ventilation system, external location |
| 18 | (Empty) |
| 19 | (Empty) |
| 20 | Insulated - containers must have insulation of "K" values Kmax values < 0.4 W/(m2.oC). |
| 21 | Insulated - containers must have insulation of "K" values Kmax values < 0.7 W/(m2.oC). |
| 22 | Heated - containers must have insulation "K" values < 0.4 W/(m2.oC). Containers are required to maintain an internal temperature given by ISO1496/2. Series 1 cargo containers - specifications and tests - part 2: containers termicos |
| 23 | (Empty) |
| 24 | (Empty) |
| 25 | Livestock Carrier |
| 26 | Carrier of cars |
| 27 | (Empty) |
| 28 | (Empty) |
| 29 | (Empty) |
| 30 | Refrigerated - expels refrigerant - containers must have insulation "K" values Kmax values < 0.4 W/(m2.oC). Containers are required to maintain an internal temperature given by ISO1496/2. Series 1 cargo containers - specifications and tests - part 2: thermal containers |
| 31 | Mechanically refrigerated - containers must have insulation of "K" values < 0.4 W/(m2.oC) Containers are required to maintain an internal temperature given by ISO1496/2. Series 1 cargo containers - specifications and tests - part 2: thermal containers |
| 32 | Refrigerated and heated containers must have insulation values "K" values of Kmax < 0.4 W/(m2.oC). Containers are required to maintain an internal temperature given by ISO1496/2. Series 1 cargo containers - specifications and tests - part 2: thermal containers |
| 33 | (Empty) |
| 34 | (Empty) |
| 35 | (Empty) |
| 36 | (Empty) |
| 37 | (Empty) |
| 38 | (Empty) |
| 39 | (Empty) |
| 40 | Cooled and/or heated with removable equipment located EXTERNALLY - containers must have "K" values of Kmax < 0.4 W/(m2.oC) |
| 41 | (Empty) |
| 42 | (Empty) |
| 43 | (Empty) |
| 44 | (Empty) |
| 45 | (Empty) |
| 46 | (Empty) |
| 47 | (Empty) |
| 48 | (Empty) |
| 49 | (Empty) |
| 50 | Opening of one or both ends |
| 51 | Opening of one or both ends, additionally the upper frames of the side doors are removed. |
| 52 | Opening of one or both ends, additional opening on one or both sides |
| 53 | Opening of one or both ends, additional opening on one or both sides, additionally the upper frames of the side doors are removed |
| 54 | (Empty) |
| 55 | (Empty) |
| 56 | (Empty) |
| 57 | (Empty) |
| 58 | (Empty) |
| 59 | (Empty) |
| 60 | Platform (container) - Type 60. A loading platform without a superstructure, but which has the same length and width dimensions as the series 1 container base and equipped with stop and corner adjustments, similar to the series 1, can be used with the same locking and loading devices. |
| 61 | With conditioned final sections (2) |
| 62 | With independent posts |
| 63 | With complete and articulated end sections |
| 64 | With independent articulated posts |
| 65 | With ceiling |
| 66 | With ceiling opening |
| 67 | With roof opening, without sides (skeleton) |
| 68 | (Empty) |
| 69 | (Empty) |
| 70 | For non-hazardous liquids, pressure test 0.45 bar |
| 71 | For non-hazardous liquids, pressure test 1.5 bar |
| 72 | For non-hazardous liquids, pressure test 2.65 bar |
| 73 | For hazardous liquids, pressure test 1.5 bar |
| 74 | For hazardous liquids, pressure test 2.65 bar |
| 75 | For hazardous liquids, pressure test 4.0 bar |
| 76 | For hazardous liquids, pressure test 6.0 bar |
| 77 | For hazardous liquids, pressure test 10.5 bar |
| 78 | For hazardous liquids, pressure test 22.0 bar |
| 79 | For hazardous liquids, pressure test (to be developed) |
| 80 | Reserved for dry bulk containers (code assignment, feature text and notes, where required, will be provided by ISO/TC 104/5C 2) |
| 81 | Reserved for dry bulk containers (code assignment, feature text and notes, where required, will be provided by ISO/TC 104/5C 2) |
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| 88 | Reserved for dry bulk containers (code assignment, feature text and notes, where required, will be provided by ISO/TC 104/5C 2) |
| 89 | Reserved for dry bulk containers (code assignment, feature text and notes, where required, will be provided by ISO/TC 104/5C 2) |
| 90 | Aerial containers/surface: code features will be developed by ISO and IATA jointly. It is foreseen that containers to be transported in aircrafts will be located in the numbering 90 to 99 |
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| 20 | 20 ft. IL container (top opening) |
| 2B | 20 ft. IL container (no top opening) |
| 2D | Control unit |
| 2E | Support Unit |
| 2F | Railroad car |
| 40 | 40 ft. IL container (top opening) |
| 4B | 40 ft. IL container (no top opening) |
| AC | Closed container |
| AF | Air freight (break bulk) |
| AL | Aluminium container (must be made of aluminium |
| AP | Aircraft |
| AT | Closed container (temperature controlled) |
| BC | Covered load |
| BE | Double level wagon completely open |
| BF | Closed double level wagon |
| BG | Cart |
| BH | Double wagon screen, with roof |
| BJ | Dual Wagon Screen, Roofless |
| BK | Loose Cargo Container |
| BO | Open Barge |
| BR | Barge |
| BX | Van |
| CA | Tail van |
| CB | Gooseneck chassis |
| CC | Container on chassis |
| CD | Container with fastening points (rings or bars located on top of the container walls to place packages inside a sea-type container) |
| CG | Tank container (gas) |
| CH | Chassis |
| CI | Isolated container |
| CJ | Insulated/ventilated container |
| CK | Heated/insulated/ventilated container |
| CL | Container (top lock - length not specified) |
| CM | Container with side opening |
| CN | container |
| CP | Opened bonnet trolley |
| CQ | Container, food grade liquid tank |
| CR | Closed bonnet cart |
| CS | Container with opening at the bottom |
| CT | Container with opening at the top |
| CU | Container (top opening - length not specified) |
| CV | Closed van |
| CW | Chemical tank container |
| CX | Tank container |
| CZ | Refrigerated container |
| DD | Double Drop Trailer(base with double drop compartments) |
| DF | Container with recessed doors (container doors must be recessed within the internal walls of the shipping container |
| DT | Trailer with rear unloading door |
| DX | Van with anti damage system equipped |
| ET | Train tail |
| FH | Trailer flatbed with frames |
| FN | Trailer flatbed with side panels available |
| FP | Flatbed with pedestal |
| FR | Trailer flatbed with side panels available |
| FS | Container with floor safety rings (floor level devices that can be used to secure the load) |
| FT | Trailer Flatbed |
| FX | Van with cushioning |
| GS | Generator assembly |
| HB | Container with hanging bar (container equipped with bars or beams for hanging clothes) |
| HC | Hopper (cover) |
| HO | Hopper (open) |
| HP | Hopper (cover: pneumatic discharge) |
| HT | Main train unit |
| HV | High capacity van |
| HY | Hydrant-cart (used in large airports with distribution systems installed to make deliveries inside the aircraft; must be distinguished from other fueled vehicles |
| ID | Idle car |
| IX | Insulated van |
| LO | Locomotive |
| LS | Half height flat shelf |
| LU | Equipment loading and unloading device |
| NC | Non-containerized |
| NX | Van with internal partitions |
| OB | Ocean vessel (Breakbulk ) |
| OT | Top opening trailer/flat bed |
| OV | Top opening van |
| PL | Container, platform |
| PP | Power source (container that carries an engine, generator or fuel tank; used to power refrigerated containers) |
| PT | Protected Trailer |
| PU | Pick-up road |
| RA | Fixed frame, flatbed trailer (a flatbed trailer with an "A" frame) |
| RC | Refrigerated cart (reefer) |
| RD | Fixed frame, double fall trailer |
| RE | Flat car (screens at the end) |
| RF | Flatbed |
| RG | Covered Gondola |
| RI | Gondola trolley (covered interior partition) |
| RL | Roadrailer |
| RO | Gondola cart (open) |
| RR | Railroad car |
| RS | Fixed frame |
| RT | Temperature controlled trailer (reefer) |
| SA | Saddle (device to secure containers to a rail car) |
| SC | Service cart |
| SD | Single drop trailer (flatbed trailer with drop deck) |
| SK | Stacking car |
| SL | Steel container (the container must be made of steel) |
| SR | STAK-RAK (A device by which all chassis are stacked in "block") |
| SS | Container with soft sides (walls in shipping containers must be flat/soft) |
| ST | Trailer with removable side |
| SV | Van with special length, width or height |
| TA | Heated/insulated/ventilated trailer |
| TB | Trailer, board |
| TC | Trailer, car |
| TF | Trailer, dry cargo |
| TG | Trailer, gas tank |
| TH | Truck, top side opening |
| TI | Trailer, thermal |
| TJ | Trailer, chemical tank |
| TK | Trailer, tank (food-liquid grade) |
| TL | Trailer (no further specification) |
| TM | Trailer, insulated/ventilated |
| TN | Tank truck |
| TO | Upper opening truck |
| TP | Pneumatic trailer (Specialized trailer with pneumatic device for loading and unloading) |
| TQ | Trailer with electric heater (Trailer with the ability to prevent product freezing) |
| TR | Tractor |
| TT | Telescopic Trailer |
| TU | Upper opening truck low side |
| TV | Truck van |
| TW | Refrigerated Trailer (Refrigerated trailer with the ability to keep product frozen) |
| UA | 3 level 20 ft. railroad car |
| UB | Armored, fully enclosed, 3 level railroad car |
| UC | 3 level railroad car, with roof |
| UD | 3-level railroad carriage, without roof |
| UE | 3 level rail car with doors, without roof |
| UL | Unit Load Device (ULD) |
| UP | Improved container for higher weights |
| VA | Ventilated Container (dry container with vents that allow air to cross |
| VE | Oceanic vessel |
| VL | Lake vessel |
| VR | Oceanic vessel, Rollon-Rolloff |
| VS | Ocean-going vessel, whiplash |
| VT | Ocean container ship |
| WR | Container with wavy sides |
| WY | Railroad maintenance trolley |
| **The third and fourth characters of the code in the appendix identify the type of container/equipment below.** | |
| **Containers/general purpose equipment** | |
| G0 | Opening(s) at one or both ends |
| G1 | Passive vents at the top of the cargo space - Total cross-sectional area < 25 cm2/m of nominal container length |
| G2 | Opening(s) at one or both ends, additional "full" openings on one or both sides |
| G3 | Opening(s) at one or both ends, additional partial opening(s) on one or both sides. |
| G4 | (Empty) |
| G5 | (Empty) |
| G6 | (Empty) |
| G7 | (Empty) |
| G8 | (Empty) |
| G9 | (Empty) |
| K0 | Non-liquid tank container DG |
| K1 | DG liquid tank container |
| K2 | DG liquid tank container |
| K3 | DG liquid tank container |
| K8 | Gas Tank Container |
| V0 | Non-mechanical system, ventilation at the top or bottom of the load space |
| V1 | (Empty) |
| V2 | Mechanical ventilation system, internal location |
| V4 | (Empty) |
| V5 | (Empty) |
| V6 | (Empty) |
| V7 | (Empty) |
| V8 | (Empty) |
| V9 | (Empty) |
| **Dry cargo container** | |
| B0 | Closed |
| B1 | Hermetic |
| B2 | (Empty) |
| B3 | Horizontal discharge, pressure test 1.5 bar |
| B4 | Horizontal discharge, pressure test 2.65 bar |
| B5 | Discharge ramp, pressure test 1.5 bar |
| B6 | Discharge ramp, pressure test 2.65 bar |
| B7 | (Empty) |
| B8 | (Empty) |
| B9 | (Empty) |
| **Named cargo containers** | |
| S0 | Cattle carrier |
| S1 | Carrier |
| S2 | Live fish carrier |
| S3 | (Empty) |
| S4 | (Empty) |
| S5 | (Empty) |
| S6 | (Empty) |
| S7 | (Empty) |
| S8 | (Empty) |
| S9 | (Empty) |
| **Thermal containers** | |
| R0 | Mechanically cooled |
| R1 | Mechanically cooled and heated |
| R2 | Mechanically cooled |
| R3 | Mechanically cooled and heated |
| R4 | (Empty) |
| R5 | (Empty) |
| R6 | (Empty) |
| R7 | (Empty) |
| **Thermal containers** | |
| R8 | (Empty) |
| R9 | (Empty) |
| H0 | Cooled and/or heated with removable equipment located EXTERNALLY - containers must have "K" values of Kmax < 0.4 W/(m2.oC). |
| H1 | Cooled and/or heated with removable equipment located INTERNALLY |
| H2 | Cooled and/or heated with removable equipment located EXTERNALLY - containers must have "K" values of Kmax < 0.7 W/(m2.oC). |
| H3 | (Empty) |
| H4 | (Empty) |
| H5 | Isolated - containers must have insulation of "K" values < 0.4 W/(m2.oC). |
| H6 | Insulated - containers must have insulation of "K" values Kmax values < 0.7 W/(m2.oC). |
| H7 | (Empty) |
| H8 | (Empty) |
| H9 | (Empty) |
| **Top opening containers** | |
| U0 | Top opening containersOpening(s) at one or both ends |
| U1 | Opening(s) at one or both ends, additional partial opening(s) at one or both ends |
| U2 | Opening(s) at one or both ends, in addition to the roof opening, in addition to the opening on one or both sides |
| U3 | Opening(s) of one or both ends, additional opening on one or both sides, additionally the upper frames of the side doors are removed |
| U4 | Opening(s) at one or both ends, additional "partial" opening on one side and "complete" opening on the other. |
| U5 | Top opening without doors |
| U6 | (Empty) |
| U7 | (Empty) |
| U8 | (Empty) |
| U9 | (Empty) |
| **Platform (container)** | |
| P0 | Platform (container) |
| P1 | With conditioned final sections (2) |
| P2 | With conditioned posts, also anchored or with removable top post |
| P3 | Complete structure with articulated ends |
| P4 | With folding posts, also anchored or with removable top post |
| P5 | With roof opening, without sides (skeleton) |
| P6 | (Empty) |
| P7 | (Empty) |
| P8 | (Empty) |
| P9 | (Empty) |
| **Tank (container)** | |
| T0 | Minimum pressure 0.45 bar |
| T1 | Minimum pressure 1.5 bar |
| T2 | Minimum pressure 2.65 bar |
| T3 | Minimum pressure 1.5 bar |
| T4 | Minimum pressure 2.65 bar |
| T5 | Minimum pressure 4.0 bar |
| T6 | Minimum pressure 6.0 bar |
| T7 | Minimum pressure 9.1 bar |
| T8 | Minimum pressure 22 bar |
| T9 | Minimum pressure (to be developed) |