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| Appendix M |

**Type of Container/Equipment Codes**

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| *This appendix provides a cross reference of all elements, record identifiers and chapters.* |

The code consists of 4 individual digits used to identify a type of container or equipment. There are two types of container/equipment codes: "old" code, referring to equipment or containers that were manufactured before January 1, 1996, and "new" code, which was manufactured on or after January 1, 1996.

The "old" codes are all numerical. An example of an "old" type of container/equipment code is 4202. 42= 12, 000 mm or 40 feet in nominal length X 2,581mm or 8 feet 6 inches in nominal width without the gooseneck tunnel. 02 a general purpose container with an opening on both sides, plus a roof opening with a side opening.

The codes are displayed in the following tables. The first of the two characters of the code identifies length and width.

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| Serie ISO de los contenedores de carga y contenedores asimilados1 | Ancho nominal *h* | | *h*= 2,438 mm (8 ft) | | *h* = 2,581 mm (8 ft 6 in) | | *h* > 2,591 m (6ft 6 in) | | 1,219 mm (4 ft)  <*h* <1,295 mm (4 ft 3 in) | | 1,295 mm (4 ft 3 in)  <*h* <2,436 mm (8 ft) | *h* = 1,219 mm (4 ft) |
| Altura nominal *L* | Túnel para cuello de ganso | Sin | Con | Sin | Con | Sin | Con | Sin | Con | Con o sin | Con o sin |
| Index | 0.00 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 3,000 mm (10 ft) | 1 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 6,000 mm (20 ft) | 2 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 9,000 mm (30 ft) | 3 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| 12,000 mm (40 ft) | 4 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 |
| Otros contenedores | 3,000 mm (10ft)  <*L* <6,000 mm (20 ft) | 6 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 |
| 6,000 mm (20 ft)  <*L* <9,000 mm (30 ft) | 7 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 |
| 9,000 mm (30 ft)  <*L* <12,000 mm (40 ft) | 8 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
| *L*> 12,000 (40 ft) | 9 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 89 | 99 |

1 –assimilated are those containers that in accordance with ISO 1161 in relation to the dimensions and location of the horizontal coupling corners and can be handled by the same team that lifts the ISO containers.

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|  | | Index | Código del tamaño designado de contenedor teniendo un largo nominal < 3,000 mm (10 ft) | | | | | | | | | |
| Contenedores de carga ISO | *L* < 3,000 mm (10 ft) | 0.00 | 0.00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 |
| Type de contenedores | Por ser asignados | | | | | | | | | | |
| Otros contenedores | *L* < 3,000 mm (10 ft) | 5 |  |  | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 |
| Volumen interno de los contenedores | Estos códigos serán asignados después | | | | | | | | | | |

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| **Type** | | **Characteristics** | |
| 0 | General purpose containers. General purpose containers with ventilation/ventilated: different thermal container, dry cargo, air cargo, or other specific container. Having floor, walls, and roof, and capable of being loaded by at least one door on one side, in some types, additional openings and, in other types, ventilated/ventilated.  Opening: Mobile or removable hinged panel of a container designed as a structure to contain the cargo, also retaining water and reasonably air. | Opening(s) on one side or both sides  Opening(s) on one or both sides, additional "full" openings on one or both sides    Opening(s) on one or both sides, additional partial opening(s) on one or both sides  Opening(s) on one or both sides, additional ceiling opening.  Opening(s) on one or both sides, in addition to ceiling opening, in addition to opening on one or both sides  (Empty)  (Empty)  (Empty)  (Empty)  (Empty) | 00  01  02  03  04  05  06  07  08  09 |
| 1 | Ventilated closed container. Closed ventilated/ventilated general purpose container: Container other than thermal. Dry cargo, air, or other specific container. With floor, walls and roof. And is capable of being loaded (through a door) on one side, in some types, with additional doors and, in other types, with ventilated openings as well. Opening: hinged or removable panel designed as a structure that contains the load, also retains water and reasonably air. | Passive vents at the top of the cargo space - Total cross-sectional area < 25 cm2/m of nominal container length  Passive vents at the top of the cargo space - Total cross-sectional area >25 cm2/m of nominal container length  (Empty) | 10  11  12 |

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| **Type** | | **Characteristics** | |
| 1 | Closed container, ventilated opening: hinged or removable panel designed as a structure that contains the load, also retains water and reasonably air. | Non-mechanical system, ventilation at the top or bottom of the load space  (Empty)  Mechanical ventilation system, internal location  (Empty)  Mechanical ventilation system, external location  (Empty)  (Empty) | 13  14  15  16  17  18  19 |
| 2 | Thermal Container: Container types 20 to 49 are built with thermal walls, doors and roofs which slow down the rate of heat transfer between the inside and outside of the container. |  |  |
|  | Insulated container: thermal container without device for cooling or heating | Isolated - containers must have insulation of "K" values < 0.4 W/(m2.oC).  Insulated - containers must have insulation of "K" values Kmax values < 0.7 W/(m2.oC). | 20  21 |
|  | Heated container: thermal container conditioned with a heat-producing device | 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: thermal containers  (empty)  (empty) | 22  23  24 |

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| **Type** | | **Characteristics** | |
| 2 | Contenedores de carga nombrados. | Portador de ganado  Portador de automóviles  (vacío)  (vacío)  (vacío) | 25  26  27  28  29 |
| 3 | Thermal Container: Container types 20 to 49 are built with thermal walls, doors and ceilings, which slow down the rate of heat transfer between the inside and outside of the container.  Reefer Container: Thermal container that expels refrigerant gas or is conditioned with a refrigerant device. |  |  |
|  |  | 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  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 | 30  31 |

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| **Type** | | **Characteristics** | |
| 3 | Refrigerated and heated. Heated container: Thermal container conditioned with a heat-producing device. Refrigerated Container: Thermal container that expels refrigerant gas or is conditioned with a refrigerating device. | 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    (Empty)  (Empty)  (Empty)  (Empty)  (Empty)  (Empty)  (Empty) | 32  33  34  35  36  37  38  39 |
| 4 | RThermal Container: Container types 20 to 49 are built with thermal walls, doors and roofs, which slow down the rate of heat transfer between the inside and outside of the container. |  |  |

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| **Type** | | **Characteristics** | |
| 4 | Refrigerated and/or heated with removable equipment. Refrigerated Container: Thermal container that expels refrigerant gas or is conditioned with a refrigerating device. Removable Equipment: Refrigeration and/or heating device mainly designed to be coupled or uncoupled from the container when transferred between different modes of transportation.  The equipment may be "internally located". The container can be located in a building, i.e. totally within the external dimensions of the container cover defined in ISO 668, or located externally, i.e. partially or totally outside the external dimensions of the container cover defined in ISO 668. | Refrigerated and/or heated with removable equipment. Refrigerated and/or heated container with removable equipment located EXTERNALLY - containers must have "K" values of Kmax < 0.4 W/(m2.oC)  Refrigerated and/or heated with removable equipment located INTERNALLY - containers must have "K" values of Kmax < 0.4 W/(m2.oC)  Refrigerated and/or heated with removable equipment located EXTERNALLY - containers must have "K" values of Kmax < 0.7 W/(m2.oC)  (Empty)  (Empty)  (Empty)  (Empty)  (Empty)  (Empty)  (Empty) | 40  41  42  43  44  45  46  47  48  49 |

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| **Type** | | **Characteristics** | |
| 5 | Top opening container - a description applied when one or more of the sides, sides or roof of a container is permanently open | Opening of one or both sides  Opening of one or both sides, additionally the upper frames of the side doors are removed.  Opening of one or both sides, additional opening on one or both sides.  Opening of one or both sides, additional opening on one or both sides, additionally the upper frames of the side doors are removed  (Empty)  (Empty)  (Empty)  (Empty)  (Empty)  (Empty) | 50  51  52  53  54  55  56  57  58  59 |
| 6 | Platform (container) | Platform (container) - Type 60. A loading platform without a superstructure, but having the same length and width dimensions as the series 1 container base and equipped with stop and corner adjustments, similar to the series 1, the same locking and loading devices can be used. | 60 |

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| **Type** | | **Characteristics** | |
| 6 | Base-platform container with incomplete superstructure: container that has only the base-platform that can be provided with a cover. Platform(container): Type 60. A loading platform without superstructure, but having the same length and width dimensions of the container's base series 1 and equipped with stop and corner adjustments, similar to series 1, can be used with the same securing and loading devices. Base-platform container with incomplete structure with conditioned structure in the final sections or conditioned with independent posts according to the requirements of ISO 668 to cover the required height. | With conditioned final sections (2)  With independent posts  With complete and articulated end sections  With independent articulated posts | 61  62  63  64 |
| 6 | Base-platform container with superstructure and side opening | With ceiling  With ceiling opening  With ceiling opening, without sides (skeleton)  (Empty)  (Empty) | 65  66  67  68  69 |

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| **Type** | | **Characteristics** | |
| 7 | ank containers: tank container for liquids or gases: container specially built to transport and distribute liquids or gases in bulk (with reserves of national and international code and regulation requirements that may be applicable). Liquids: A fluid whose vapor pressure is not greater than : 3.0 bar (3 kgf/cm2) absolute at 50°C (42.67 lbf/in2 absolute at 122oF)  Gas: A gas or vapor with a pressure greater than 3.0 bar (3 kgf/cm2) absolute at 50oC (42.67 lbf/in2 absolute at 122oF).  Pressure tests for tank containers and dry cargo containers: the pressure test is given in minimum values of the respective class. Any dry cargo container or tank with a pressure test within the pressure range, between the minimum and the next maximum value, will belong to the corresponding lower class. Dangerous substances (goods) are those substances classified as dangerous by the UN Committee of Experts on the Transport of Dangerous Goods or by the competent authority. | For non-hazardous liquids, pressure test 0.45 bar  For non-hazardous liquids, pressure test 1.5 bar  For non-hazardous liquids, pressure test 2.65 bar  For hazardous liquids, pressure test 1.5 bar  For hazardous liquids, pressure test 2.65 bar  For hazardous liquids, pressure test 4.0 bar  For hazardous liquids, pressure test 6.0 bar  For hazardous liquids, pressure test 10.5 bar  For hazardous liquids, pressure test 22.0 bar  For hazardous liquids, pressure test (to be developed) | 70  71  72  73  74  75  76  77  78  79 |
| 8 | Dry bulk containers: The pressure test is given in minimum values of the respective class. Any dry bulk container or tank with a pressure test within the pressure range, between the minimum and the next maximum value, will belong to the corresponding lower class. | Reserved for dry bulk containers (code assignment, Characteristics text and notes, where required, will be provided by ISO/TC 104/5C 2) | 80 to 89 |
| 9 | Air Containers/Surface: Characteristics of the code will be developed by ISO and IATA jointly. It is foreseen that containers to be transported in aircrafts will be located in the number 90 to 99 |  | 90 to 99 |

The "new" codes are all alphanumeric. An example of a "new" container/equipment is 4EV0 4=12,192 mm or 40 feet long; E=2,895m (9'6'') x >2,438 mm, but <2,500 mm wide, and V0= non-mechanical ventilation system at the top or bottom of the loading area.

The codes are displayed in the following tables. The first character of the code identifies the length.

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| **Code** | **Long** | |
| **Mm** | **Feet inches** |
| 1 | 2,991 | 10' |
| 2 | 8,058 | 20' |
| 3 | 9,125 | 30' |
| 4 | 12,192 | 40' |
| 5 | Vacío |  |
| 6 | Vacío |  |
| 7 | Vacío |  |
| 8 | Vacío |  |
| 9 | Vacío |  |
| A | 7,150 |  |
| B | 7,316 | 24' |
| C | 7,420 |  |
| D | 7,430 | 24' 6" |
| E | 7,800 |  |
| F | 8,100 |  |
| G | 12,500 | 41' |
| H | 13,106 | 43' |
| K | 13,600 |  |
| L | 13,716 | 45' |
| M | 14,630 | 48' |
| N | 14,935 | 49' |
| P | 15,154 |  |
| R | Vacío |  |
| " | Vacío |  |

The second character of the code identifies the width and height.

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| width mm (ft, in)  high mm (ft, in) | 2,438 (8') | 2,438 (>8')  <=2,500 (8',2.5”) | >2,500 (> 8'2.5”) |
| 2,438 (8') | 0 |  |  |
| 2,592 (8'6”) | 2 | C | L |
| 2,743 (9') | 4 | D | M |
| 2895 (9'6”) | 5 | E | N |
| > 2,895 (9'6”) | 6 | F | P |
| 1,295 (4'3”) | 8 |  |  |
| < = 1,219 (4') | 9 |  |  |