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SRI LANKA STANDARD 426 : 1977

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SPECIFICATION FOR MARKING AND IDENTIFICATION OF FREIGHT CONTAINERS

ලංකා ප්‍රමිති කාර්යාංශය

BUREAU OF CEYLON STANDARDS

SPECIFICATION FOR MARKING AND IDENTIFICATION OF FREIGHT CONTAINERS

S. L. S. 426 : 1977

Gr.8

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SRI LANKA STANDARD SPECIFICATION FOR MARKING AND IDENTIFICATION OF FREIGHT CONTAINERS

FOREWORD

This Sri Lanka Standard Specification was adopted from the ISO Recommendation Series 1 Freight Containers-Marking and the ISO Recommendation on Identification Marking Code for Freight Containers on the recommendations made by the Ad-hoc Committee on Freight Containers of the Bureau and was approved by the Metric Divisional Committee of the Bureau of Ceylon Standards and was authorised for adoption and publication by the Council of the Bureau on 1977-05-11.

This Sri Lanka Standard is in two parts. Part 1 of this standard is identical to ISO/DIS 790 – 1975 Series 1 Freight Containers-Marking and Part 2 of this standard is identical to ISO Recommendation 2716 : 1972 — Identification Marking Code for Freight Containers. The two parts are complementary to each other.

The Part 1 specifies the location and size of the coding marks on ISO series 1 freight containers. The Part 2 covers the identification marking for freight containers which is intended to provide information on both containers and the documentation and communications associated with their movement. The information is presented in such a manner as to be informative to operating personnel upon visual inspection and is suitable for automatic data processing.

In this standard the country code designation CLX given to Sri Lanka in ISO 2716 has been changed to SLA with the approval of the TC 104 Secratariat.

This is the second in a series of standards on Freight Containers, the other standards of the series being

1. SLS 425 : 1977 — Sri Lanka Standard Glossary of Terms Relating to Freight Containers.
2. SLS ..... — Sri Lanka Standard on External Dimensions and Ratings of Freight Containers.
3. SLS ..... — Sri Lanka Standard Specification of Corner Fittings for Series 1 Freight Containers.

This standard gives reference to all the above Sri Lanka Standards.

PART 1 - MARKING OF FREIGHT CONTAINERS

1.1 SCOPE

This Part of the standard specifies the location and size of the following coding marks on series 1 freight containers :

(*a*) owner code ;

(*b*) serial number and check digit ;

(*c*) country code ;

(*f*) size and type code ;

(*e*) maximum gross and tare mass*.

It is complementary to Part 2, which specifies in detail the coding requirements for owner code, serial number, country code, size and type code.

1.2 FIELD OF APPLICATION

This Sri Lanka Standard applies to series 1 containers as specified in SLS.....**.

Additionally, in the interest of international trade, it is recommended that this Sri Lanka Standard should, wherever applicable, be applied to transport equipment generally and also to containers other than those covered by SLS.....**.

1.3 MARKING SIZE

All marking shall be in characters not less than 100 mm (4 in) high, with the exception that maximum gross mass and tare mass characters shall be not less than 50 mm (2 in) high. All characters shall be of proportionate width and thickness ; they shall be durable and in a colour contrasting with that of the container.

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* The technical term 'mass' is used here instead of the commercial term 'weight'.

** SLS .... — Sri Lanka Standard on External Dimensions and Ratings of Freight Containers.

1.4 REQUIRED MARKING AND LOCATION

1.4.1 All containers of the closed box type and all other containers which have, or can be readily equipped with, adequate display surfaces at the recommended locations shall carry at least the markings described in Clauses 1.4.1.1 to 1.4.1.4.

The locations of markings are also indicated in Figure 1. Other containers shall carry at least the markings described in Clause 1.4.2.

1.4.1.1 One end (The doors, if provided) — The following marks shall be located at the top right-hand corner of the end :

1.4.1.1 *a*) 1) Owner code, serial number and check digit

Owner code	four	(4) capital letters
Serial number	six	(6) numerals
Check digit	one	(1) numeral
Total :		eleven (11) characters (ISO Code)

2) Country code, size and type code

Country code	three	(3) capital letters
Size and type code	four	(4) numerals
Total :		seven (7) characters

1.4.1.1 *b*) Maximum gross and tare mass

Maximum gross mass as : MAX GROSS

Tare mass as : TARE
in kilogrammes (kg)

Example

ABZU 001234 | 3 |
FXX 2030

MAX GROSS 00000 kg

TARE 0000 kg

1.4.1.2 **Opposite End** — The following marks shall be located at the top right-hand corner of this end:

Owner code, serial number and check digit

Owner code	four	(4) capital letters
Serial number	six	(6) numerals
Check digit	one	(1) numeral
Total:	eleven (11)	characters (ISO Code)

1.4.1.3 **Side Walls** — The following marks shall be located at the top right-hand corner of the side wall:

1.4.1.3 *a*) **Owner code, serial number and check digit**

Owner code	four	(4) capital letters
Serial number	six	(6) numerals
Check digit	one	(1) numeral
Total:	eleven (11)	characters

1.4.1.3 *b*) **Country code, size and type code**

Country code	three (3)	capital letters
Size and type code	four (4)	numerals
Total:	seven (7)	characters

1.4.1.4 **Roof** — The following marks shall be located at each end of the roof, with the bottom of the characters next to the transverse member of the end frames:

Owner code, serial number and check digit

Owner code	four	(4) capital letters
Serial number	six	(6) numerals
Check digit	one	(1) numeral
Total:	eleven (11)	characters

1.4.2 Other specific purpose containers which do not have, or cannot be readily equipped with, adequate display surfaces shall carry at least the markings described in Clauses 1.4.2.1 to 1.4.2.4.

The location of these markings shall be such that an observer standing 3 m (10 ft) from the mid-point of the side or end of a container is able to read the markings on that side or end when the container is suspended 1.2 m (4 ft) above ground level.

1.4.2.1 One end (the doors, if provided)— The following marks are required :

1.4.2.1 *a*) 1) Owner code serial number and check digit as in Clause 1.4.1.1 (*a*)

2) Country code, size and type code as in Clause 1.4.1.1 (*a*)

1.4.2.1 *b*) Maximum gross and tare mass as in Clause 1.4.1.1 (*b*)

Where it is not possible to adopt the marking layout described in Clause 1.4.1.1. (*a*), the marks shall, as far as practicable, be laid out as in the following example :

ABZU 001234 | 3 | FXX 2030

1.4.2.2 Opposite End — The following marks are required:

Owner code, serial number and check digit as in Clause 1.4.1.2.

1.4.2.3 Sides — The following marks are required :

1) Owner code, serial number and check digit as in Clause 1.4.1.3 (*a*)

2) Country code, size and type code as in Clause 1.4.1.3 (*b*).

Where it is not possible to adopt the marking layout indicated in Figure 1, the marks shall, as far as practicable, be laid out as in the following example :

ABZU 001234 | 3 | FXX 2080

1.4.2.4 Top

1.4.2.4 *a*) Except as detailed in Clause 1.4.2.4 (*b*), the following marks shall be located at each end of the top of the container:

Owner code, serial number and check digit as in Clause 1.4.1.4.

1.4.2.4 *b*) Exempt from the required top markings are:

1) containers without tops;

2) containers which are provided with interchangeable top coverings that obscure surfaces on which marks could be placed.

1.5 OPTIONAL MARKING REQUIREMENTS

Additional markings, where needed, are to be considered as optional requirements; for example:

1.5.1 the two established numbers authorized for containers belonging to UIC and OSJD railway administrations;

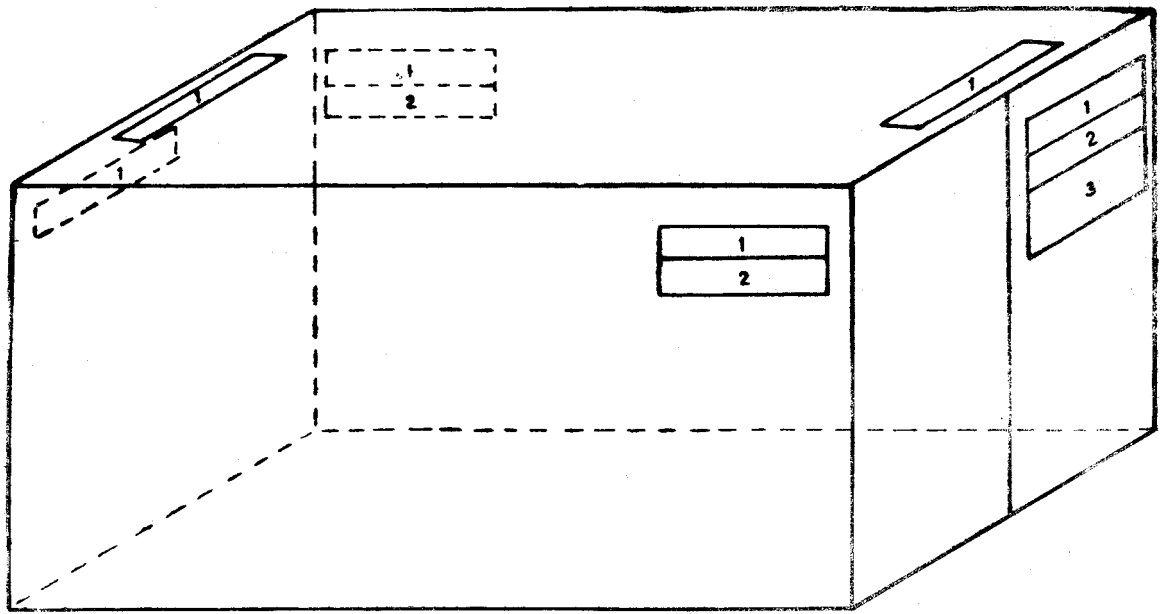
1.5.2 marks inside closed box type containers, on either the side wall or the side wall lining adjacent to the doors;

1.5.3 marks above the doors on the vertical face of the top transverse frame member;

1.5.4 height marks for containers of a height greater than 2.438 m (8 ft 0 in).

The Appendix 1 - A sets out the details of the mark.

Where these involve the owner code, serial number and check digit, these marks shall be displayed as a whole without omitting any part.



1. **Owner code**, serial number and check digit
2. **Country code**, size and type code
3. **Maximum** gross and tare mass

ABZU 001234	3	
FXX 2030		

MAX GROSS	00000 kg
TARE	0000 kg

Figure 1 - Location of markings

APPENDIX 1 - A

DETAILS OF OPTIONAL HEIGHT MARKS FOR CONTAINERS OF HEIGHT GREATER THAN 2·438 m (8 ft 0 in)

The marks shall consist of sets of black figures on a yellow background, surrounded by a black border (see example given in Figure 2).

The upper set of figures gives the height in metres to one decimal place (0·1 m), which shall not be less than the actual height (the abbreviation " m " shall not appear on the mark).

The lower set of figures gives the height in feet to the nearest $\frac{1}{4}$ ft, which shall not be less than the actual height (the abbreviation ' f ' shall not appear on the mark).

The size of the mark measured between the outside edges of the black border shall not be less than 115 mm x 115 mm, and the size of the figures shall be as large as possible, consistent with the need for clarity.

The mark shall be displayed in two places on each container : at the bottom right-hand corner of each side within a distance of approximately 0·6 m (2 ft) from the bottom of the container and either within a similar distance from the right-hand end or vertically below the identification number.

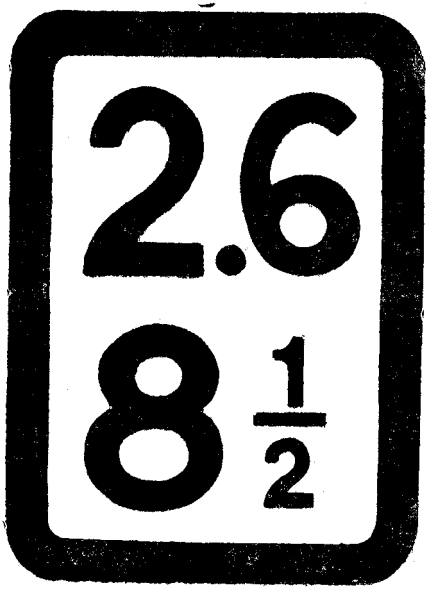


Figure 2.

Example of marking

PART 2 - IDENTIFICATION MARKING CODE FOR FREIGHT CONTAINERS

2.1 SCOPE

2.1.1 This Part of the standard establishes a marking code system for freight containers which provides :

1) unique international identification through an Owner Code, a Serial Number, and a Country Code ;

2) a system for verifying the accuracy of the recording of the owner Code and Serial Number ;

3) information on characteristics of container size and type.

The marking code system is compatible with the requirements of automatic data processing systems. The positioning and layout of the code on the container is specified.

2.1.2 The code system comprises the following three groups :

1)	Owner Code	4 letters
	Serial Number	6 numerals
	Check Digit	1 numeral
2)	Country Code	3 letters
3)	Size and Type Code	4 numerals

2.1.3 The code system is applicable to all (ISO and non-ISO) freight containers, as defined in Clause 1.1 of SLS 425: 1977*.

*SLS 425 : 1977 — Sri Lanka Standard Glossary of Terms Relating to Freight Containers.

2.2 OWNER CODE

The Owner Code shall comprise four capital letters of the latin alphabet where it is required to distinguish between codes relating to freight containers and those relating to other equipment, it is recommended that the fourth (final) letter of the Owner Code be U.

2.3 SERIAL NUMBER

The Serial Number shall comprise six arabic numerals. If the series of significant numerals does not total six, they shall be preceded by sufficient 0's to make up six numerals (for example, if the significant series of numerals is 1234, the Serial Number is 001234).

Operators wishing to use the owner's serial number to convey information about the characteristics of the container may refer to Appendix 2 - D. The system is available as an optional means of conveying information on the type and size of the container.

2.4 CHECK DIGIT

2.4.1 General — The Check Digit, which provides a means of verifying the accuracy of recording of the Owner Code and Serial Number, shall be determined as in Clause 2.4.2 to 2.4.6.

Note: The checking system is limited to verifying the accuracy of recording the Owner Code and Serial Number, which are the items most commonly required in reporting container movements. If the checking system were extended to cover other parts of the code, it would not then be possible to check the accuracy of the Owner Code and Serial Number when these were used on their own.

2.4.2 Numeric Equivalents of Owner Code and Serial Number — Each letter of the Owner Code and each numeral of the Serial Number shall be consecutively allocated a numeric value in accordance with Table 2.1.

TABLE 2.1

Serial Number	Owner Code			
Numeral or Equivalent value	Letter	Equivalent Value	Letter	Equivalent Value
0	A	10	N	25
1	B	12	O	26
2	C	13	P	27
3	D	14	Q	28
4	E	15	R	29
5	F	16	S	30
6	G	17	T	31
7	H	18	U	32
8	I	19	V	34
9	J	20	W	35
	K	21	X	36
	L	23	Y	37
	M	24	Z	38

Note: The equivalent values 11, 22 and 33 are omitted as they are multiples of the modulus (see Clause 2.4.4).

2.4.3 Weighting Factor — Each numeric equivalent, determined in accordance with 5.2, shall be multiplied by a weighting factor in the range 2^0 to 2^9. The weighting factor 2^0 is applied to the first letter of the Owner Code, and then in increasing powers of 2 rising to 2^9 for the last digit of the Serial Number.

2.4.4 Modulus — The sum of the products obtained according to Clause 2.4.3 shall be divided by a modulus of value 11.

2.4.5 Value of Check Digit — The following table indicates the Check Digit value corresponding to the remainder value of the division effected in conformity with Clause 2.4.4.

TABLE 2.2

Remainder	Check Digit
10	0
9	9
8	8
7	7
6	6
5	5
4	4
3	3
2	2
1	1
0	0

Where it is required to avoid the duplication resulting from the value 0 being assigned as remainders of both 10 and 0, it is recommended that Serial Numbers resulting in remainders of 10 should not be used.

2.4.6 Example of the Calculation of the Check Digit

Owner Code
A B Z U

Serial Number
1 2 3 4 5 6

Equivalent values :
10 12 38 32

Weighting factors :

× 1	2	4	8	16	32	64	128	256	512
10	24	152	256	16	64	192	512	1280	3072

The sum of the products	=	5 578
Divided by Modulus 11	=	507
Remainder	=	1

The Check Digit is 1

2.5 COUNTRY CODE

The Country Code shall comprise three capital letters of the latin alphabet, selected from the list in Appendix A and corresponding to the country where the Owner Code is registered.

Note : The Country Code does not of itself indicate the nationality of the owner.

2.6 SIZE AND TYPE CODE

The Size and Type Code shall comprise four arabic numerals.

The first two numerals, relating to dimensional characteristics, shall be selected from Appendix B.

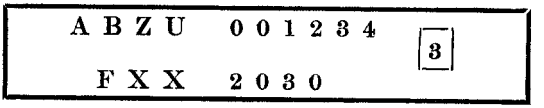
The second two numerals, relating to type characteristics, shall be selected from Appendix C.

2.7 LAYOUT OF CODE

2.7.1 The layout of the constituent parts of the code obtained from Clauses 2.2, 2.3, 2.4, 2.5 and 2.6 shall appear on every freight container as follows :

OWNER CODE	SERIAL NUMBER
	CHECK DIGIT
COUNTRY CODE	SIZE AND TYPE CODE

For example, considering a container having a French registered Owner Code of ABZU and a Serial Number 001234 whose nominal height and length are 2 435 mm (8 ft) and 6 000 mm (20 ft) and which is refrigerated :



2.7.2 On closed containers the full layout shall follow the pattern set out above. The Country Code shall appear immediately under the Owner Code. The first digit of the Size Code shall appear immediately under the first digit of the Serial Number. The Type Code shall follow immediately after the Size Code so that the second digit of the Type Code will be under the fourth digit of the Serial Number. The Check Digit shall always appear on the container in a 'box'.

2.7.3 On other types of containers such as skeletal frames, tanks etc., where this is often impractical the full marking code shall be given in sequence beginning with the Owner Code and ending with the Size and Type Code.

2.8 POSITIONING OF MARKING

The full code, conforming to the layout requirements of Clause 2.7.1 or 2.7.2 shall at least be marked on the top of the right rear door or end wall and top right-hand corner of each side.

APPENDIX 2 - A

COUNTRY CODE DESIGNATIONS

Albania	ALX
Algeria	DZX
Andorra	AND
Arab Republic of Egypt	ETX
Argentina	RAX
Australia	AUS
Austria	AXX
Barbados	BDS
Belgium	BXX
Botswana	RBX
Brazil	BRX
Bulgaria	BGX
Burma	BUR
Canada	CDN
Central African Republic	RCA

Chile	RCH
China (Taiwan)	RCX
Congo (Brazzaville)	RCB
Zaire, Rep. of (Congo, People's Rep. of)	CGO
Costa Rica	CRX
Cyprus	CYX
Czechoslovakia	CSX
Dahomey	DYX
Denmark	DKX
Dominican Republic	DOM
Ecuador	ECK
Finland	SFX
France	FXX
(French Overseas Territories)	
Gambia	WAG
Germany, Federal Republic of	DXX
Ghana	GHX
Greece	GRX
Guatemala	GCA
Haiti	RHX
Holy See	VXX
Hungary	HXX
Iceland	ISX
India	IND
Indonesia	RIX
Iran	IRX
Ireland	IRL
Israel	ILX
Italy	IXX
Ivory Coast	CIX
Jamaica	JAX
Japan	JXX
Jordan	HKJ
Kenya	EAK
Khmer Republic (Cambodia)	KXX
Korea, Republic of	ROK
Laos	LAO
Lebanon	RLX
Lesotho	LSX
Luxembourg	LXX
Madagascar	RMX
Malawi	MWX
Malaysia	PTM
Mali	RMM
Malta	MXX

Mauritius	MSX
Mexico	MEX
Monaco	MCX
Morocco	MAX
Netherlands	NLX
Surinam	SME
Netherlands Antilles	NAX
New Zealand	NZX
Nicaragua	NIC
Niger	NIG
Nigeria	WAN
Norway	NXX
Pakistan	PAK
Paraguay	PYX
Peru	PEX
Philippines	PIX
Poland	PLX
Portugal	PXX
(Portuguese Overseas Territories)	
Romania	RXX
Rwanda	RWA
San Marino	RSM
Senegal	SNX
Sierra Leone	WAL
Singapore	SGP
Sri Lanka (Ceylon)	SLA
South Africa, Rep. of	ZAX
Spain	EXX
(African Localities and Provinces)	
Swaziland	SDX
Sweden	SXX
Switzerland	CHX
Syria	SYR
Thailand	TXX
Togo	TGX
Trinidad and Tobago	TTX
Tunisia	TNX
Turkey	TRX
Uganda	EAU
Union of Soviet Socialist Republics	SUX
United Kingdom	GBX
Aden	ADN
Alderney	GBA
Bahamas	BSX
British Honduras	BHX

Brunei	...	...	...	BRU
Guernsey	...	...	...	GBG
Gibraltar	...	...	...	GBZ
Jersey	...	...	...	GBJ
Hong Kong	...	...	...	HKX
Province Wellesley	...	...	...	SSX
Seychelles	...	...	...	SYX
Southern Rhodesia	...	...	...	RSR
Windward Islands				
Grenada	...	...	...	WGX
St. Lucia	...	...	...	WLX
St. Vincent	...	...	...	WVX
United Republic of Tanzania				
Tanganyika		...	...	EAT
Zanzibar	...	...	...	EAZ
United States of America	...	...	...	USA
Uruguay	...	...	...	UXX
Vatican (see Holy See)				
Venezuela	...	...	...	YVX
Viet-Nam, Republic of	...	...	...	VNX
Western Samoa	...	...	...	WSX
Yugoslavia	...	...	...	YUX
Zambia	...	...	...	RNR

APPENDIX 2 - C

TYPE CODE DESIGNATIONS

The following table for other characteristics of containers, the Type Code, does not list all the possible characteristics of any one type of container. Indeed, for some types individual categories have not been listed at all as it is considered that further detailed study is necessary before a satisfactory structure can be agreed.

Where some numbers have been allocated to indicate individual characteristics, provision has been made for coding unlisted characteristics under " Others ". It is the intention that, as further developments take place in containerisation, the listed characteristics will be reviewed, and further code numbers allocated as appropriate from the present " Spare " code numbers.

Type	Characteristic	Code
Closed container 0 (See Notes 1 and 18)	Opening (s) at one or both ends	00
	Opening (s) at one or both ends plus opening (s) (full) on one or both sides	01
	Opening (s) at one or both ends plus opening (s) (partial) on one or both sides	02
(See Notes 2 & 18)	Opening (s) at one or both ends plus opening roof	03
	Opening (s) at one or both ends plus opening roof, plus openings at one or both sides	04
	Spares	05 06 07 08
	Others	09
Closed container 1 ventilated (See Notes 3 and 18)	Opening (s) at one or both ends	10
	Opening (s) at one or both ends plus opening (s) on one or both sides	11
	Spares	12 13
	Others	14
Mechanically ventilated (See Notes 3 and 18)	Opening (s) at one or both ends	15
	Opening (s) at one or both ends plus opening (s) on one or both sides	16
Spares		17
Others		19
Insulated container 2 (See Notes 4 and 18)	Opening (s) at one or both ends	20
	Opening (s) at one or both ends plus Opening (s) on one or both sides	21
	Ventilated or mechanically ventilated with opening (s) at one or both ends	22
	Ventilated or mechanically ventilated with opening (s) at one or both ends plus opening (s) on one or both sides	23
(See Notes 5 & 18)	Heated with opening (s) at one or both ends	24
	Heated with opening (s) at one or both ends, plus opening (s) on one or both sides	25
	Spares	26 27
	Others with opening (s) at one or both ends	28
	Others with opening (s) at one or both ends plus opening (s) on one or both sides	29

Type	Characteristic	Code
Refrigerated 3 container (See Notes 6 and 7)	Opening (s) at one or both ends	30
	Spares	31
		32
		33
		34
		35
		36
		37
		38
	Others	39
Refrigerated 4 container Removable equipment (See Note 8)	Opening (s) at one or both ends	40
	Spares	41
		42
		43
		44
		45
		46
		47
		48
	Others	49
Open top 5 container (See Notes 9 & 19)	Opening (s) at one or both ends	50
	Opening (s) at one or both ends plus removable top member (s) in end frame (s)	51
	Opening (s) at one or both ends plus opening (s) on one or both sides	52
	Opening (s) at one or both ends plus removable top and side frame	53
(See Notes 9 and 11)	With open wall (s) and opening (s) at one or both ends	54
(See Note 12)	Rigid skeletal frame	55
	Spares	56
		57
		58
	Others	59

Type	Characteristic	Code
Platform container 6 (See Note 13)	With some or all of top frame removable	60
	Not top liftable	61
	Spares	62
		63
	Others	64
Open wall container (with roof) (See Note 10)	Opening (s) at one or both ends	65
	Spares	66
		67
		68
	Others	69
Tank container 7 (See Note 14)	For liquids	70
		71
		72
		73
		74
(See Note 15)	For gases	75
		76
		77
		78
	Others	79
Special container 8 (See Note 17)	Bulk container with gravity discharge	80
	Bulk container with pressure discharge	81
	Spares	82
		83
		84
	Cattle carrier	85
	Automobile carrier	86
	Spares	87
		88
	Others	89
Air container 9		90
		91
		92
		93
		94
		95
		96
		97
		98
		99

Notes :

1. Closed containers ; Types 00 to 19. Container which can be loaded only through one or more doors in the side or end walls.

2. Container with opening roof : Types 03 and 04. Container which can be loaded through one or more means of opening the whole or part of the roof.

3. Ventilated container : Types 10 to 14. Closed container which has in the side or end walls, in addition to the loading and unloading openings, a non-forced system of ventilation.

   Mechanically ventilated container : Types 15 to 19. Closed container equipped with a means of forced ventilation.

4. Insulated container : Types 20 to 23. Container built with insulated walls, including doors, floor and roof where provided, by which heat exchanges between the inside and outside of the container can be limited in accordance with such conditions as may be required without the use of a source of heat or cold.

5. Heated container : Types 24 and 25. Container built with insulated walls, including doors, floor and roof where provided, fitted with a heat-producing appliance which is capable of raising the temperature inside the container and thereafter maintaining it in accordance with such conditions as may be required.

6. Refrigerated container : Types 30 to 39. Container built with insulated walls, including doors, floor and roof, where provided, using a source of cold other than a mechanical or "absorption" unit which is capable of lowering the temperature inside the container and thereafter maintaining it in accordance with such conditions as may be required.

7. Mechanically refrigerated container with individual equipment : Types 30 to 39. Container built with insulated walls, including doors, floor and roof where provided, fitted with individual refrigerating equipment, mechanical or with "absorption", which is capable of lowering the temperature inside the container and thereafter maintaining it in accordance with such conditions as may be required.

8. Mechanically refrigerated container with removable equipment or from centralized plant: Types 40 to 49. Container built with insulated walls, including doors, floor and roof where provided, fitted with removal mechanical or collect the refrigerating equipment, mechanical or with " absorption ", which is capable of lowering the temperature inside the container and thereafter maintaining it in accordance with such conditions as may be required.

9. Open top container: Types 50 to 59. Container with bottom, side and end walls but no roof.

10. Open wall (s) container: Types 65 to 69. Container without one or more side walls.

11. Open top/open wall (s) container: Type 54. Container without roof and side wall (s).

12. Open top/open side/open end: Type 55. Container without top, sides or ends, having at least a base, angle structures and a top frame with corner fittings.

13. Platform container: Types 60 to 64. A type of loadable platform having the same length and width as the base of the series 1 container, and equipped at least with the bottom corner fittings located as on these containers, so that the same securing and lifting devices can be used.

14. Tank container (for liquids): Types 70 to 74. Container especially built for transporting and distributing liquids in bulk in accordance with such conditions as may be required.

15. Tank container (for gases): Types 75 to 78 Container especially built for transporting and distributing gas in bulk, in accordance with such conditions as may be required.

16. (Reserved).

17. Special container: Types 80 to 89. Container especially designed and built for the conveyance of special types of merchandise.

18. Opening : Hinged (e.g. hinged door (s)), movable (e.g. sliding door), or removable panel designed as a load-bearing structure and also designed to be watertight and reasonably airtight.

19. Open : Description applied when one or more of the walls, ends or roof is permanently open. The space may be covered by a tarpaulin, plastics sheet, etc.

APPENDIX 2 - D

OPTIONAL MEANS OF DENOTING CONTAINER TYPE AND SIZE IN THE SERIAL NUMBER

The Serial Number of the container can be used as a means of conveying information on the type and size of the container.

The first digit of the owner's serial number shall denote the type of the container as set forth below :

0 Air container
1 Closed container
2 Closed container
3 Platform container
4 Open top container
5 Refrigerated container
6 Tank container
7 Insulated container
8 Open wall container
9 Special container

The second digit of the owner's serial number shall denote the size of the container as set forth below :

0 12 000 mm (40 ft) and over
1 9 000 mm (30 ft) to under 9 600 mm (32 ft)
2 9 600 mm (32 ft) to under 10 500 mm (35 ft)
3 Under 3 000 mm (10 ft)
4 3 000 mm (10 ft) to under 6 000 mm (20 ft)
5 10 500 mm (35 ft) to under 11 400 mm (38 ft)
6 6 000 mm (20 ft) to under 9 000 mm (30 ft)
7 Open
8 11 400 mm (38 ft) to under 12 000 mm (40 ft)
9 Open

APPENDIX 2 — B

SIZE CODE DESIGNATIONS

	Nominal height h		h = 2 438 mm (8 ft)		h = 2 591 mm (8 ft 6 in)		h > 2 591 mm (8 ft 6 in)		< h
		tunnel for goose neck	without	with	without	with	without	with	w
	Nominal length L	Index	0	1	2	3	4	5	
ISO freight containers series 1 and assimilated[1]) containers	3 000 mm (10 ft)	1	10	11	12	13	14	15	
	6 000 mm (20 ft)	2	20	21	22	23	24	25	
	9 000 mm (30 ft)	3	30	31	32	33	34	35	
	12 000 mm (40 ft)	4	40	41	42	43	44	45	
Other containers	3 000 mm (10 ft) < L < 6 000 mm (20 ft)	6	60	61	62	63	64	65	
	6 000 mm (20 ft) < L < 9 000 mm (30 ft)	7	70	71	72	73	74	75	
	9 000 mm (30 ft) < L < 12 000 mm (40 ft)	8	80	81	82	83	84	85	
	L > 12 000 mm (40 ft)	9	90	91	92	93	94	95	

(1) " Assimilated " means that the container is in accordance with SLS :.....* relating to the dimensions and location of corner fittings (hor ISO containers.

	Nominal Length L	Index	Size code designations of containers having a nominal length < 3 000 mm (10 ft)									
ISO freight containers	L < 3 000 mm (10 ft)	0	00	01	02	03	04	05	06	07	08	09
	Types of containers		1E	1F	to be allocated							
Other containers	L < 3 000 mm (10 ft)	5	50	51	52	53	54	55	56	57	58	59
	Internal volume of containers		These codes will be given later.									

*SLS..... — Sri Lanka Standard Specification of Corner Fittings for Series 1 Freight Containers.

1219 mm (4 ft) < h ≤ 1295 mm (4 ft 3 in)		1 295 mm (4 ft 3 in) < h < 2 438 mm (8 ft)	h ≤ 1 219 mm (4 ft)
without	with	with or without	with or without
6	7	8	9
16	17	18	19
26	27	28	29
36	37	38	39
46	47	48	49
66	67	68	69
76	77	78	79
86	87	88	89
96	97	98	99

s (horizontal plan view) and can be handled by the equipment used for lifting

SLS CERTIFICATION MARK

The Sri Lanka Standards Institution is the owner of the registered certification mark shown below. Beneath the mark, the number of the Sri Lanka Standard relevant to the product is indicated. This mark may be used only by those who have obtained permits under the SLS certification marks scheme. The presence of this mark on or in relation to a product conveys the assurance that they have been produced to comply with the requirements of the relevant Sri Lanka Standard under a well designed system of quality control inspection and testing operated by the manufacturer and supervised by the SLSI *which includes surveillance inspection of the factory, testing of both factory and market samples.*

Further particulars of the terms and conditions of the permit may be obtained from the Sri *Lanka Standards Institution, 17, Victoria Place, Elvitigala Mawatha, Colombo 08.*

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