

Form No:	 PE&SD	BHARAT HEAVY ELECTRICALS LIMITED PROJECT ENGINEERING & SYSTEMS DIVISION		PY 52 269	
		PRODUCT STANDARD		Rev. No. 00	
		GENERAL CARGO CONTAINERS		Page 1 of 2	

SERIES-1 FREIGHT CONTAINER – GENERAL CARGO CONTAINER FOR GENERAL PURPOSES

1.0 GENERAL

This specification covers the requirements of General Cargo Containers for transportation of goods/equipment from vendor works to project sites by road/rail/sea route and for storage of items at various project sites.

2.0 QUALITY REQUIREMENTS:

2.1 Quality of container should comply in general with following IS/ISO standards:

- IS 7694/ISO 1161:1984(E) Series 1 Freight Containers, Corner Fittings Specification
- IS 6928/ISO 6346:1995(E) Freight Containers Coding Identification and Marking,
- IS 13288: Part 1/ISO 1496-Part 1: For Series 1 Containers-
- CSC & TIR Requirement,
- UIC 591,592

2.2 The dimensions & weight of preferred General Cargo Container to be used by BHEL are as follows:

a) 20' General Cargo Container for General Purposes

External Dimensions		20'x8'x8'6" – 6058 x 2438 x 2591 mm
Door Opening	Height	2278 mm
	Width	2340 mm
Maximum Gross Weight		30,480 Kgs
Tare Weight		2,300 Kgs
Payload		28,180 Kgs

b) 40' General Cargo Container for General Purposes

External Dimensions		40'x8'x8'6" – 12,192 x 2438 x 2591 mm
Door Opening	Height	2278 mm
	Width	2340 mm
Maximum Gross Weight		30,480 Kgs
Tare Weight		3,820 Kgs
Payload		26,660 Kgs

Actual sizes to be procured will be mentioned in the purchase order.

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Refer Doc	LAYOUTS & PIPING ENGINEERING PROJECT ENGINEERING & SYSTEMS DIVISION	PREPARED	CHECKED	APPROVED	DATE
		 G PARAMESH	 SRIKANTH G	 SRIKANTH G	23.02.2019

Form No:	 BHEL PE&SD	BHARAT HEAVY ELECTRICALS LIMITED PROJECT ENGINEERING & SYSTEMS DIVISION	PY 52 269
		TECHNICAL SPECIFICATION	Rev. No. 00
		GENERAL CARGO CONTAINERS	Page 2 of 2

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3.0 PACKING AND MARKING:

Marking should be in line with **IS 6928**. Also, each Container shall be legibly marked at one corner on one side with the following:

- Supplier's name
- Batch number, year of manufacture
- Type and size

4.0 REFERRED STANDARD:

IS 7694/ISO 1161:1984(E) Series 1 Freight Containers, Corner Fittings Specification.

IS 6928/ISO 6346:1995(E) Freight Containers Coding Identification and Marking.

IS 13288: Part 1/ISO 1496-Part 1: For Series 1 Containers-

5.0 CONTAINER VARIANTS:

Variant No.	Description	External Dimensions	Material code
01	20' General Cargo Container	20' x 8' x 8' 6" 6058 x 2438 x 2591 mm	PY9752269010
02	40' General Cargo Container	40' x 8' x 8' 6" 12192 x 2438 x 2591 mm	PY9752269XXX

RECORD OF REVISIONS:

Rev No	Date	Revision Detail	Revised by	Approved by
00	23.02.2019	FIRST ISSUE	 G PARAMESH	 SRIKANTH G