

WAGON DIRECTORATE**RESEARCH DESIGN AND STANDARDS ORGANISATION****1.0 Title Master List Of Maintenance/Handling Instructions****(Updated up to 31.12.2022)**

S.NO.	Date of Amendment	Page Nos.	Version	Reason for Amendment
1.	NIL	N.A.	0	1 st issue
2.	15.12.99	NIL	1	1 nd issue
3.	15.01.2001	NIL	2	3 rd issue
4.	15.01.2002	NIL	3	4 th Issue
5.	15.01.2003	NIL	4 th	5 th Issue
6.	15 .01.2004	NIL	5 th	6 th Issue
7.	15.01.2005	NIL.	6 th	7 th Issue
8.	15.01.2006	NIL	7 th	8 th Issue
9.	15.01.2007	NIL.	8 th	9 th Issue
10.	15.01.2008	NIL	9 th	10 th Issue
11.	15.01.2009	NIL	10 th	11 th Issue
12.	15.01.2010	NIL.	11 th	12 th Issue
13.	15.01.2011	NIL	12 th	13 th Issue
14.	15.01.2012	NIL	13 th	14 th Issue
15	15.01.2013	NIL	14 th	15 th Issue
16	15.01.2014	NIL	15 th	16 th Issue
17	15.01.2015	NIL	16 th	17 th Issue
18	15.01.2016	NIL	17 th	18 th Issue
19	15.01.2017	NIL	18 th	19 th Issue
20	15.01.2018	NIL	19 th	20 th Issue
21	15.01.2019	NIL	20 th	21 th Issue
22	15.01.2020	NIL	21 th	22 th Issue
23	15.01.2021	NIL	22 th	23 th Issue
24	15.01.2022	NIL	23 th	24 th Issue
25	09.01.2023	NIL	24 th	25 th Issue

Approved by	Director/Wagon
Signature	

LIST OF GOODS MAINTENANCE /HANDLING INSTRUCTIONS

S.No.	Name of Manual/ Publication	Description	Year of Revision	No. of Correction slips issued	Last correction Slip No. & date	Issuing Authority
1	G-2/Dec.60	80 Ton bogie open wagon type "BOX" (Mark-1)	Dec.,61	-	-	Dir. Wagon.
2.	G-7/Jan.,63	Bogie wagon type "MBOC" (Open Coal)	Jan.,63	-	-	-do-
3.	G-15	Four Wheel wagon type "O" (open)	March,61	-	-	-do-
4.	G-16 Rev.2, July'78.	Special features and operating instructions 80 ton bogie open wagon type "BOX"	Revision in July,78 as (Rev.-II.)	Corrigendum No. 3 of Feb.,86	Corrigendum No. 2 of Sept,83	-do-
5.	G-29/Oct.,62	Bogie hopper wagon type 'BOB'		-	-	-do-
6.	G-33 (Rev.-02)	STR Requirements For Tippler Installation And Approval By RDSO	(Rev.-02) 30Dec 2022	-	02/06 (Rev.-1) may. 2010-	-do-
7.	G-37 (Rev.-1)	Recommend practice for welded fabrication in wagon	April,1971 as G-37 (Rev.-1)	-	-	-do-
8.	G-38	Instructions for operation and maintenance of liquid chlorine tank wagon, type "TCL".	-	-	-	-do-
9.	G-40	Manual of instructions for anhydrous ammonia tank. Type `TAL` Wagon.	Oct.,76	-	-	-do-

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10	G-44	Instructions for operating staff hump shunting and marshalling of BOX Wagon.	Aug.,69	-	-	Dir. Wagon.
11	G-45 H	Instructions for fitting trapauling equipment on "BOX" wagon.	1978	-	-	-do-
12	G-55	"Instructions for maintenance and operation of hydrochloric acid tank wagon type "THA" (preliminary issued in Jan.,68 (File Ref. MW/WT/HCL)	Jan.,68	-	-	-do-
13	G-60	Instructions for maintenance and operation of bitumen tank wagon type "TB" (preliminary)	Oct.,76	-	-	-do-
14	G-61/Oct.,1971	Operating instructions for sliding roof wagon	Oct.,71	-	-	-do-
15	G-62/ June,1983	Maintenance Manual of Alliance –II Coupler for train examining work shop staff	June,1983	-	-	-do

S.No.	Name of Manual/ Publication	Description	Year of Revision	No. of Correction slips issued	Last correction Slip No. & date	Issuing Authority
16	G-65/1983	Maintenance Manual for 4-wheeled liquefied petroleum gas tank wagon type "TPGLR" (Preliminary)	1983	Corrigendum No.4 of July,2003	Corrigendum No.3 of December,1999	Dir. Wagon.
17	G-66/1983	Maintenance Manual for TSA & MBTSA	1983	-	-	-do
18	G-70/1986	Maintenance Manual for BOXN	8/86	Corrigendum No.1of Aug.,98	-	-do
19	G-71/1996	Maintenance Manual for Phosphoric Acid Tank Wagon	June,92	Corrigendum No.1 of Feb.,99	-	-do-
20	G-72 (Rev.3) (Sup.Rev.2 of oct.01	General Std. Spec. for fabrication of wagon 'U' frame and bogies	(Rev.-3) April.-07	Corrigendum No. 2 of Jan. 08	Corrigendum No. 1 of Oct. 07	-do-
21	G-73,2005 (Rev. I)	Operation and maintenance Manual for BOBR/BOBRN Wagon	Rev. 02 of July 2018	-	Oct.-05-	-do-
22	G-76/1987	Instruction and Maintenance CBC for line staff.	1987	-	-	-do-
23	G-78	instructions for operation and maintenance of AIR Brake fitted on wagon	April1988			

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24	G-79	Instruction for operation and Maintenance for BTAL/BTALN.	-	Corrigendum No.1 of April,99	-	Dir. Wagon.
25	G-80/1989	Instructions for maintenance CBC (for workshop)	1989	-	-	-do-
26	G-81	Inspection and maintenance of cartridge taper roller bearing fitted on Casnub Bogie.	(Rev.-2 of Nov. 2017)	-	July,1993	-do-
27	G-82	Instructions for operation and maintenance BG bogie tank wagon for Alumina type 'BTAP'	June,88	-	-	-do-
28	G-83	Instructions for operation for maintenance of "BTCS" wagon.	August,1988	-	-	-do-
29	G-84	Instructions for operation and maintenance of M/s. BHEL,Hardwar Alaknada,8 Axle B.G. well wagon type special wagon fitted with UIC bogie and CBC (T) and Vacuum brake system.	Dec.,1988	-	-	-do-

S.No.	Name of Manual/ Publication	Description	Year of Revision	No. of Correction slips issued	Last correction Slip No. & date	Issuing Authority
30	G-85, April, 89	Operational Instructions for shading roof on BOX	April, 89			Dir. Wagon.
31	G-86, (Rev.-1)	Maintenance manual for bogie liquefied petroleum gas tank wagon type BTPGL./BTPGLN	Revised in 1994, New No. is G-86-Rev.-1)	Corrigendum No.1 of Dec.99.	-	-do-
32	G-87	Safe handling of hazardous chemicals transported in Rail Tankers	-	-	-	-do-
33	G-90/1993	Maintenance and operating instructions for bogie petrol tank wagon type "BTPN"	Nov.'91	Amendment No. 6 of Oct. 2016	Amendment No. 5 of Dec. 2015	-do-
34	G-92/1998	Maintenance of IRSA-600 Slack Adjuster.	Sept., 98	-	-	-do-
35	G-95 (Rev.-1) March, 1997	Preparation for common maintenance manual for all various of BG Casnub Bogie 22W, 22W(M), 22NL, 22 NLB, 22NLB, 22NLM and 22HS bogie.	Rev. 1 in 1997	Amendment No. 5 of Jan. 2003	Amendment No. 4 of April. 2002	-do-

S.No.	Name of Manual/ Publication	Description	Year of Revision	No.of Correction slips issued	Last correction Slip No. & date	Issuing Authority
36.	G-97/1997	Maintenance Manual of air brake system for freight stock.	May,96	Amendment No. 3 of Jan.2010	Amendment No. 2 of July.,2001	Dir. Wagon.
37.	G-100	Instruction for Inspection & Maintenance of Automatic Twist locks (ALT) Devices fitted on container flat Wagon.	July 2010	Amendment No. 1 of May.2012	-	-do-
38	G-103	Strengthening of u/frame Repair of Critical Weld Joints. Repair of centre sill, centre Girder & sole Bar Cracks.	Nov. 2010 (Rev.-2) of May. 2011	-	-	-do-
39	G-104	Schedule of Infrastructure Requirement of Manufacturing Testing & Quality Control Requirement for Bogie Mounted Brake System.	Aug.2014	-	-	-do-
40	G-105	Standards of Infrastructure, Manufacturing, Testing and Quality Assurance Systems to qualify as Railway Wagon Builder	June-2011	-	-	-do-

S.No.	Name of Manual/ Publication	Description	Year of Revision	No. of Correction slips issued	Last correction Slip No. & date	Issuing Authority
41	G-106	Operation and Maintenance Manual for Bogie Covered Double Decker Wagon Type `BCACBM`	Feb.-2014	-	-	Dir. Wagon.
42	G-107	Procedure For Rechambering Of Bogie Rail Wagon Type BRN/BRNA/BRNAHS	May.2015	-	-	-do-
43	G-108	Instruction for Maintenance operation Bogie Patrol Tank Wagon type –BTFLN.	Oct.-2015	Amendment No. 2 of Oct. 2016	Amendment No. 1 of Dec. 2015	-do-
44	G-109	Maintenance & operation of 296t. 28-AXLE Threaded Beam. BG Special Wagon BHEL/HARIDWAR.	Nov. 2015	-	-	-do-
45	G-110	Guidelines for operation and repair Of Bogie Covered Wagon for Flyash/Cement Type BCFC	Rev-01 June22	-	REV-Nil- In Jan. 2017-	-do-
46	G-112	Instructions For Inspection And Maintenance Of LCCF20 (C) Bogie And LWLH25 Bogie Of Freight Stock	(Revision- First issue) August 2021			

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47	G-113	Instructions For Inspection And Maintenance Of Cartridge Tapered Roller Bearing Class-K (6 ½ "X 9") Of Freight stock	Rev- Nil Nov 22	-	-	-do-
48	G-114	Technical Pamphlet -Operation and Maintenance Manual for Bogie Flat Steel Wagon Type "BFNV"	Rev- Nil DEC, 22	Rev- Nil	-	-do-