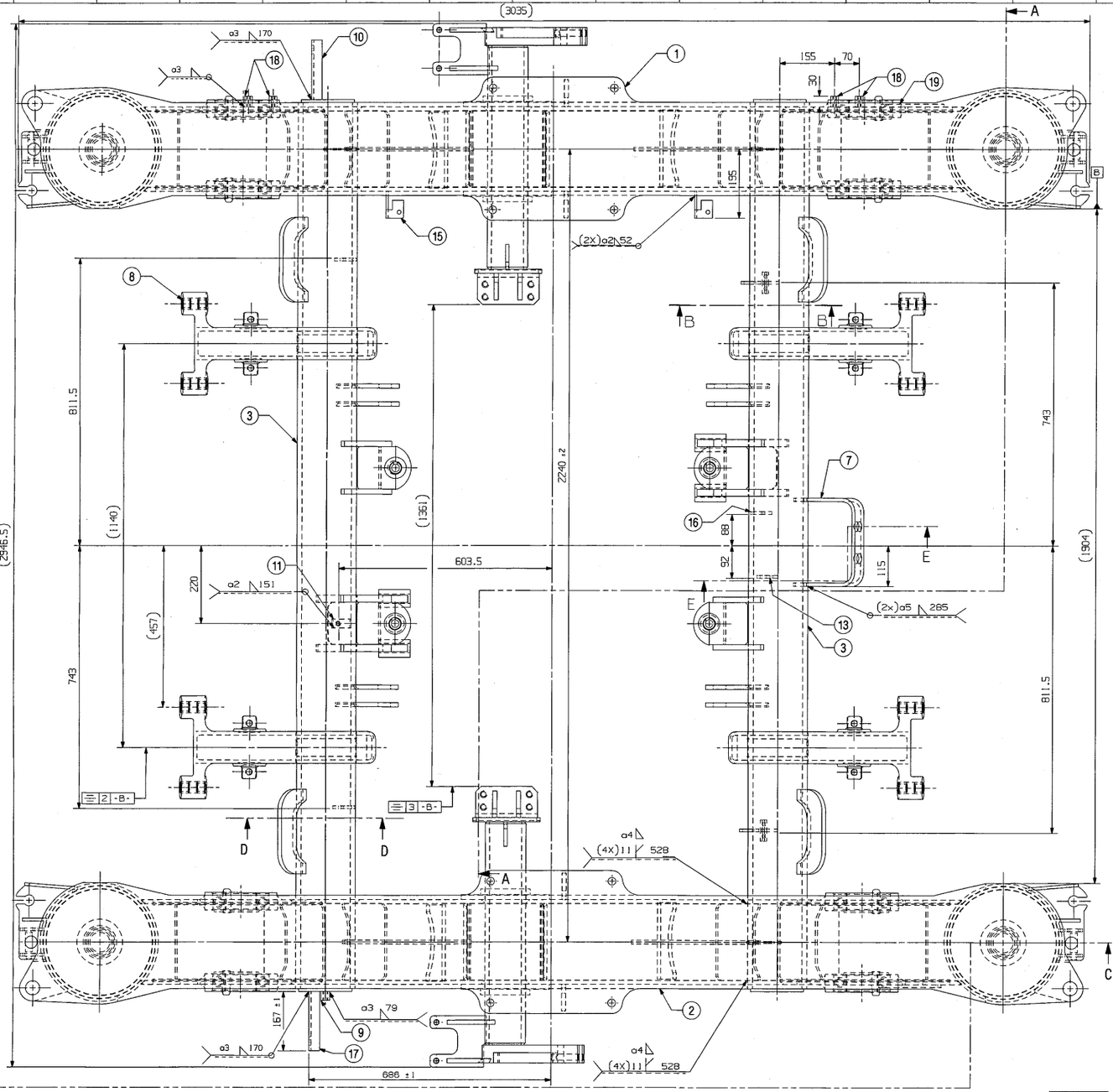
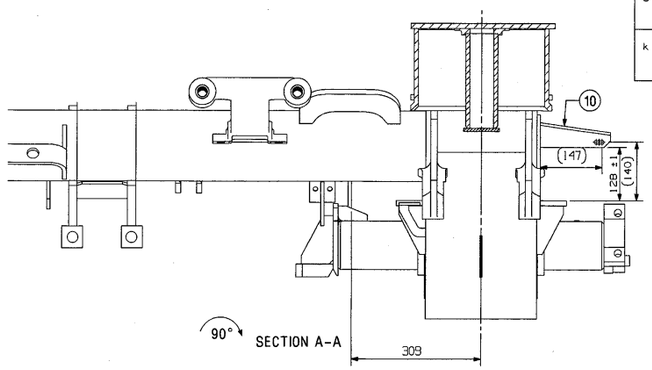
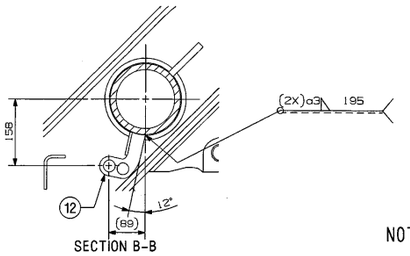
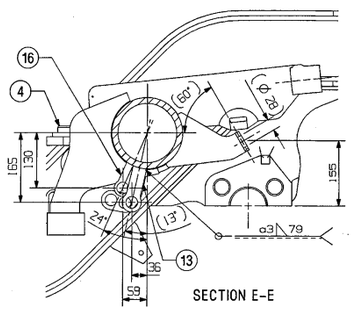
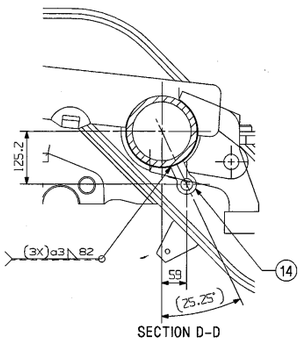
ALT.NO	ALT. DATE	ZONE	ALTERATIONS	AUTHORITY
J	29/12/2022	ALL	TOLERANCE AND DIM. UPDATED FOR ITEM NO. 10&17	DIC NO. - MD220077DT. 30/12/22
k	11/03/2025	J-20 K-19	NOTE-3 DELETED. NOTE-5 TO 7 ADDED.	MD250014











NOTE:-

1. SHEET NO.2 OF 2 IS FOR FABRICATION & SHEET NO. 1 OF 2 IS FOR MACHINING OF BOGIE FRAME.
2. FOR BOUGHT OUT BOGIE FRAMES, THE SUPPLIER SHALL PUNCH ITS TRACEABILITY MARK IN LETTER HEIGHT OF 10mm AT LOCATION #. THE TRACEABILITY MARK CONTAIN:
   a) SCOPE OF WORK: FABRICATED BY/MACHINED BY
   b) INITIALS OF MANUFACTURER
   c) MONTH AND YEAR OF MANUFACTURER AS PER MM/YY
3. ~~SURFACE PROTECTION AS PER MDTS166.~~
4. NUMBER PLATE (ITEM-5 & 19) TO BE WELDED AT BOGIE FRAME FABRICATION STAGE BEFORE ANY PAINT BOGIE NUMBER TO BE PUNCHED AT FINAL STAGE.
5. SURFACE PROTECTION:
   a) PROPER MASKING TO BE DONE ON MACHINED AREA/AREAS WHERE NO PAINT/PRIMER IS REQUIRED.
   b) PRE-TREATMENT: SHOT/GRIT/SAND BLASTING ACCORDING TO ISO: 8501, Sa 2.5(40-50 ROUGHNESS GRADE).
   c) PRIMER: HIGH PERFORMANCE ANTI CORRSION EPOXY COATING (TWO PACK) HAVING COLOUR GREEN WITH DFT OF 125+20/-0 MICRONS TO BE DONE AS PER RDSO SPEC. NO. M&C/PCN/123/2018.
   d) PRIMER, INTERMEDIATE & TOP COATS MUST COMPLY TO FIRE SAFETY STANDARD EN 45545-HL3-R7.
   e) INTERMEDIATE COAT: FLUOROPOLYMER (FLUOROETHYLENE) WITH DFT OF 30+10/-0 MICRONS TO BE DONE AS PER JAPANESE INDUSTRIAL STANDARD JIS K 5659:2008.
   f) TOP COAT: FLUOROPOLYMER (FLUOROETHYLENE) WITH DFT OF 25+10/-0 MICRONS WITH SHADE TO BE RAL-7012 (BASALT GREY) TO BE DONE AS PER JAPANESE INDUSTRIAL STANDARD JIS K 5659:2008 CLASS-1.
   g) MACHINED AREAS WHICH DO NOT REQUIRE PRIMER /PAINT SHOULD BE PROTECTED AGAINST CORROSION WITH SUITABLE CORROSION PREVENTIVE COATING WHICH IS REMOVABLE EASILY AND SUITABLE PACKING SHOULD BE DONE SO AS TO AVOID ANY POSSIBILITY OF DAMAGE DURING TRANSIT.
6. ITEM SHOULD BE PRESERVED IN THE MOISTURE FREE AND DUSTLESS ZONE.
7. ENSURE ALL THREADED/TAPPED PORTION ARE MASKED.

प्राकृतिया ENTERED # INTO प्रविष्टियां DATA BASE

18 APR 2025

ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
19	NUMBER PLATE FOR BOGIE BUILT IN REF	1	CC00102	NIL	NIL
18	SCREWING PIECE	4	LW03269	NIL	NIL
17	BRACKET FOR INSTALLATION LEVER (L.H)	1	LW03220	NIL	NIL
16	STIFFENER	1	I277188	NIL	NIL
15	BRACKET	2	I272182	NIL	NIL
14	STIFFENER	2	I272181	NIL	NIL
13	BRACKET	1	LW03268	NIL	NIL
12	BRACKET ASSEMBLY	2	LW03267	NIL	NIL
11	STIFFENER	1	I267062	NIL	NIL
10	BRACKET FOR INSTALLATION LEVER	1	LW03219	NIL	NIL
9	CYLINDRICAL PART FOR M12	1	I503390	NIL	ITEM-2
8	BUSH	16	I274591	NIL	NIL
7	BRACKET FOR PNEUMATIC	1	I267109	NIL	NIL
6	BRACKET	2	LW03205	NIL	NIL
5	NUMBER PLATE FOR BOGIE BUILT IN REF	1	CC00101	NIL	NIL
4	SLEEVE	4	LW03187	NIL	NIL
3	BRAKE BEAM ASSLY	2	LW03248	NIL	NIL
2	SIDE FRAME	1	LW03209	NIL	NIL
1	SIDE FRAME	1	LW03210	NIL	NIL

WELDING QUALITY SIG-SPEC.NO. 027 101	01	02	03	04
			X	

WELD LENGTH	7.200 M	GROUP	BOGIE FRAME
WEIGHT	1268.91 KG	FILE	\\10.12.17.155\bogie\lw03002x.prt\3D1
S.AREA	28.200 M²	SUPERSEDES:	LW03002 ALT J
LENGTH/DIA	3.035 M	SCALE	1:5
WIDTH/THICK.	2.985 M	SSE/REC	CHD JAL
HEIGHT	0.699 M	DRN	SUDH
		REF.DRG.No.	1267401 ver-04
		ADE/RME	DY.CME
		CDE	ALT. k SIZE A0 SHEET 2/2

BOGIE FRAME ASSLY.
WITH AIR SPRING IN SECONDARY SUSPENSION
RAIL COACH FACTORY, KAPURTHALA
रेलकोच फैक्टरी कपूरथला IRS
PL NO. NIL
DRG.NO. LW03002

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ANY ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID. | DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.

UNLESS OTHERWISE SPECIFIED ALL UNBALANCED DIMENSIONS REFER MDG0008 | DATE OF FIRST ISSUE 30/12/2005 | CGM BY

Signature Not Verified
Digitally signed by KRISHNA CHAITHANYA C G
Date: 2026.03.15 15:55:28 IST
Reason: IREPS-CRIS
Location: New Delhi