



चिस्तरंजन रेलइंजन कारखाना

AMENDMENT NO: - E257
DATE: 03.05.2024

No. ELDD/3651

SMM/AMM 3- Phase
CLW/CRJ

Sub: Issue of Category Amendment for three phase loco.

Category Amendment is issued as follows for information and necessary action please. Category Amendment will be applicable as per given remarks.

SL. NO.	CATEGORY NO.	P.L.NO.	C&D NO.	DESCRIPTION	SPECIFICATION NO.	UNIT	REQ. QTY/LOCO WAG-9HC/ WAP-7	REQ. QTY/LOCO WAP-5	REMARKS
1	P/0/0290	NEW	T012/212	IGBT BASED 3-PHASE DRIVE PROPULSION EQUIPMENT WITH PHYSICAL MEDIUM i.e. ESD/ EMD/ OFG FOR MULTI FUNCTIONAL VEHICLE BUS (MVB) AS PER IEC 61375, TERMINAL BRACKET, BUS BAR LINK AND Cu BRAID REQUIRED FOR CONNECTION BETWEEN MAIN TRANSFORMER AND TRACTION CONVERTER, AUXILIARY CONVERTER, INTERFACING CONNECTORS, CABLES AND CABLE LOOMS REQUIRED FOR CONNECTION FROM VCU1/2 TO SB1/2 PANEL. IN ADDITION TO ABOVE DESCRIPTION, THE PROPULSION SYSTEM SHOULD COMPLY REQUIREMENT MENTIONED IN "SCHEDULE OF REQUIREMENT(SOR), DOC. NO. C-D&D/T/24(Part), Vol-VIII DATED 28.12.2023.	i) RDSO/2008/EL/SPEC/0071, REV.6 FOR IGBT BASED 3-PHASE DRIVE PROPULSION EQUIPMENT. ii) CLW/ES/3/0458 ALT.E FOR CONTROL CABLES. iii) CLW/ES/3/0459 ALT. C OR LATEST FOR SCREENED CABLE. iv) CLW/ES/3/0124 ALT. O OR LATEST.	03	1.00/NIL	NIL	i. New item has been introduced with new category No., C&D No., description, specification and Qty/Loco for WAG-9 /WAG-9H Locomotives. ii. 37 sets of the item to be procured for FY 2024-25. iii. This amendment has been done as per category modification advice no. C-D&D/T/24(Part) (Category amendment for IGBT based three phase drive propulsion system) Dated 29.04.2024.

COPY TO:

1.CEE/LOCO

2. Dy.FA&CAO(S)

3. Dy.CMM/DEPOT

4. Dy.CMM (HQ)/CRJ

5. Dy.CMM-I/KOL

6. Dy.CEE/LOCO

7. Dy.CEE/D&D-I

8. SSE/Shop-19/ Progress

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03.05.24
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(SSE/Drg.)
Checked by

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03/05/2024.
(SEE/Design)
Reviewed by

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03.5.24
(Dy. CEE/D-II)
Issued by



चित्तरंजन रेलइंजन कारखाना

AMENDMENT NO: - E258
DATE: 09.05.2024

No. ELDD/3651

**SMM/AMM 3- Phase
CLW/CRJ****Sub:** Issue of Category Amendment for three phase loco.

Category Amendment is issued as follows for information and necessary action please. Category Amendment will be applicable as per given remarks.

SL. NO.	CATEGORY NO.	P.L.NO.	C&D NO.	DESCRIPTION	SPECIFICATION NO.	UNIT	REQ. QTY/LOCO WAG-9HC/ WAP-7	REQ. QTY/LOCO WAP-5	REMARKS
1	P/0/0076	29162038	T017/006	BALL VALVE G3/4"	CLW/ES/3/0117/C	01	4.00	4.00	i. Specification No. of the item has been revised from CLW/ES/3/0117/B to CLW/ES/3/0117/C. ii. This amendment has been done as per category modification advice no. ELDD/3254/Ball Valve Dated 08.05.2024 and it is applicable with immediate effect for further procurement.

COPY TO:

1. CEE/LOCO 2. Dy.FA&CAO(S) 3. Dy.CMM/DEPOT 4. Dy.CMM (HQ)/CRJ 5. Dy.CMM-I/KOL 6. Dy.CEE/LOCO
7. SSE/Shop-19/ Progress

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09/05/24
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09.5.24
(Dy. CEE/D-II)
Issued by



चिन्नरंजन रेलइंजन कारखाना

AMENDMENT NO: - E259
DATE: 21.05.2024

No. ELDD/3651

**SMM/AMM 3- Phase
CLW/CRJ****Sub:** Issue of Category Amendment for three phase loco.

Category Amendment is issued as follows for information and necessary action please. Category Amendment will be applicable as per given remarks.

SL. NO.	CATEGORY NO.	P.L.NO.	C&D NO.	DESCRIPTION	SPECIFICATION NO.	UNIT	REQ. QTY/LOCO WAG-9HC/ WAP-7	REQ. QTY/LOCO WAP-5	REMARKS
1	P/0/0036	29610011	T028/216	SET OF CABLE LUGF FOR PANEL SECTION OF WAG-9	CLW/ES/3/0130/O	03	1.00/NIL	NIL	i. Specification No. of the items mentioned at Sl. No. 1 to 7 and 8.36 has been changed from CLW/ES/3/0130/N to CLW/ES/3/0130/O.
2	P/0/0036a	29612615	T028/263	SET OF CABLE LUGF FOR PANEL SECTION OF WAP-5	CLW/ES/3/0130/O	03	NIL	1.00	
3	P/0/0036b	29612652	T028/290	SET OF CABLE LUGF FOR PANEL SECTION OF WAP-7	CLW/ES/3/0130/O	03	NIL/1.00	NIL	
4	P/0/0036c	29615434	T028/730	SET OF CABLE LUGF FOR LOCO OF WAG-9	CLW/ES/3/0130/O	03	1.00/NIL	NIL	ii. This amendment has been done as per category modification advice no. ELDD/3221/Cable Lug/Specn. Review Dated 20.05.2024 and it is applicable with immediate effect for further procurement.
5	P/0/0036d	29615446	T028/731	SET OF CABLE LUGF FOR LOCO OF WAP-5	CLW/ES/3/0130/O	03	NIL	1.00	
6	P/0/0036e	29615458	T028/732	SET OF CABLE LUGF FOR LOCO OF WAP-7	CLW/ES/3/0130/O	03	NIL/1.00	NIL	
7	P/0/0259	29612603	T028/748	SET OF CABLE LUG (CONSISTING OF 6 ITEMS) FOR DANKUNI	CLW/ES/3/0130/O	03	1.00/NIL	NIL	
8	P/0/0282	29171416	T022/202	C PANEL KIT ACCORDING TO SPECIFICATION NO. CLW/ES/3/0240/B WITH SET DETAILS AS PER FOLLOWING SCOPE OF SUPPLY	CLW/ES/3/0240/B	03	1.00/NIL	NIL	
8.1			T032/003	BUZZER OVERSPEED / FIRE ALARM / VIGILANCE WARNING(BZ-V-OF)	CLW/ES/3/0078/C	01	2.00/NIL	NIL	
8.2			T032/007	SPRING LOADED SWITCH FOR HEAD LIGHT INTENSITY(ZPRD)	CLW/ES/3/0075/B	01	2.00/NIL	NIL	

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Prepared by

21.5.24
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21.5.24
(Dy. CEE/D-II)
Issued by



चिस्तरंजन रेलइंजन कारखाना

AMENDMENT NO: - E259
DATE: 21.05.2024

SL. NO.	CATEGORY NO.	P.L.NO.	C&D NO.	DESCRIPTION	SPECIFICATION NO.	UNIT	REQ. QTY/LOCO WAG-9HC/ WAP-7	REQ. QTY/LOCO WAP-5	REMARKS
8.3			T032/004	SPRING LOADED SWITCH FOR HEAD LIGHTS(BLPR)	CLW/ES/3/0075/B	01	2.00/NIL	NIL	
8.4			T019/003	SPRING LOADED SWITCH - 2 (ZLC,ZLI,ZLDD,ZLFW,ZLRF)	CLW/ES/3/0075/B	01	10.00/NIL	NIL	
8.5			T032/006	ILLUMINATED PUSH BUTTON EMERGENCY FLASHER LIGHT(BPFL)	CLW/ES/3/0072/H	01	2.00/NIL	NIL	
8.6			T032/002	ILLUMINATED PUSH BUTTON FOR FAILURE ACKNOWLEDGE(BPFA)	CLW/ES/3/0072/H	01	2.00/NIL	NIL	
8.7			T019/007	ILLUMINATED PUSH BUTTON - 1 RED(LSFI)	CLW/ES/3/0072/H	01	2.00/NIL	NIL	
8.8			T032/019	LOOMING BAR 96X60 SST (TYPE-4)	CLW/ES/3/0119/F	01	4.00/NIL	NIL	
8.9			T032/020	BRACKET (TYPE-2)	CLW/ES/3/0121/H	01	2.00/NIL	NIL	
8.10			T032/058	CONNECTOR ST.35P/40 BU"N"IR KABELH./ PLUG 25P/40 SKT 'N' INDOOR(COMPLETE CONNECTOR)	CLW/ES/3/0124/O	01	2.00/NIL	NIL	
8.11			T035/421	DISTANCE BOLT M5x80	CLW/ES/3/0184 Alt-F	01	6.00/NIL	NIL	
8.12			T023/092	CABLE SLEEVE 1.5-12	CLW/ES/3/0205/F	01	36.00/NIL	NIL	
8.13			T023/095	FASTON LUG 6.3 X 0.8 CU/SN	CLW/ES/3/0643/C	01	36.00/NIL	NIL	
8.14			T023/073	CABLE TIE 92 X 2.4 PA	CLW/ES/3/0131/D	01	20.00/NIL	NIL	
8.15			T023/100	CABLE TIE 140 X 3.6 PA	CLW/ES/3/0131/D	01	46.00/NIL	NIL	
8.16			T023/068	CABLE TIE 186 X 4.8 PA	CLW/ES/3/0131/D	01	50.00/NIL	NIL	
8.17			T023/166	CONTACT PIN 12/1.5	CLW/ES/3/0124/O	01	70.00/NIL	NIL	
8.18			T020/483	RATING PLATES INCRIBED(TYPE-3)	CLW/ES/3/0252/H	01	2.00/NIL	NIL	
8.19			T031/033	RUBBER RIBON / BAND "APENDFIX"	CLW/ES/3/0151/F	22	3.14/NIL	NIL	
8.20			T021/221	SHRINKDOWN SLV DTMS 3/16	CLW/ES/3/0154/R	01	164.00/NIL	NIL	
8.21			T023/160	CAB 4 GKW-AX 1.5 1800 V BK	CLW/ES/3/0458/E	22	31.2/NIL	NIL	
8.22			T035/231	CS-SCR. M5 X 10 ST. BLACK	CLW/ES/3/0181/A	01	20.00/NIL	NIL	
8.23			T035/229	CS-SCR. M4 X 8 ST	CLW/ES/3/0181/A	01	28.00/NIL	NIL	
8.24			T035/257	SPH SCREW M4 X 12 ST. BLACK	CLW/ES/3/0181/A	01	12.00/NIL	NIL	
8.25			T035/234	CR-PH SCR. M4 X 8 SST	CLW/MS/3/040 Alt.13	01	6.00/NIL	NIL	
8.26			T035/265	CR-PH SCREW M5 X 12 SST	CLW/MS/3/040 Alt.13	01	12.00/NIL	NIL	

21.05.24
(SSE/Drg.)
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21.05.24
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Checked by

21.05.24
(SEE/Design)
Reviewed by

21.05.24
(Dy. CEE/D-II)
Issued by



चिस्तरंजन रेलइंजन कारखाना

AMENDMENT NO: - E259
DATE: 21.05.2024

SL. NO.	CATEGORY NO.	P.L.NO.	C&D NO.	DESCRIPTION	SPECIFICATION NO.	UNIT	REQ. QTY/LOCO WAG-9HC/ WAP-7	REQ. QTY/LOCO WAP-5	REMARKS
8.27			T035/106	HEX NUT 0.8 D M5 SST	CLW/MS/3/040 Alt.13	01	12.00/NIL	NIL	
8.28			T035/370	HT SPRING WASHER 4 SST	CLW/ES/3/0187Alt.M	01	22.00/NIL	NIL	
8.29			T035/105	HEX NUT 0.8 D M4 SST	CLW/MS/3/040 Alt.13	01	16.00/NIL	NIL	
8.30			T033/073	CONTACT SOCKET 16/1.5	CLW/ES/3/0124/O	01	6.00/NIL	NIL	
8.31			T031/069	CONTACT PIN 16/1.5	CLW/ES/3/0124/O	01	6.00/NIL	NIL	
8.32			T023/096	JOINTING SLEEVE 6.3 X 0.8	CLW/ES/3/0643/C	01	8.00/NIL	NIL	
8.33			T031/298	SHRINKDOWN SLEEVE 6.4 X 0.28 PE5 BK	CLW/ES/3/0154/R	22	10.00/NIL	NIL	
8.34			T030/986	CAB - 3GKW- 0.5 FLEX RED	CLW/ES/3/0458/E	22	04.00/NIL	NIL	
8.35			T031/141	CABLE SLEEVE 1.5 - 8.0	CLW/ES/3/0205/F	01	36.00/NIL	NIL	
8.36			T023/084	CABLE LUG 1.5-2.57 M5	CLW/ES/3/0130/O	01	2.00/NIL	NIL	
8.37			T023/097	CABLE TIE 360 X 4.8 PA	CLW/ES/3/0131/D	01	25.00/NIL	NIL	

COPY TO:

- 1.CEE/LOCO 2. Dy.FA&CAO(S) 3. Dy.CMM/DEPOT 4. Dy.CMM (HQ)/CRJ 5. Dy.CMM-I/KOL 6. Dy.CEE/LOCO 7.Dy.CEE/D-I
8. SSE/Shop-19/ Progress

Prepared by
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21.05.24

Checked by
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21.5.24

Reviewed by
(SEE/Design)
21.05.24

Issued by
(Dy. CEE/D-II)
21-5-24



चित्तरंजन रेलइंजन कारखाना

AMENDMENT NO: - E260
DATE: 25.05.2024

No. ELDD/3651

SMM/AMM 3- Phase
CLW/CRJ

Sub: Issue of Category Amendment for three phase loco.

Category Amendment is issued as follows for information and necessary action please. Category Amendment will be applicable as per given remarks.

SL. NO.	CATEGORY NO.	P.L.NO.	C&D NO.	DESCRIPTION	SPECIFICATION NO.	UNIT	REQ. QTY/LOCO WAG-9HC/ WAP-7	REQ. QTY/LOCO WAP-5	REMARKS
1	P/0/0043	29170965	T028/222	SET OF NON-METALLIC PLATE FOR WAG-9	CLW/ES/3/0451/D	03	1.00	NIL	i. Specification No. of the items mentioned at Sl. No. 1 to 3 has been changed from CLW/ES/3/0451/C to CLW/ES/3/0451/D. ii. This amendment has been done as per category modification advice No. ELDD/3-PH/QF/190 Dated 23.05.2024 and it is applicable with immediate effect for further procurement.
2	P/0/0043a	29175150	T028/265	SET OF NON-METALLIC PLATE FOR WAP-5	CLW/ES/3/0451/D	03	NIL	1.00	
3	P/0/0254	29612226	T020/147	DISTANCE PLATE (TYPE-16) FOR DANKUNI	CLW/ES/3/0451/D	01	1.00/NIL	NIL	

COPY TO:

- 1.CEE/LOCO 2. Dy.FA&CAO(S) 3. Dy.CMM/DEPOT 4. Dy.CMM (HQ)/CRJ 5. Dy.CMM-I/KOL 6. Dy.CEE/LOCO
7. SSE/Shop-19/ Progress

25.05.24
(SSE/Drg.)
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25.5.24
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Reviewed by

25.5.24
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Issued by



चित्तरंजन रेलइंजन कारखाना

AMENDMENT NO: - E261
DATE: 30.05.2024

No. ELDD/3651

**SMM/AMM 3- Phase
CLW/CRJ****Sub:** Issue of Category Amendment for three phase loco.

Category Amendment is issued as follows for information and necessary action please. Category Amendment will be applicable as per given remarks.

SL. NO.	CATEGORY NO.	P.L.NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	SPECIFICATION NO.	UNIT	REQ. QTY/LOCO WAG-9HC/ WAP-7	REQ. QTY/LOCO WAP-5	REMARKS
1	P/0/0291	NEW PL	T023/662	WARNING PLATE & BRACKET SHEET FOR IN-HOUSE PRODUCTION OF PANELS FOR CLW/CRJ		i. CLW/ES/3/0450/G ii. CLW/ES/3/0153/I	03	1.00/NIL	NIL	i. New Category has been generated as mentioned at Sl. No. 1. Its part items are shown at Sl. No. a & b.
a	P/1/0291 (OLD CAT. NO. P/2/0042)		T019/136	WARNING PLATE	3EHP431593P 0001	CLW/ES/3/0450/G	01	1.00/NIL	NIL	ii. Remark has been added as- "procurement quantity for WAG-9H will be 175 Loco set for 2024-25 & 175 Loco set for 2025-26".
b	P/2/0291 (OLD CAT. NO. P/1/0060)		T023/048	BRACKET SHEET	3EHP431250R 0001	CLW/ES/3/0153/I	01	1.00/NIL	NIL	iii. This amendment has been done as per category modification advice No. ELDD/3611/Pt Dated 24.05.2024 and it is applicable with immediate effect.

COPY TO:

1. CEE/LOCO

2. Dy.FA&CAO(S)

3. Dy.CMM/DEPOT

4. Dy.CMM (HQ)/CRJ

5. Dy.CMM-I/KOL

6. Dy.CEE/LOCO

7. Dy.CMM/M-II

8. Dy.CEE/D-III

9. SSE/Shop-19/ Progress

30.05.24.
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