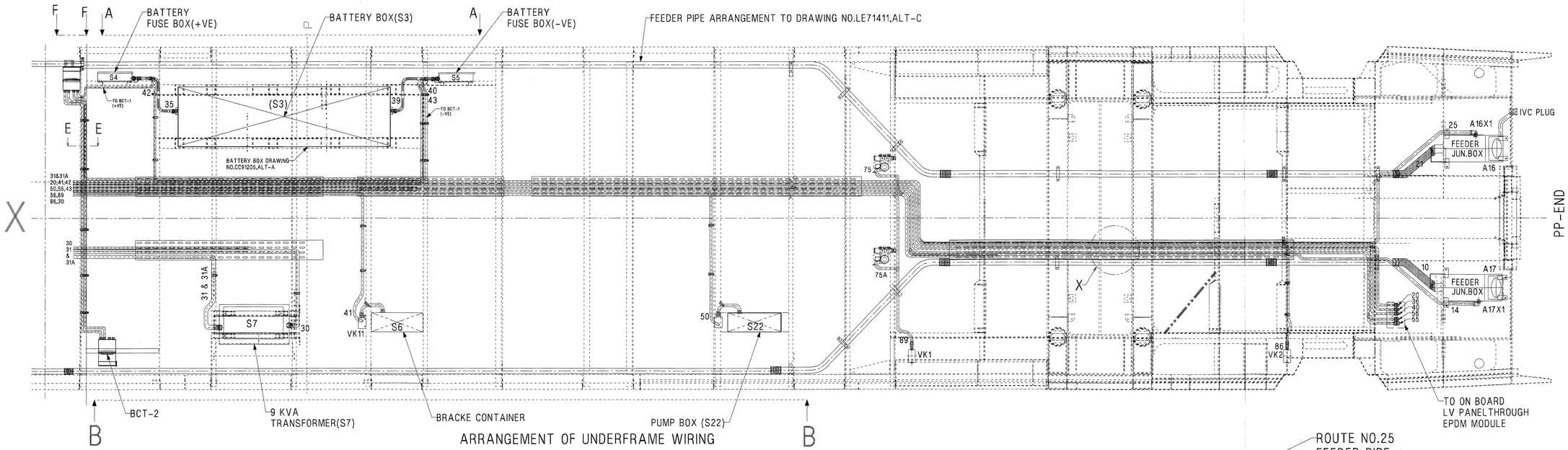
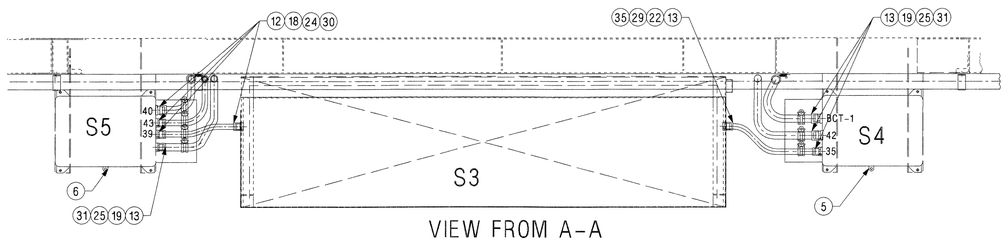
15

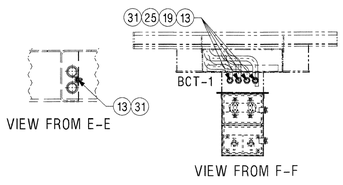
ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY

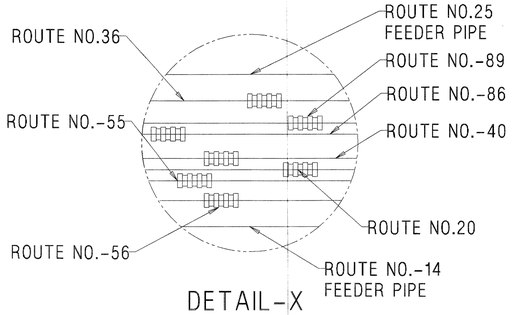


ARRANGEMENT OF UNDERFRAME WIRING

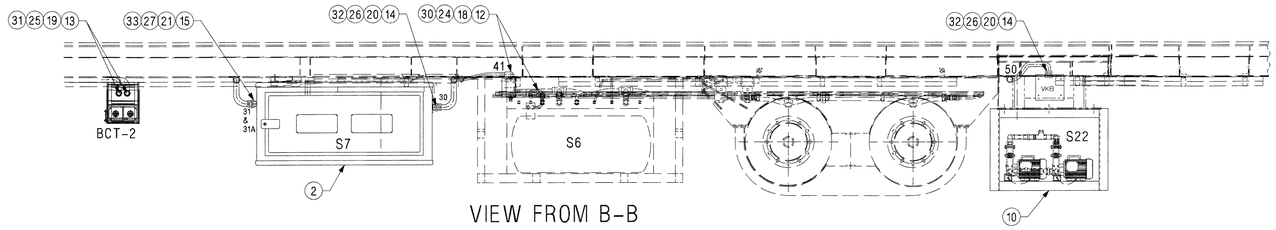


VIEW FROM A-A





DETAIL-X



VIEW FROM B-B

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FOR UNTOLERANCED DIMENSIONS REFER MDG0008

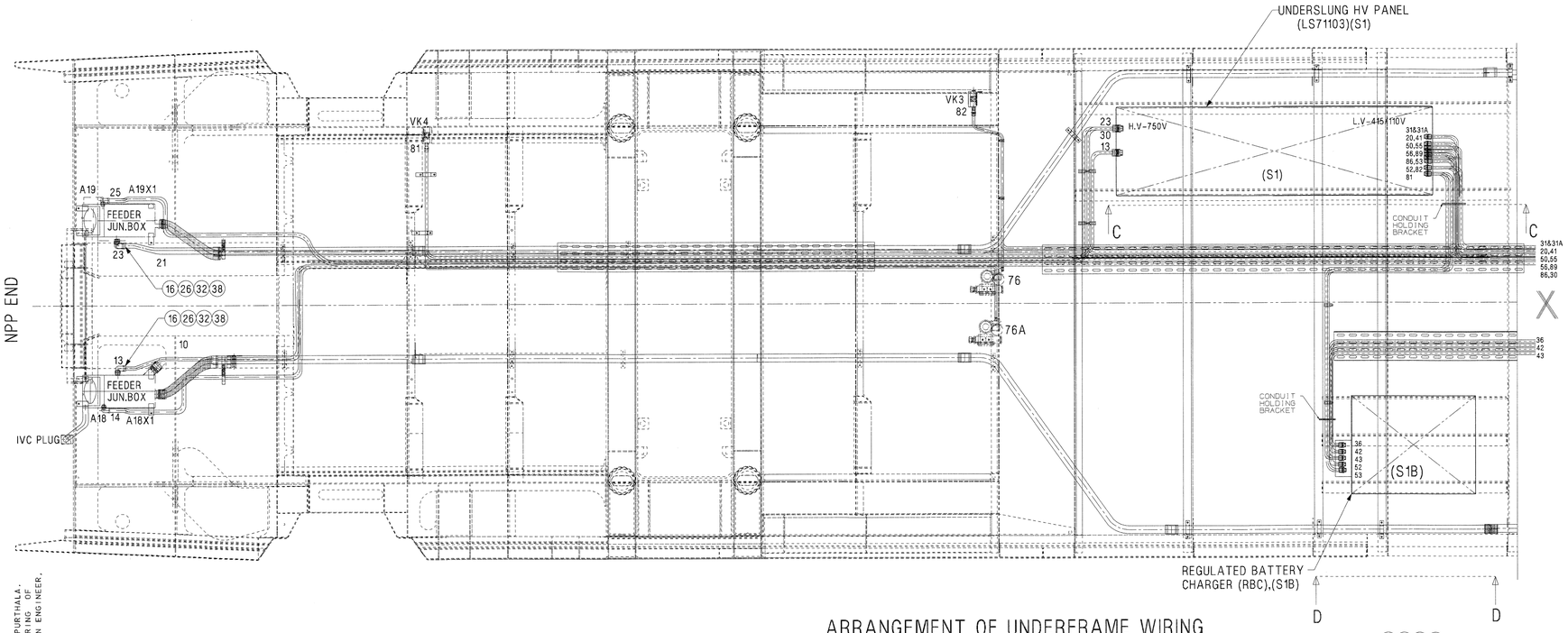
DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.

DATE OF FIRST ISSUE 28/04/2011

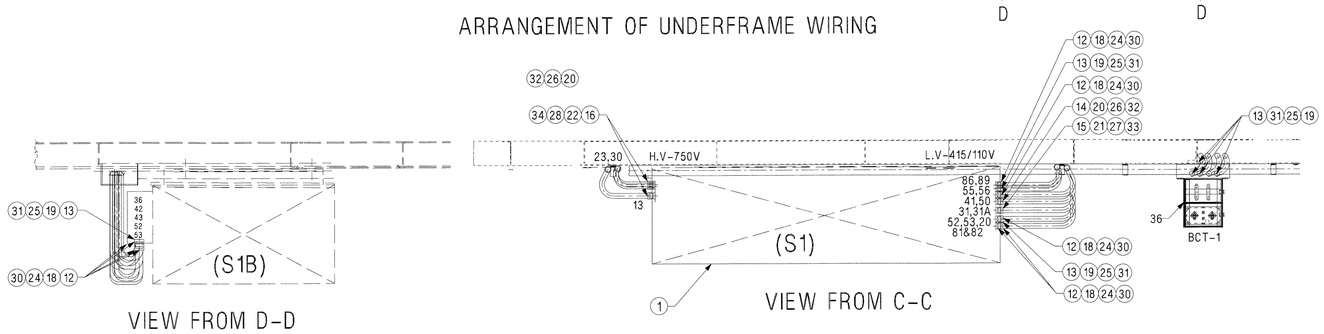
WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES:	LS71103slb.prt		
WEIGHT	FILE	\\Z:\LS71103slc.prt				
NIL KG	ARRANGEMENT OF UNDERFRAME WIRING (FOR LHB EOG SCN NON-AC COACH)			SCALE	SSE/ED	
S.AREA					CHD	
NIL M²					DRN	
~~LENGTH/DIA~~	RAIL COACH FACTORY, KAPURTHALA			REF.DRG.No.	NIL	
NIL M						
~~WIDTH/THICK.~~	रेल कोच फैक्ट्री कपूरथला	IRS		PL NO.	NIL	
NIL M				DRG.NO.	LS71103	
HEIGHT	SEE/D&D	DY.CEE/D&D		ALT.	c	SIZE A1 SHEET 1/2
NIL M						

16

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
C	07/01/2026	ALL	1.BOM & DETAIL VIEW UPDATED & DRAWING MODIFIED ACCORDINGLY.	CR NO. 2300250016



ARRANGEMENT OF UNDERFRAME WIRING



VIEW FROM D-D

VIEW FROM C-C

36	BATTERY CHARGING TERMINAL WITH 40A HRC FUSE BOX	01	ICF/SK3-7-1 7-1-005	NIL	NIL	
35	BATTERY CHARGING TERMINAL (BCT)	01	CC75082 OR LATEST	NIL	OR ICF GS-7-5-004	
34	TUBE CLAMP(NW-36),DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.8	04	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN ED S-357 OR LATEST	
33	TUBE CLAMP(NW-36),DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.7	22	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN ED S-357 OR LATEST	
32	TUBE CLAMP(NW-29),DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.6	11	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN ED S-357 OR LATEST	
31	TUBE CLAMP(NW-23),DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.4	14	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN ED S-357 OR LATEST	
30	TUBE CLAMP(NW-17),DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.3	15	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN ED S-357 OR LATEST	
29	TUBE CLAMP(NW-12),DETAIL AT ANNEXURE-A,TABLE A-8,S.NO.2	10	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN ED S-357 OR LATEST	
28	HEXGONAL LOCK NUT WITH PG-48 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.8	02	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDT -357 OR LATEST	
27	HEXGONAL LOCK NUT WITH PG-36 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.7	02	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDT -357 OR LATEST	
26	HEXGONAL LOCK NUT WITH PG-29 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.6	06	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDT -357 OR LATEST	
25	HEXGONAL LOCK NUT WITH PG-21 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.5	12	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDT -357 OR LATEST	
24	HEXGONAL LOCK NUT WITH PG-16 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.4	35	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDT -357 OR LATEST	
23	HEXGONAL LOCK NUT WITH PG-11 THREAD BRASS,DETAIL AT ANNEXURE-A,TABLE A-10,S.NO.2	10	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDT -357 OR LATEST	
22	END FITTING (PG-48),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.8	02	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDTS 357 OR LATEST	
21	END FITTING (PG-36),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.7	02	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDTS 357 OR LATEST	
20	END FITTING (PG-29),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.6	06	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDTS 357 OR LATEST	
19	END FITTING (PG-21),DETAIL AT ANNEXURE-A,TABLE A-4,S.NO.5	12	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDTS 357 OR LATEST	
18	END FITTING (PG-16),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.3	35	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDTS 357 OR LATEST	
17	END FITTING (PG-11),DETAIL AT ANNEXURE-A,TABLE A-2,S.NO.2	06	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN EDTS 357 OR LATEST	
16	POLYAMIDE FLEXIBLE CONDUIT (NW-48),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.7	16	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN E TS-357 OR LATEST	
15	POLYAMIDE FLEXIBLE CONDUIT (NW-36),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.6	6	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN E TS-357 OR LATEST	
14	POLYAMIDE FLEXIBLE CONDUIT (NW-29),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.5	27	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN E TS-357 OR LATEST	
13	POLYAMIDE FLEXIBLE CONDUIT (NW-23),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.4	54	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN E TS-357 OR LATEST	
12	POLYAMIDE FLEXIBLE CONDUIT (NW-17),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.3	176	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN E TS-357 OR LATEST	
11	POLYAMIDE FLEXIBLE CONDUIT (NW-12),DETAIL AT ANNEXURE-A,TABLE A-1,S.NO.2	05	RDSO/PE/SPE C/AC/0138-	NIL	2009,REV-1,TO REFERED IN E TS-357 OR LATEST	
10	SELP PRIMING MONO BLOCK PUMP ASSLY.WITH CONTROLLER	01	EDTS-186, REV-A	NIL	AM-1 & 2,COR-162,WITH ANX-1.	
9	ZS COUPLING 500A,750V,3-PHASE 50HZ	01	RDSO/PE/SPE C/AC/0177-	2013,REV-1	WITH RCF ANX-A,COR-1.	
8	FEEDER JUNCTION BOX FOR LHB TYPE EOG COACHES.	01	EDTS-328, REV-C,AM-7	NIL	TYPE-2,CORR-5.	
7	WHEEL SET EARTHING EQUIPMENT	02	EDTS-101, REV-C,AM-1	NIL	NIL	
6	BATTERY FUSE BOX (-VE)	01	LW71002	NIL	NIL	
5	BATTERY FUSE BOX (+VE)	01	LW71001	NIL	NIL	
4	CONSTANT VOLTAGE REGULATED BATTERY CHARGER	01	RDSO/PE/SPE C/AC/129-	NIL	2009,(REV-01)	
3	110V,120AH,VRLA SMF BATTERY SET WITH 19 MONOBLOC(6A MONOBLOCK EACH+PRED/MARKED J/CELL & FRONT COVER	01	RDSO/PE/SPE /AC/0009-	NIL	2006,(REV-11WITH AM-1/ACP MAKE) RE-A	
2	9 KVA TRANSFORMER,750V AC/415V AC/150V AC,3-PHACE DRY TYPE DISTRIBUTION TRANSFORMER FOR LHB TYPE NO.	01	RDSO/PE/SPE /TL/0158-	NIL	-2010,(REV-01,TYPE-11)	
1	SET OF PANELS (FOR LHB EOG NON-AC COACHES)	01	EDTS-355 REV-01	NIL	NIL	

42	SUPPLY AND INSTALLATION OF EPDM MODULAR BASED CABLE/CONDUIT SEALING FOR ON-BOARD SBC IN NON-AC COAC	01	EDML-228 CORR-1	NIL	NIL	
41	RUBBER PACKING FOR EMERGENCY FEED TERMINAL	01	SCNLR 7-S-011	NIL	NIL	
40	CHAIN ASSEMBLY FOR SECURING IV ZS PLUG ASSEMBLY	02	CC71074 ALT-NIL	NIL	NIL	
39	WIRE ROPE ASSEMBLY FOR TRANSFORMER	01	EDML-152, REV-A	NIL	NIL	
38	PG THREAD PLUG SCREW PG-21, DETAIL AT ANNEXURE-A, TABLE A-18,S.NO.5	04	RDSO/PE/SPE C/AC/0138	NIL	2009,REV-1	
37	PG THREAD PLUG SCREW PG-16, DETAIL AT ANNEXURE-A, TABLE A-18,S.NO.4	16	RDSO/PE/SPE C/AC/0138	NIL	2009,REV-1	

NOTE:-

1. REFER DRG.NO.LS70122,ALT-'C' FOR BLOCK AND WIRING DIAGRAM & HARNESS CHART FOR UNDERFRAME.
2. REFER TO FERRULE NUMBER FOR UNDERFRAME WIRING TO EDTS-357,REV-C,COR-1,AM-1&2 OR LATEST.
3. REFER CODE OF PRACTICE FOR TRAIN LIGHTING MAINTENANCE ON PREVENTION OF FIRES ON 110V DC SELF GENERATING COACHES NO.EL/TL/56-1992 & EL/TL/48,(REV-1)-2005.
4. REFER SPECIFICATION & CODE OF PRACTICE FOR WIRING FOR 750V END-ON-GENERATION SYSTEM TO NO. ELPS/SPEC/EOG/01.
5. REFER WORK INSTRUCTION FOR APPLICATION OF FIRE BARRIER IN LHB AC & NON-AC COACHES TO EDW0036,VERSION-1.0.
6. REFER WORK INSTRUCTION FOR CRIMPING OF CABLE ENDS & CABLE TERMINATIONS TO EDW0006,VERSION-0.1.
7. REFER WORK INSTRUCTION FOR TEST PROCEDURE FOR TIGHTENING TORQUE OF HARDWARES FOR UNDERFRAME MOUNTED EQUIPMENTS IN LHB AC & NON-AC COACHES TO EDW0035,VERSION-1.0.

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WELD LENGTH	ITEM	DESCRIPTION & DIMENSIONS	QPASSLY	DETAIL DRG	MATL. & SPEC.	REMARKS
NIL M	GROUP	ELECTRICAL	SUPERSEDES: LS71103s1b.prt			
WEIGHT	FILE	\\Z:\LS71103s2c.prt				
NIL KG						
S.AREA						
NIL M²						
~~LENGTH/DIA~~						
NIL M						
~~WIDTH/THICK.~~						
NIL M						
HEIGHT						
NIL M						

ARRANGEMENT OF UNDERFRAME WIRING
(FOR LHB EOG SCN NON-AC COACH)

RAIL COACH FACTORY, KAPURTHALA

रेलकोच फैक्टरी कपूरथला IRS

SEE/D&D DY.CEE/D&D

SCALE | SSE/ED | CHD | DRN

REF.DRG.No. NIL

PL NO. NIL

DRG.NO. LS71103

ALT. c SIZE A1 SHEET 2/2

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DATE OF FIRST ISSUE 28/04/2011