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MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)							QUALITY OF WELD JOINTS REF, RD 230 MEDIUM			
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.							STATUS:	PROTO/PRODUCTION		
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										

## TECHNICAL REQUIREMENTS:

- 1) ITEM : SET OF PANELS (HV PANEL & LV PANEL ) CONSISTING OF ALL THE POWER/CONTROL SWITCHGEAR RELATED TO COACH LOAD
- 2) CONSTRUCTION : HV PANEL SHALL CONFORM TO DRG.LS71103 ALT-a ANX-1&2 OR LATEST OGA & SCOPE LV PANEL WITH REDUCED HEIGHT SHALL CONFORM TO ICF DRG. ICF/SK3-7-2-077 ALT-b OR LATEST (TO SUIT LHB NON-AC AMRIT BHARAT COACHES)
- 3) SPECIFICATION : SET OF PANELS SHALL CONFORM TO RCF SPEC.EDTS-355, REV-1, AMDT NO- 1 TO 6 OR LATEST
- 4) MAKE : ITEM SHALL BE PROCURED FROM RDSO/ICF/RCF/MCF/IREPS APPROVED SOURCE ONLY
- 5) APPLICATION : FOR LHB EOG NON- AC LWS & LWSCN COACHES

### NOTE: (REF. ICF PO DESCRIPTION)

1. SET OF PANELS TO EDTS-355, REV-1, AMD-1 TO 6 (AMENDMENT-5 NOT APPLICABLE) WITHOUT PUMP CIRCUIT SWITCH GEARS i.e. MPCB & CONTACTORS MENTIONED AT SL.No. 36,43 & 44 OF BOM OF ANNEXURE-A (NOT REQUIRED IN THE HV PANEL) FOR REGULAR LHB NON AC COACHES.
2. LOW VOLTAGE PANEL WITH REDUCED HEIGHT (AS PER AMRIT BHARAT NON-AC COACHES) SHALL BE SUPPLIED AS PER ICF DRG.NO. ICF/SK3-7-2-077 ALT-b OR LATEST WITH ADDITIONAL 2 NOS. OF CUTOUTS IN THE TOP COVER.
3. DRG.NO. LS71103 ALT-a ANX-1&2 SHALL BE FOLLOWED FOR DOOR STOPPER ARRANGEMENT AND STIFFNERS (ADDITIONAL 2 NOS.) IN HV PANEL.
4. DRG.NO. SK ED-646 ICF ANX-2 SHALL BE FOLLOWED FOR HV PANEL LH & RH SIDE HOLES,WSP MOUNTING HOLES & PROVISION OF POLY-CARBONATE SHEET.
5. THE RBC CUM EBC MCB'S AND ITS INDICATIONS SHALL BE PROVIDED IN THE HV & LV PANELS AS PER RDSO MODIFICATION SHEET NO. RDSO/PE/MS/AC/0094-2024 (REV 0) OR LATEST AND RDSO/PE/MS/AC/0095-2024 (REV 0) OR LATEST.
6. PACKING INSTRUCTION: PI-115 VER 3.0
7. FURTHER TO THE ABOVE, ANY ADDITIONAL MODIFICATIONS GIVEN BY ICF/BEML SHALL ALSO BE IN FIRM'S SCOPE OF SUPPLY.

N1	0.025	▽
N2	0.05	▽
N3	0.1	▽
N4	0.2	▽
N5	0.4	▽
N6	0.8	▽
N7	1.6	▽
N8	3.2	▽
N9	6.3	▽
N10	12.5	▽
N11	25	▽
N12	50	▽
GRADE No. VALUE		
SYMBOL		
SURFACE ROUGHNESS		

PRODUCT	LHB LWS & LWSCN COACHES				
REF DRG					
MATERIAL					
HEAT TREAT.	APPD	VS LAKSHMI	27.02.2026		
SURFACE TREAT.	REVD	RESHMA SP	27.02.2026		
TITLE	CHKD	SHIVA P	27.02.2026		
	DRWN	GARVIT	27.02.2026		
	SCALE		SHEET	Wf.(Kg)	
			OF		
<b>BEML LIMITED</b> <small>NEW FRONTIERS. NEW DREAMS</small>					DRG No. <b>582-21102</b> ALT  0
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD