



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 2

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6009	DISPATCH DATE				13.07.2017
2.	Railway	NR	Type	LWFCZAC	Coach No.	163879	
3.	Booked to	SSE/C&W/NDLS					
4.	Tare Weight of Coach	39.00 T					
5.	Carrying Capacity	Seating	56	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum length over Body	23700+10/-0 mm					
ii)	Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)					
iii)	Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)					
iv)	Buffer/CBC Height	Specified : 1105 +0 /-15 mm		1105	1105		
v)	Buffer/CBC (Make)	ESCORTS		Fiba Device	NA		
7.	Air Brake Testing:	Description			Specified	Observed	
7.1	Full Brake Application	Reduce pressure of BP from 5.0 to 3.4 kg/cm ²		6 –10 sec	6 Sec		
		Max Pressure in BC		3.00 ± 0.15 Kg/cm ²	3.00		
		All Brake are applied		OK	OK		
7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm ² /min		No brake application	OK		
7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.		Brake must apply	OK		
8.	PAINTING DEATAILS:	TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE			
8.1	PAINT	PU PAINT	VIBGYOR	86/86			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:				Make		
i.	BRAKE EQUIPMENT			KBI			
iii.	CDTS			RAIL TECH			
iv.	FLOOR,SEAT & BERTH,PVC			TWPL, ADVANCE,RESPONSIVE			
v.	BODY SIDE DOORS			JVR			
vi.	SALOON COMPTT DOORS			KALSI			
vii.	VESTIBULE SLIDING DOOR			HANSPAL			
viii.	WATER TANKS			RAIL FAB, SHIVALIK			
ix	UIC VESTIBULE			SSIPL			
x	LUGGAGE RACK			SIDHWAL			
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 176622623

11.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date		
			6009	NR	LWSCE	163879	13-JUL-17		
11.1	Wheel & Axle Details:								
i.	Bogie No.	176622			176623				
ii.	Frame No.	ECBT-135			ECBT-133				
iii.	Bolster No.	F-7127			F-7111				
iv.	Axle No.	S - 9816		S - 3052	T - 0020		W - 3051		
v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
vi.	Wheel Dia.	915.50	915.00	915.00	915.00	916.00	916.00	916.00	916.00
vii.	Wheel Disc No.	00002-7250	00072-6192	00030-7250	00028-6223	00118-6193	00076-6044	00041-6107	00143-7250
viii.	RB Nos.	04640	04355	04422	04439	03359	03345	03970	03566
ix.	RB Make	TIMKEN		TIMKEN	TIMKEN		TIMKEN		
x.	RB Type	JIC CARTRIDGE TAPER ROLLER BEARING							
11.2	Secondary suspension load deflection Values:								
Description		Lateral Damper Side		Non-Lat. Damper Side		Lateral Damper Side		Non-Lat. Damper Side	
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
i.	Make & Nos.	RSK-16-09-959	GBD-17-04-27	RSK-16-09-943	GBD-17-04-	RSK-16-09-957	GBD-17-04-030	RSK-16-09-950	GBD-17-09-021
ii.	Ht. at rest load	507.00	467.00	508.00	466.00	505.00	467.00	507.00	468.00
iii.	Align. deviation	4.00	6.00	5.00	9.00	3.00	10.00	6.00	11.00
Items traceability:									
11.3	Sno.	Item					Make		
	i.	Primary Outer Spring	FSK-17-03		FSK-17-03		FSK		
	ii.	Primary inner Spring	FSK-17-03		FSK-17-03		FSK		
	iii.	Primary Damper	35558, 35973, 37090, 36840		35538, 35926, 35930, 35554		KONI		
	iv.	Secondary Damper	311, 353		178, 181		GABRIEL		
	v.	Lateral Damper	123		013		GABRIEL		
	vi.	Break cylinder & Caliper	6566, 6578, 6691, 6580		6692, 6579, 6693, 6581		KEI		
	vii.	Break Disc					FTI		
	viii.	Control arm top					KUMAR		
	ix.	Control arm bottom					KUMAR		
	x.	Top rubber Pad					GMT		
	xi.	Vertical Bump Stop					GMT		
	xii.	Ball Joint Control arm					GMT		
	xiii.	Lateral Bump stop					GMT		
	xiv.	Traction center make					EMSON		
	xv.	Traction lever make					SARITA		APW
	xvi.	Ball joint traction lever					MCN		
	xvii.	Traction center elastic					GMT		
	xviii.	Secondary rubber pad					DUREL		
	xix.	Rubber spring					GMT		
	xx.	Anti roll bar make					EMSON		
	xxi.	Ball joint roll link					SARITA		
	xxii.	Fork make					SARITA		
11.4	i.	Modification/Trail (if any):	NIL						
	ii.	Deviations (if any):	NIL						

LWFCZAC-6009