



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5040	DISPATCH DATE				10.12.2015
2.	Railway	NCR	Type	LWLRRM	Coach No.		15853
3.	Booked to			SSE/C&W/ CNB			
4.	Tare Weight of Coach		53.4 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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		ADVANCE	85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:					Make	
	i.	BRAKE EQUIPMENT				FAIVELEY	
	iii.	CDTS				AIR FLOW	
	iv.	SEATS/S&B				AMIR CHAND	
	v.	BODY SIDE DOOR				JBM, SUKATA	
	vi.	VESTIBULE SLIDING DOOR				HANSPAL	
	vii.	CREW-GEN & GUARD ROOM DOOR				CONCEPT/JBM	
	viii.	WATER TANKS				KUTEER, MANOJ	
	ix	FUEL TANK				GAURAV	
	x	UIC VESTIBULE				ESCORTS	
	XI	FLOOR BOARD				NARBADA	
	XII	PVC				RESPONSIVE	
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5040		NC		LWLRRM		15853/C		21-11-2015	
11.1	Wheel & Axle Details:		LPC-1 PP Side(Guard)					LPC-II NPP Side (Non guard)				
	i.	Bogie No.	156894					156895				
	ii.	Frame No.	FIAT-4232					BEC-050				
	iii.	Bolster No.	4886-P					5285-P				
	iv.	Axle No.	126888/470		125798/473		126393/474		125809/477			
	v.	Wheel Dia.	915.50	915.50	916.00	916.00	915.00	915.00	915.50	915.00		
	vi.	Wheel Disc No.	6228-00161	6207-00074	6228-00019	06228-00067	06228-00166	7166-00095	6207-00034	7166-00034		
	vii.	R.B. Nos.	38884	35280	34660	22115	05696	23109	23086	23081		
	viii.	R.B. Make	SKF		SKF		SKF		SKF			
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	Secondary suspension load deflection Values:											
Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2				
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner			
i.	Make & nos.	CMGBD-15-6-9	CMGBD-15-6-14	CMGBD-15-6-10	CMGBD-15-6-2	CMGBD-15-3-37	G-12-9-364	CMGBD-15-3-67	G-12-9-211			
ii.	Ht. at test load	510.50	467.50	509	468	515	470	515	469			
iii.	Align .deviation	10	20	7	20	11	11	12	17			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			GBD-15-6			GBD-15-6			GBD	
	ii.	Primary inner Spring			GBD-15-3			GBD-15-3			GBD	
	iii.	Primary Damper			0165,0100,0374,0375			0382,0248,0364,0398			KNORR	
	iv.	Secondary damper			00015,0044			0024,0099			KNORR	
	v.	Lateral Damper			00067			0068			KNORR	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			K15012/2000,H15006/2000 K15002/2000,K15003/2000			K15013/2000,H15004/2000 K15010/200,H15005/2000			FTI	
	viii.	Brake Disc									FTI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									MGN	
	xiv.	Traction centre elastic									SGA,GMT	
	xv.	Secondary rubber pad									TESPAK	
	xvi.	Rubber spring									GMT	
	xvii.	Anti roll bar make									EMSON	
	xviii.	Ball joint roll link									SARITA	
	xix.	Fork make									EMSON,SARITA	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

