



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4008	DISPATCH DATE			9/8/2014
2.	Railway	SR	Type	LWLRRM	Coach No.	13855/C
3.	Booked to	SSE/C&W/PER				
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	1104	
v)	Buffer/CBC (Make)	FAIVELEY		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	87	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			FAVELY		
iii.	CDTS			AIKON		
iv.	SEATS/S&B			AMIR CHAND		
v.	BODY SIDE DOOR			JBM		
vi.	VESTIBULE SLIDING DOOR			JBM		
vii.	CREW-GEN & GUARD ROOM DOOR			CONCEPT/JBM		
viii.	WATER TANKS			AMIT		
ix	FUEL TANK			OMAX		
x	UIC VESTIBULE			KRP		
Xi	FLOOR BOARD			NARBADA		
xii	PVC			RESPONSIVE		
10.						
10.1	Modification / Trail (if any):			NIL		
10.2	Deviations if any:			NIL		



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12.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			4008		SR		LWLRRM		13855		26-06-2014	
12.1	Wheel & Axle Details:		LPC-1 PP Side(Guard)					LPC-II NPP Side (Non guard)				
	i.	Bogie No.	146557					146556				
	ii.	Frame No.	FIAT-3176					FIAT-3177				
	iii.	Bolster No.	3870-P					3952-P				
	iv.	Axle No.	128925/986		127933/988		125965/477		128701/989			
	v.	Wheel Dia.	916.00	916.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00	
	vi.	Wheel Disc No.	179-63309	307-63301	277-10582	175-10582	116-63305	334-63309	102-10533	074-61077		
	vii.	R.B. Nos.	34184	34365	00329	00051	00295	00310	34138	34320		
	viii.	R.B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN			
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
12.2	Secondary suspension load deflection Values:											
Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2				
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & nos.	BPS-2013-24	BPS-2013-01	BPS-2013-25	BPS-2013-09	BPS-2013-59	BPS-2013-9	BPS-2013-12	BPS-2013-23			
ii.	Ht. attest load	507.50	463.50	509	467	513	468	511	466			
iii.	Align .deviation	7	2	5	2	5	22	1	22			
12.3	Items traceability:											
S no.		Item			PP Side Bogie			NPP side Bogie			Make	
i.	Primary Outer Spring			BPS-2013			BPS-2013			BPS		
ii.	Primary inner Spring			BPS-2013			BPS-2013			BPS		
iii.	Primary Damper									SACHS		
iv.	Secondary damper									SACHS		
v.	Lateral Damper									SACHS		
vi.	Yaw Damper									NIL		
vii.	Brake cylinder & Caliper									FTI		
viii.	Brake Disc									KBI		
ix.	Ball joint Control arm									SGA		
x.	Lateral Bump stop									GMT		
xi.	Traction center make									SARITA		
xii.	Traction lever make									SARITA		
xiii.	Ball joint traction lever									GMT		
xiv.	Traction centre elastic									SGA		
xv.	Secondary rubber pad									TESPAK		
xvi.	Rubber spring									GMT		
xvii.	Anti roll bar make									SARITA		
xviii.	Ball joint roll link									SARITA		
xix.	Fork make									EMSON		
12.4	i.	Modification / Trial (if any):					NIL					
	ii.	Deviations (if any):					NIL					