



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6007	DISPATCH DATE				30.5.2016
2.	Railway	ECR	Type	LWSCN1	Coach No.	16213	
3.	Booked to	SSE/C&W/RNCC					
4.	Tare Weight of Coach	41.239 T					
5.	Carrying Capacity	Seating	80	Sleeping	80	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		1102	1105	
v)	Buffer/CBC (Make )		FAVELLY		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 <sup>2</sup>		6 –10 sec	6 Sec	
			Max Pressure in BC		3.00 ± 0.15 Kg/cm <sup>2</sup>	3.00	
			All Brake are applied		OK	OK	
7.2	Insensitivity		Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min		No brake application	OK	
7.3	Sensitivity		Exhaust BP @ 0.1 kg/cm <sup>2</sup> /Sec, After 02 Sec.		Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT		PU PAINT		GS	85/89	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
i	BRAKE EQUIPMENT				FAVELLY		
ii	SEAT & BERTH				OVPL		
iii	BODY SIDE DOORS				JBM		
iv	WATER TANKS				SHIVALIK,MANOJ		
v	FLOOR BOARD				TAYAL		
vi	PVC FLOORING				RESPONSIVE		
vii	UIC VESTIBULE				ESCORT/KRP		
viii	VESTIBULE SLIDING DOOR				HP		
IX	BIO TANK				RAIL FAB		
X	LP SHEET				PL		
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			6007		ECR		LWSCN		16213		04-02-2016	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	166100						166101			
	ii.	Frame No.	FIAT-4600						FIAT-4633			
	iii.	Bolster No.	5394-VT						5397-VT			
	iv.	Axle No.	126830/989			126473/481			126520/481		129658/986	
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	915.00	915.00	916.00	916.00		
	vi.	Wheel Disc No.	7222-00074	6210-00129	7282-00073	6227-00209	7290-00035	6227-00147	06227-00109	06227-00140		
	vii.	R.B. Nos.	05716	34170	06706	34045	06704	06711	06742	34158		
	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.		DN-14-12-1108	G-14-12-071	DN-14-12-1184	G-14-12-069	DN-14-12-1170	G-14-12-150	DN-14-11-1038	G-14-12-141		
ii.	Ht. at test load		515	471	511	472	511	471	513	470		
iii.	Align .deviation		13	11	14	11	12	10	13	10		
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			G-14-11			G-14-11			GF	
	ii.	Primary inner Spring			G-14-3			G-14-3			GF	
	iii.	Primary Damper			1326,1363,1282,1345			1503,1541,1600,1294			GEREP	
	iv.	Secondary damper			24,3			33,17			GEREP	
	v.	Lateral Damper			11			594			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			M15084/600,M15044/600 M15074/600,M15089/600			M15082/600,M15042/600 M15072/600,M15085/600			FTI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									GMT	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									SGA	
	xiv.	Traction centre elastic									SGA	
	xv.	Secondary rubber pad									TESPAK	
	xvi.	Rubber spring									GMT	
	xvii.	Anti roll bar make									EMSON	
	xviii.	Ball joint roll link									SARITA	
	xix.	Fork make									SARITA	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

LWSCN 6007