



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6008	DISPATCH DATE			02.02.2017		
2.	Railway	ER	Type	LFCWAC	Coach No.	15029		
3.	Booked to			SSE/C&W/HWH				
4.	Tare Weight of Coach			43.6 T				
5.	Carrying Capacity	Seating	38	Sleeping	38	Luggage	NIL	
6.	Shell Details: WA900001							
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)		SANROK		Fiba Device	NIL		
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	85/86	
8.2	APPLICATION OF PCN-123			SATISFACTORY				
8.3	INSUALTION			SATISFACTORY				
9.	Traceability of Furnishing Items:			Make				
i.	BRAKE EQUIPMENT			FAIVELEY				
ii.	BIO TOILET			RAIL FAB, JSL				
iii.	SEATS/ BERTHS			AAR KAY FOAMS				
iv.	BODY SIDE DOOR			SUKATA				
v.	VESTIBULE SLIDING DOOR			KALSI				
vi.	SALOON DOOR			KALSI				
vii.	WATER TANKS			AMIT				
viii.	UIC VESTIBULE			ESCORTS				
ix	FLOOR BOARD			NARBADA				
x	PVC FLOORING			RESPONSIVE				
XI	PARTITION PANEL			HINDUSTAN				
10.								
i	Modification / Trail (if any):			NIL				
ii	Deviations if any:			NIL				



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			6008		ER		LFCWAC		15029/C		01-12-2016	
11.1	Wheel & Axle Details:		PP Side				NPP Side					
	i.	Bogie No.	167020				167021					
	ii.	Frame No.	FM-692				FM-656					
	iii.	Bolster No.	6318-GT				6402-P					
	iv.	Axle No.	N-0296		P-9806		R-3380		P-9271			
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	00147-6067	00175-6048	06825-6QH7	01553-6QH2	00137-7196	00082-7196	06833-6QH4	08229-6QM4	94259	94440
	vii.	R.B. Nos.	93967	87264	94021	99401	88313	63004	94259	94440		
	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	Outer	Inner
i.	Make & nos.	RSK-15-5-1103	RSK-16-5-659	RSK-15-5-1141	RSK-16-5-556	RSK-15-5-094	RSK-16-5-450	RSK-15-5-992	RSK-16-6-679			
ii.	Ht. at test load	508	468	509	468	510	468	511	468			
iii.	Align .deviation	18	30	18	32	14	26	16	29			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			RSK-14-5		RSK-15-11		RSK			
	ii.	Primary inner Spring			RSK-16-3		RSK-16-3		RSK			
	iii.	Primary Damper			485,33,713,132		297,483,500,452		GEREP			
	iv.	Secondary damper			0778,0646		0777,0790		SV			
	v.	Lateral Damper			364		339		SV			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper			G16292/600,G16263/600 G16171/600,G16267/600		G16159/600,G16227/600 G16160/600,G16226/600		FTI			
	viii.	Brake Disc							FTI			
	ix.	Ball joint Control arm							MGN			
	x.	Lateral Bump stop							GMT			
	xi.	Traction center make							SARITA			
	xii.	Traction lever make							SARITA			
	xiii.	Ball joint traction lever							SGA			
	xiv.	Traction centre elastic							GMT			
	xv.	Secondary rubber pad							TECSPACK			
	xvi.	Rubber spring							GMT			
	xvii.	Anti roll bar make							SARITA			
	xviii.	Ball joint roll link							SARITA			
	xix.	Fork make							SARITA			
11.4	i.	Modification / Trial (if any):					NIL					
	ii.	Deviations (if any):					NIL					

