



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF 9454; Version: 1

1.	SHELL No.	4018	DISPATCH DATE				30.03.2015
2.	Railway	SCR	Type	LWCBAC	Coach No.	14802	
3.	Booked to			SSE/C&W/BZA			
4.	Tare Weight of Coach			40.9 T			
5.	Carrying Capacity	Seating	NIL	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	1104		
v)	Buffer/CBC (Make)	ESCORTS		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		3.80 ± 0.15 Kg/cm ²	3.80	
			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	88/87		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			KBI			
ii.	CDTS/ BIO TOILET			DARSHAN			
iii.	SEATS/ BERTHS			AAR KAY FOAMS			
iv.	BODY SIDE DOOR			SUKATA			
v.	VESTIBULE SLIDING DOOR			KALSI			
vi.	SALOON DOOR			KALSI			
vii.	WATER TANKS			AMIT & SHIVALIK			
viii.	UIC VESTIBULE			CEMCON			
ix	FLOOR BOARD			TAYAL			
X	PVC			PREMIER POLYFILM			
Xi	LP SHEET			NA			
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	
			4018		SC		LWCBAC		14802/C		19-11-2014	
12.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	146963						146964			
	ii.	Frame No.	BOC/BHILAI-006						BOC/BHILAI-004			
	iii.	Bolster No.	1835-GT						175/P/ASR			
	iv.	Axle No.	128959/986			106310/629			Z-3692		106405/628	
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	917.00	917.00		
	vi.	Wheel Disc No.	251-11600	291-10559	142-10553	176-10533	099-10559	023-63312	061-10568	174-10563		
	vii.	R.B. Nos.	37665	37733	37653	08215	07798	36689	36680	36300		
	viii.	R.B. Make	SKF			SKF			SKF		SKF	
	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			
i.	Make & nos.	G-12-4-1158	G-12-4-1810	G-12-4-1145	G-12-4-1827	G-12-4-1147	G-12-4-1837	G-12-4-1107	G-12-4-1852			
ii.	Ht. attest load	510	466	512	467	511	466	512	466			
iii.	Align .deviation	8	13	7	12	3	15	4	21			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			G-13-11		G-13-11		GF			
	ii.	Primary inner Spring			G-13-11		G-13-11		GF			
	iii.	Primary Damper							KONI			
	iv.	Secondary damper							SACHS			
	v.	Lateral Damper							KONI			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							KBI			
	viii.	Brake Disc							KBI,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							GMT			
	xiv.	Traction centre elastic							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			
12.4	i.	Modification / Trial (if any):					NIL					
	ii.	Deviations (if any):					NIL					

LWCBAC-4018