



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5002	DISPATCH DATE				17.10.2015
2.	Railway	CR	Type	LS3	Coach No.	15460	
3.	Booked to	SSE/C&W/CST/M					
4.	Tare Weight of Coach	40.665 T					
5.	Carrying Capacity	Seating	100	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	1105		
	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	APEX	86/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:					Make	
	I	BRAKE EQUIPMENT			KBI		
	ii	SEAT & BERTH			MANOJ		
	lii	BODY SIDE DOORS			JBM		
	lv	WATER TANKS			RAIL FAB		
	v	FLOOR BOARD			TAYAL		
	VI	PVC			RESPONSIVE		
	Vii	LP SHEET			NA		
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5002		CR		LGS		15460/C		18-09-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156686						156687			
	ii.	Frame No.	SCI-FM-246-						SCI/FM-226			
	iii.	Bolster No.	5078-GT						4979-VT			
	iv.	Axle No.	125572/377			128008/988			125666/479		126334/474	
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	915.50	916.00		
	vi.	Wheel Disc No.	6148-00040	6191-00024	6229-00116	6148-00083	6229-00045	6149-00128	6191-00156	6212-00115		
	vii.	R.B. Nos.	22632	23393	21699	21682	22839	22635	23028	01306		
	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-14-5-845	DN-14-1-189	DN-14-1-391	DN-14-1-208	DN-14-5-817	DN-14-1-257	DN-14-5-798	DN-14-1-185			
ii.	Ht. at test load	512	463	513	462	514	472	516	470			
iii.	Align .deviation	10	12	10	15	10	11	9	11			
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-14-12				G-14-12				GF	
	iii.	Primary Damper	25403,25338,25337,25352				25327,25199,25438,25171				KONI	
	iv.	Secondary damper	1267,1295				1265,1302				GEREP	
	v.	Lateral Damper	416				441				GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper	1573/691,1634/691,1572/691,1633/691				1571/691,1632/691,1610/691,1671/691				KBI	
	viii.	Brake Disc									KBI	
	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									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									SARITA	
11.4	i.	Modification / Trial (if any):					NIL					
	ii.	Deviations (if any):					NIL					

LS3-5002