



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6020	DISPATCH DATE				24.04.17
2.	Railway	ECOR	Type	LWACCW	Coach No.	17052	
3.	Booked to	SSE/C&W/PUI					
4.	Tare Weight of Coach	52					
5.	Carrying Capacity	Seating	52	Sleeping	52	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	1104	1105		
	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	3.00 ± 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	86/88		
	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 TECH+ MK		
	iii.	SEATS/ BERTHS			OVPL		
	iv.	BODY SIDE DOOR			SUKATA		
	v.	VESTIBULE SLIDING DOOR			HP		
	vi.	COMPTT.DOOR			RT		
	vii.	WATER TANKS			(AUX) SHIVALIK,(U/S)PERFACT MECH,AMIT		
	viii.	UIC VESTIBULE			SSIPL		
	ix	FLOOR BOARD			NARBADA		
	X	PVC			RESPONSIVE		
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			
			6020	ECOR	LWACCW	17052	05-04-2017			
11.1	<u>Wheel & Axle Details:</u>									
	i.	Bogie No.	176311				176312			
	ii.	Frame No.	SCI/FM-806				SCI/FM-803			
	iii.	Bolster No.	6786-P				6790-P			
	iv.	Axle No.	W-3155		V-1498		S-1844		W-2871	
	v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
	vi.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
	vii.	Wheel Disc No.	00068/7275	00143/7270	00040/3352	09060/13351	00130/7292	00196/7292	00089/6226	00164/7274
	viii.	R.B. Nos.	86179	86168	86145	86287	79091	77500	78967	78964
	ix.	R.B. Make	SKF		SKF		SKF		SKF	
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING								
11.2	<u>Secondary suspension load deflection Values:</u>									
	Description	Lateral Damper Side		Non Lat. Damper side		Lateral Damper Side		Non Lat.Damper side		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & nos.	RSK-16-6-469	RSK-16-4-1398	RSK-16-6-562	RSK-16-4-1308	RSK-16-6-867	RSK-16-4-1394	RSK-16-6-860	RSK-16-4-1276	
ii.	Ht. at test load	512	468	512	467	511	468	509	467	
iii.	Align .deviation	12	32	15	32	6	25	9	27	
11.3	<u>Items traceability:</u>									
	Sno.	Item						Make		
	i.	Primary Outer Spring			FSK-17-01		FSK-17-01		FSK	
	ii.	Primary inner Spring			RSK-16-3		RSK-16-3		RSK	
	iii.	Primary Damper			34159,34211,34120,34192		34142,34190,34134,34109		KONI	
	iv.	Secondary damper			0081,0043		0098,0735		SV	
	v.	Lateral Damper			0186		084		SV	
	vi.	Brake cylinder & Caliper			F16175/600,F16207/600 F16174/600,F16237/600		M16234/600,M16209/600 M16186/600,M16084/600		FTI	
	vii.	Brake Disc							KBI	
	viii.	Control arm top							KUMAR	
	ix.	Control arm bottom							KUMAR	
	x.	Top Rubber Pad							SGA	
	xi.	Vertical Bump Stop							GMT	
	xii.	Ball joint Control arm							MGN	
	xiii.	Lateral Bump stop							GMT	
	xiv.	Traction center make							EMSON	
	xv.	Traction lever make							SARITA	
	xvi.	Ball joint traction lever							MGN	
	xvii.	Traction centre elastic							GMT	
	xviii.	Secondary rubber pad							TECSPAK	
	x ix.	Rubber spring							GMT	
	x x.	Anti roll bar make							SARITA	
	x xi.	Ball joint roll link							SARITA	
	x xii.	Fork make							RNG	
11.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				