



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4001/TRC	DISPATCH DATE			18.04.2016
2.	Railway	NR/RDSO	Type	LRDAC	Coach No.	8029
3.	Booked to			RDSO /LKO		
4.	Tare Weight of Coach					
5.	Carrying Capacity	Seating		Sleeping	Luggage	NIL
6.	Shell Details: TY 9008					
	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	1100	1105	
	v)	Buffer/CBC (Make )	ESCORT	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 <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	VIBGYOR	88/89+	
	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		AIR FLOW		
	iii.	SEATS/ BERTHS		RCF MADE		
	iv.	BODY SIDE DOOR		SUKATA		
	v.	VESTIBULE SLIDING DOOR		KALSI		
	vi.	COMPTT.DOOR,SALOON DOOR,CREW DOOR		KALSI,JBM,JBM		
	vii.	WATER TANKS,FUEL TANK		SHIVALIK,KUTEER,EC BLADE,GAURAV		
	viii.	UIC VESTIBULE		FRINKMART		
	ix	FLOOR BOARD & LP SHEET		TAYAL& PL		
	X	PVC		RESPONSIVE		
10.						
	10.1	Modification / Trail (if any):			NIL	
	10.2	Deviations if any:			NIL	



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11.	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			4001		NR/RDSO		LRDAC		8029		08-01-2016	
11.1	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	166024						166025			
	ii.	<b>Frame No.</b>	FIAT-4365						FIAT-4255			
	iii.	<b>Bolster No.</b>	5368-VT						5412-VT			
	iv.	<b>Axle No.</b>	128894/990		126735/468		126303/474		126550/481			
	v.	<b>Wheel Dia.</b>	916.00	916.00	916.00	916.00	916.50	916.00	916.00	916.00	916.00	916.00
	vi.	<b>Wheel Disc No.</b>	7282-00056	7273-00019	7273-00003	7273-00118	7282-00163	6227-00118	06227-00121	6221-00104	6221-00104	6221-00104
	vii.	<b>R.B. Nos.</b>	01269	01464	02532	02433	03408	01840	01574	05155	05155	05155
	viii.	<b>R.B. Make</b>	TIMKEN		TIMKEN		TIMKEN		TIMKEN		TIMKEN	
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	<b>Secondary suspension load deflection Values:</b>											
<b>Description</b>		<b>Secondary 1</b>		<b>Secondary 2</b>		<b>Secondary 1</b>		<b>Secondary 2</b>				
		<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>			
i.	<b>Make &amp; nos.</b>	FSK-15-9-9	RSK-NIL-20	FSK-15-9-85	RSK-NIL-01	FSK-15-9-45	RSK-NIL-18	FSK-15-9-39	RSK-NIL-19			
ii.	<b>Ht. at test load</b>	515	468	514.50	468	512.50	468	513	468			
iii.	<b>Align .deviation</b>	9	16	8	15	9	19	8	16			
11.3	<b>Items traceability:</b>											
	<b>Sno.</b>	<b>Item</b>			<b>PP Side Bogie</b>			<b>NPP side Bogie</b>			<b>Make</b>	
	i.	Primary Outer Spring			RSK-13-2			L&S-13-2			RSK,L&S	
	ii.	Primary inner Spring			FSK-15-5			GBD-15-8			FSK,GBD	
	iii.	Primary Damper			154,366,218,652			396,217,198,129			GEREP	
	iv.	Secondary damper			1398,438			NIL,426			GEREP	
	v.	Lateral Damper			56			68			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			1856/691,1920/691 1858/691,1919/691			1935/691,1988/691 1836/691,1699/691			KBI	
	viii.	Brake Disc									FTI	
	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									MGN	
	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	
11.4	i.	<b>Modification / Trial (if any):</b>						NIL				
	ii.	<b>Deviations (if any):</b>						NIL				

LRDAC-4001(TRC)