



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>5095</b>	DISPATCH DATE:			<b>05.06.2015</b>
2.	RAILWAY	<b>WR</b>	Type:	<b>GS</b>	Coach No.:	<b>154167</b>
3.	Booked to	<b>SSE/C&amp;W/OKHA</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions:					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>HEPL</b>		
ix)	Draw Gear (Make)			<b>RK</b>		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		<b>ADVANCE</b>	<b>85/86</b>	
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>			
8.3	INSUALTION		<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			<b>ESCORTS</b>		
ii.	SEAT & BERTH			<b>SAVITRI</b>		
iii.	WATER TANKS			<b>AMIT</b>		
iv.	PVC			<b>TAYAL</b>		
v.	FLOOR BOARD			<b>RESPONSIVE</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDONE</b>		
vii.	LAV. DOORS			<b>AMIR CHAND</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>M K PRECISION, OMAX</b>		
10.	10.1	Modification/ Trial (if any):		<b>NIL</b>		
	10.2	Deviations (if any):		<b>NIL</b>		



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11.	<b>Bogie Details:</b>	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		5095		WR		GS		154167		02-06-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	<b>Wheel &amp; Axle Details:</b>		PP Side				NPP Side				
	i.	Bogie No.	150700				150697				
	ii.	Frame No.	ASR-218				UBLS-1474				
	iii.	Axle No.	P-3101		W-2407		Y-6804		P-9969		
	iv.	Wheel Diameter	917.00	917.00	916.00	916.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	12165/ 297	12041/ 214	12024/ 208	12074/ 267	11993/ 285	12046/ 240	11994/ 310	11844/31 2	
	vi.	R.B. Nos.	X-2014	X-1858	X-2033	X-2039	X-2020	X-2015	X-1823	X-2036	
	vii	R.B. Make	FAG		FAG		FAG		FAG		
	vii i.	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>					PP SIDE			NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.				PEW-8067,6475			PEW-8036,6466		
	ii.	SECONDARY Shock Absorber Make &NO.				GAB-10792,10803			GAB-10005,10909		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>5097</b>	DISPATCH DATE:			<b>08.06.2015</b>
2.	RAILWAY	<b>WR</b>	Type:	<b>GS</b>	Coach No.:	<b>154207</b>
3.	Booked to	<b>SSE/C&amp;W/OKHA</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions:					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1102</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>HEPL</b>		
ix)	Draw Gear (Make)			<b>RK</b>		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		<b>ADVANCE</b>	<b>85/85</b>	
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>			
8.3	INSUALTION		<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT			Make <b>ESCORTS</b>		
ii.	SEAT & BERTH			<b>SAVITRI</b>		
iii.	WATER TANKS			<b>RAIL FAB</b>		
iv.	PVC			<b>TAYAL</b>		
v.	FLOOR BOARD			<b>RESPONSIVE</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDONE</b>		
vii.	LAV. DOORS			<b>AMIR CHAND</b>		
viii.	LP SHEET			<b>NK</b>		
ix)	BIO- TOILET			<b>M K PRECISION</b>		
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>	
	10.2	Deviations (if any):			<b>NIL</b>	



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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>		
		5097		WR		GS		154207		03-06-2015		
11.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>											
11.2	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>					
	i.	<b>Bogie No.</b>	150661				150683					
	ii.	<b>Frame No.</b>	UBLS-1467				UBLS-1428					
	iii.	<b>Axle No.</b>	S-1805		Y-7424		A-3758		A-3847			
	iv.	<b>Wheel Diameter</b>	916.50	917.00	916.00	916.00	917.00	917.00	917.00	917.00		
	v.	<b>Wheel Disc No.</b>	10422/ 295	06930/ 381	12039/ 312	12028/ 399	10392/ 284	10348/ 205	069222 /386	10386/38 7		
	vi.	<b>R.B. Nos.</b>	X1788	X0520	X1951	X2007	X2018	W0936	X2019	W0963		
	vii	<b>R.B. Make</b>	FAG		FAG		FAG		FAG			
	vii i.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing									
11.3	<b>Items Traceability:</b>					<b>PP SIDE</b>			<b>NPP SIDE</b>			
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>					AJT 4002,4001			PEW 9198,7864		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>					GAB 10894,10876			GAB 10869,10866		
11.4	i.	<b>Modification/ Trail (if any):</b>					NIL					
	ii.	<b>Deviations (if any):</b>					NIL					

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Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>5096</b>	DISPATCH DATE:			<b>09.06.2015</b>
2.	RAILWAY	<b>WR</b>	Type:	<b>GS</b>	Coach No.:	<b>154197</b>
3.	Booked to	<b>SSE/C&amp;W/OKHA</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions:					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>HEPL</b>		
ix)	Draw Gear (Make)			<b>RK</b>		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		<b>ADVANCE</b>	<b>85/85</b>	
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>			
8.3	INSUALTION		<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			<b>ESCORTS</b>		
ii.	SEAT & BERTH			<b>SAVITRI</b>		
iii.	WATER TANKS			<b>AMIT, RAIL FAB</b>		
iv.	PVC			<b>TAYAL</b>		
v.	FLOOR BOARD			<b>RESPONSIVE</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDONE</b>		
vii.	LAV. DOORS			<b>AMIR CHAND</b>		
viii.	LP SHEET			<b>NK</b>		
ix)	BIO- TOILET			<b>M K PRECISION</b>		
10.	10.1	Modification/ Trial (if any):		<b>NIL</b>		
	10.2	Deviations (if any):		<b>NIL</b>		



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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>		
		5096		WR		GS		154197		02-06-2015		
11.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>											
11.2	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>					
	i.	<b>Bogie No.</b>	150632				150658					
	ii.	<b>Frame No.</b>	ASR-81				UBLS-1447					
	iii.	<b>Axle No.</b>	W-2327		P-3159		P-3624		P-3843			
	iv.	<b>Wheel Diameter</b>	917.50	917.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	v.	<b>Wheel Disc No.</b>	10130/ 270	10455/ 247	01198/ 296	10337/ 211	08257/ 262	10703/ 297	05954/ 371	10269/24 8		
	vi.	<b>R.B. Nos.</b>	W1567	W1610	X2059	X2044	X-1931	X1947	X-1866	X-1948		
	vii	<b>R.B. Make</b>	FAG		FAG		FAG		FAG			
	vii i.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing									
11.3	<b>Items Traceability:</b>					<b>PP SIDE</b>			<b>NPP SIDE</b>			
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>					PEW-9070,6506			PEW-9250,9094		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>					GAB-10921,10825			GAB-10784,10790		
11.4	i.	<b>Modification/ Trail (if any):</b>					NIL					
	ii.	<b>Deviations (if any):</b>					NIL					

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