



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4055</b>	DISPATCH DATE:			<b>25.11.2014</b>
2.	RAILWAY	<b>SER</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>148701</b>
3.	Booked to			<b>SSE/C&amp;W/SBC</b>		
4.	Tare Weight of Coach :			<b>37.10 T</b>		
5.	Carrying Capacity :	Seating:	20	<b>Sleeping:</b>	4	Luggage: <b>8T</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>1098/1102</b>	<b>1104/1104</b>		
viii)	Buffer/CBC (Make )			<b>REPL</b>		
ix)	Draw Gear (Make)			<b>EMSON</b>		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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>VIBGYOR</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>SIL</b>		
ii.	SEAT & BERTH			<b>FLEXO FOAMS</b>		
iii.	WATER TANKS			<b>AMIT, RAIL FAB</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	UIC VESTIBULE			<b>NA</b>		
vii.	LAV. DOORS			<b>RCF &amp; ANKUR</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>OMAX</b>		
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>	
	10.2	Deviations (if any):			<b>NIL</b>	



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12.	<b>Bogie Details:</b>	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4055	SER		GSLRD		148701		06-10-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	<b>Wheel &amp; Axle Details:</b>	PP Side				NPP Side				
	i.	Bogie No.	141267				141265			
	ii.	Frame No.	RBO-1147				ASR-489			
	iii.	Axle No.	5212		3167		4289		5033	
	iv.	Wheel Diameter	915.50	915.50	916.50	916.50	918.00	918.00	916.00	916.00
	v.	Wheel Disc No.	42302/ 05208	42168/ 05208	36093/ 02052	48069/ 05839	48114/ 05839	45340/ 04936	45338/ 04936	45312/04 936
	vi.	R.B. Nos.	T-1816	T-2214	F-0615	F-0613	T-2167	T-1949	T-1930	T-2164
	vii.	R.B. Make	FAG		NBC		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<b>Items Traceability:</b>									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR-BREMSE				
12.4	i.	<b>Modification/ Trail (if any):</b>				NIL				
	ii.	<b>Deviations (if any):</b>				NIL				



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4059</b>	DISPATCH DATE:				<b>26.11.2014</b>
2.	RAILWAY	<b>SER</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>148703</b>	
3.	Booked to			<b>SSE/C&amp;W/HATIA</b>			
4.	Tare Weight of Coach :			<b>37.10 T</b>			
5.	Carrying Capacity :	Seating:	<b>20</b>	Sleeping:	<b>4</b>	Luggage: <b>8T</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>REPL</b>		
	ix)	Draw Gear (Make)			<b>EMSON</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>VIBGYOR</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>SIL</b>			
	ii.	SEAT & BERTH		<b>FLEXO FOAMS</b>			
	iii.	WATER TANKS		<b>AMIT, RAIL FAB</b>			
	iv.	PVC		<b>RESPONSIVE</b>			
	v.	FLOOR BOARD		<b>TAYAL</b>			
	vi.	UIC VESTIBULE		<b>NA</b>			
	vii.	LAV. DOORS		<b>AMIR CHAND &amp; ANKUR</b>			
	viii.	LP SHEET		<b>NA</b>			
	ix)	BIO- TOILET		<b>OMAX</b>			
10.	10.1	Modification/ Trial (if any):				<b>NIL</b>	
	10.2	Deviations (if any):				<b>NIL</b>	



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12.	<b>Bogie Details:</b>	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		4059	SER	GSLRD	148703	11-11-2014					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	<b>Wheel &amp; Axle Details:</b>	<b>PP Side</b>					<b>NPP Side</b>				
	i.	Bogie No.	141421					141420			
	ii.	Frame No.	ASR-596					ASR-599			
	iii.	Axle No.	T-0038		0795		P-3149		W-2776		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.00	916.00	
	v.	Wheel Disc No.	06967/ 241	06981/ 233	08940/ 247	08936/ 263	06982/ 249	06971/ 243	07205/ 386	07238/38 2	
	vi.	R.B. Nos.	V-1113	V-1349	V-1457	S-1677	V-1637	V-1753	V-1728	V-1762	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GSLRD-4059