



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4018</b>	DISPATCH DATE:			<b>19.7.2014</b>
2.	RAILWAY	<b>NFR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>14705</b>
3.	Booked to	<b>SSE/C&amp;W/GHY</b>				
4.	Tare Weight of Coach :	<b>37.10 T</b>				
5.	Carrying Capacity :	Seating:	20	Sleeping:	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			181.5 (AE63143) mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>JLS</b>		
ix)	Draw Gear (Make)			<b>CFPL</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>ESCORTS</b>		
ii.	SEAT & BERTH			<b>SAVITRI</b>		
iii.	WATER TANKS			<b>AMIT &amp; RAIL FAB, DISLAV</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>OVPL</b>		
vi.	UIC VESTIBULE			<b>NA</b>		
vii.	LAV. DOORS			<b>SAVITRI, 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					
		4018	NFR	GSLRD	14705	04-07-14					
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.	140821					140820			
	ii.	Frame No.	ASR-44					ASR-1254			
	iii.	Axle No.	1741		8585		9188		7647		
	iv.	Wheel Diameter	915.00	915.50	916.00	916.00	917.00	917.00	916.50	916.50	
	v.	Wheel Disc No.	06982/205	06985/241	06281/232	06956/208	06940/249	02092/235	06270/249	06271/204	
	vi.	R.B. Nos.	X1380	X1389	X1209	X1227	X1387	X1323	Y1012	Y1011	
	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)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL				
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>4022</b>	DISPATCH DATE:			<b>23.7.2014</b>
2.	RAILWAY	<b>NFR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>14707</b>
3.	Booked to	<b>SSE/C&amp;W/GHY</b>				
4.	Tare Weight of Coach :	<b>37.10 T</b>				
5.	Carrying Capacity :	Seating:	20	Sleeping:	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			181.5 (AE63143) mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>JLS</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>ESCORTS</b>		
ii.	SEAT & BERTH			<b>SAVITRI</b>		
iii.	WATER TANKS			<b>AMIT &amp; RAIL FAB</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>OVPL</b>		
vi.	UIC VESTIBULE			<b>NA</b>		
vii.	LAV. DOORS			<b>SAVITRI, AMIR CHAND &amp; ANKUR</b>		
viii.	LP SHEET			<b>PUNJAB LAMINATES</b>		
ix)	BIO- TOILET			<b>RAIL FAB</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	
		4022	NF		GSLRD		14707		09-07-2014	
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.	140840				140839			
	ii.	Frame No.	ASR-1283				ASR-01			
	iii.	Axle No.	1553		8087		1025		7639	
	iv.	Wheel Diameter	916.00	916.00	915.50	915.00	916.50	916.00	917.00	917.00
	v.	Wheel Disc No.	06310/ 244	05579/ 285	06358/ 264	06302/ 235	06334/ 314	06138/ 216	08212/ 239	06369/20 1
	vi.	R.B. Nos.	Y-1006	Y-1029	D-0996	D-0992	E-2863	E-2859	E-2817	E-2827
	vii.	R.B. Make	FAG		FAG		NBC		NBC	
	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)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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Form No. QMF4254;  
Version:  
05

1.	SHELL No:	4020	DISPATCH DATE:			30.7.2014
2.	RAILWAY	NFR	Type:	GSLRD	Coach No.:	14708
3.	Booked to	SSE/C&W/GHY				
4.	Tare Weight of Coach :	37.10 T				
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: 8T
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			181.5 (AE63143) mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104	
viii)	Buffer/CBC (Make )			JLS		
ix)	Draw Gear (Make)			RK		
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	ADVANCE	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT & RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			SAVITRI, AMIR CHAND & ANKUR		
viii.	LP SHEET			PUNJAB LAMINATES		
ix)	BIO- TOILET			RAIL FAB		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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12.	<b>Bogie Details:</b>	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		4020	NF		GSLRD		14708		14-07-2014		
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.	140861					140853			
	ii.	Frame No.	UBLS-18803					ASR-1322			
	iii.	Axle No.	U-8386		7576		2002		8257		
	iv.	Wheel Diameter	915.00	915.00	916.50	916.00	915.00	915.00	916.50	916.00	
	v.	Wheel Disc No.	05812/ 227	05582/ 376	06949/ 208	06879/ 261	05876/ 237	06927/ 224	06298/ 297	06441/24 9	
	vi.	R.B. Nos.	D-0976	D-0964	E-2502	E-2511	D-0794	D-0927	E-2494	E-2497	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	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)					GABRIEL				
12.4	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>4019</b>	DISPATCH DATE:			<b>24.7.2014</b>
2.	RAILWAY	<b>NFR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>14706</b>
3.	Booked to	<b>SSE/C&amp;W/GHY</b>				
4.	Tare Weight of Coach :	<b>37.10 T</b>				
5.	Carrying Capacity :	Seating:	20	Sleeping:	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	181.5 (AE63143) mm			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>	
	viii)	Buffer/CBC (Make )	<b>JLS</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:					
	i.	BRAKE EQUIPMENT	Make <b>ESCORTS</b>			
	ii.	SEAT & BERTH	<b>SAVITRI</b>			
	iii.	WATER TANKS	<b>AMIT &amp; RAIL FAB</b>			
	iv.	PVC	<b>RESPONSIVE</b>			
	v.	FLOOR BOARD	<b>OVPL</b>			
	vi.	UIC VESTIBULE	<b>NA</b>			
	vii.	LAV. DOORS	<b>SAVITRI, AMIR CHAND &amp; ANKUR</b>			
	viii.	LP SHEET	<b>PUNJAB LAMINATES</b>			
	ix)	BIO- TOILET	<b>RAIL FAB</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				
		4019	NFR	GSLRD	14706	08-07-2014				
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.	140836				140837			
	ii.	Frame No.	ASR-30				ASR-1376			
	iii.	Axle No.	8515		5063		T-3690		2266	
	iv.	Wheel Diameter	916.00	916.00	915.50	916.00	917.00	916.50	915.50	915.00
	v.	Wheel Disc No.	05689/ 242	05580/ 205	06138/ 228	06842/ 387	04208/ 229	06305/ 331	05750/ 237	06760/27 4
	vi.	R.B. Nos.	Y-1043	Y-1009	D-0978	D-1011	D-0998	D-1002	D-1000	D-1007
	vii.	R.B. Make	FAG		NBC		NBC		NBC	
	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)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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