



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4062</b>	DISPATCH DATE:				<b>21.11.2014</b>
2.	RAILWAY	<b>NFR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>14715</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:	<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>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/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>DARSHAN</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		
		4062	NFR		GSLRD		14715		15-10-2014		
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.	141318					141315			
	ii.	Frame No.	ASR-399					RBO-1135			
	iii.	Axle No.	U-4113		Y-6591		A-5783		A-5122		
	iv.	Wheel Diameter	918.00	918.00	915.50	915.00	918.00	918.00	917.50	917.50	
	v.	Wheel Disc No.	45931/ 05301	48077/ 05839	48049/ 05839	48618/ 06275	47873/ 05815	48702/ 06275	46302/ 05629	47950/05 815	
	vi.	R.B. Nos.	V-1682	V-1716	F-0786	F-0736	T-1692	T-1654	T1645	T-1667	
	vii.	R.B. Make	FAG		NBC		NBC		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	i.	BRAKE CYLINDER (Make)					AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)					KNORR-BREMSE				
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>4058</b>	DISPATCH DATE:			<b>24.11.2014</b>
2.	RAILWAY	<b>NFR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>14711</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			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1102/1102</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>86/87</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			SIL		
ii.	SEAT & BERTH			FLEXO FOAMS		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			ORIENTAL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			AMIR CHAND & ANKUR		
viii.	LP SHEET			NK		
ix)	BIO- TOILET			M K PRECISION		
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					
		<b>4058</b>	<b>NFR</b>	<b>GSLRD</b>	<b>14711</b>	<b>13-11-2014</b>					
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.	<b>141438</b>					<b>141435</b>			
	ii.	Frame No.	<b>ASR-518</b>					<b>ASR-574</b>			
	iii.	Axle No.	<b>4155</b>		<b>Z-7382</b>		<b>M-7959</b>		<b>N-1535</b>		
	iv.	Wheel Diameter	<b>916.00</b>	<b>916.00</b>	<b>916.50</b>	<b>916.00</b>	<b>916.00</b>	<b>916.00</b>	<b>916.00</b>	<b>916.50</b>	
	v.	Wheel Disc No.	<b>08808/290</b>	<b>06941/387</b>	<b>07247/246</b>	<b>07370/385</b>	<b>06299/249</b>	<b>08813/204</b>	<b>07248/276</b>	<b>07287/289</b>	
	vi.	R.B. Nos.	<b>R-105</b>	<b>R-182</b>	<b>S-629</b>	<b>S-628</b>	<b>V-1203</b>	<b>V-474</b>	<b>V-486</b>	<b>V1015</b>	
	vii.	R.B. Make	<b>FAG</b>		<b>FAG</b>		<b>FAG</b>		<b>FAG</b>		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	i.	BRAKE CYLINDER (Make)					<b>PEW</b>				
	ii.	SECONDARY Shock Absorber (Make)					<b>GABRIEL</b>				
12.4	i.	<b>Modification/ Trail (if any):</b>					<b>NIL</b>				
	ii.	<b>Deviations (if any):</b>					<b>NIL</b>				

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4060</b>	DISPATCH DATE:				<b>20.11.2014</b>
2.	RAILWAY	<b>NFR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>14714</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			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>86/87</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			SIL			
ii.	SEAT & BERTH			FLEXO FOAMS			
iii.	WATER TANKS			RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			NA			
vii.	LAV. DOORS			AMIR CHAND & ANKUR			
viii.	LP SHEET			LP			
ix)	BIO- TOILET			DARSHAN			
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					
		<b>4060</b>	<b>NFR</b>	<b>GSLRD</b>	<b>14714</b>	<b>20-10-2014</b>					
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.	<b>141336</b>					<b>141335</b>			
	ii.	Frame No.	<b>ASR-459</b>					<b>RBO-1173</b>			
	iii.	Axle No.	<b>4159</b>		<b>6168</b>		<b>0884</b>		<b>P-3437</b>		
	iv.	Wheel Diameter	<b>918.00</b>	<b>918.00</b>	<b>918.00</b>	<b>918.00</b>	<b>918.00</b>	<b>918.00</b>	<b>918.00</b>	<b>918.00</b>	
	v.	Wheel Disc No.	<b>08765/308</b>	<b>08749/236</b>	<b>08835/240</b>	<b>08826/217</b>	<b>08837/278</b>	<b>08818/267</b>	<b>08780/382</b>	<b>08788/212</b>	
	vi.	R.B. Nos.	<b>S-765</b>	<b>S-414</b>	<b>S-594</b>	<b>S-512</b>	<b>T-3036</b>	<b>S-850</b>	<b>S-435</b>	<b>S-521</b>	
	vii.	R.B. Make	<b>FAG</b>		<b>FAG</b>		<b>FAG</b>		<b>FAG</b>		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	i.	BRAKE CYLINDER (Make)					<b>PEW</b>				
	ii.	SECONDARY Shock Absorber (Make)					<b>KNORR-BREMSE</b>				
12.4	i.	<b>Modification/ Trail (if any):</b>					<b>NIL</b>				
	ii.	<b>Deviations (if any):</b>					<b>NIL</b>				

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