



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4031	DISPATCH DATE:			18.8.2014
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143718
3.	Booked to	SSE/C&W/MB				
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)			EMSON		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² 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 ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² 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		VIBGYOR	86/87	
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			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			RCF		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4031	NR	GSLRD	143718	04-08-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140972				140971			
	ii.	Frame No.	UBLS-1042				ASR-219			
	iii.	Axle No.	W-2622		U-8723		7575		3789	
	iv.	Wheel Diameter	917.00	917.00	918.00	918.00	917.00	917.50	915.50	915.00
	v.	Wheel Disc No.	06937/278	06963/245	06850/386	069362/43	06273/260	06948/295	05691/229	06301/287
	vi.	R.B. Nos.	E-2880	E-2884	E-2805	E-2763	D-0991	D-0967	D-0869	D-0861
	vii.	R.B. Make	NBC		NBC		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	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:	4033	DISPATCH DATE:			21.8.2014
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143717
3.	Booked to	SSE/C&W/MB				
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)			HEPL		
ix)	Draw Gear (Make)			EMSON		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² 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 ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² 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	VIBGYOR	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			RAIL FAB, RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			SAVITRI, ANKUR		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		4033	NR		GSLRD		143717		06-08-2014		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	140952					140977			
	ii.	Frame No.	UBLS-1039					ASR-174			
	iii.	Axle No.	Y-7877		S-2015		S-1580		U-6807		
	iv.	Wheel Diameter	915.00	915.00	915.00	915.00	918.00	918.00	918.00	918.00	
	v.	Wheel Disc No.	05744/ 211	05692/ 251	05591/ 252	05848/ 269	06952/ 256	05818/ 272	05590/ 290	06850/24 3	
	vi.	R.B. Nos.	E2369	E2361	D-0883	D-0889	E2796	E2820	E2704	E2726	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	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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1.	SHELL No:	4037	DISPATCH DATE:			22.8.2014	
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143720	
3.	Booked to	SSE/C&W/MB					
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)			HEPL,JLS			
ix)	Draw Gear (Make)			EMSON			
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		VIBGYOR	86/87		
8.2	APPLICATION OF PCN-123			SATISFACTORY			
8.3	INSUALTION			SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			SIL			
ii.	SEAT & BERTH			SAVITRI			
iii.	WATER TANKS			RAIL FAB, RUBICONE			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			ORIENTAL			
vi.	UIC VESTIBULE			NA			
vii.	LAV. DOORS			RCF			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			OMAX			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4037	NR		GSLRD		143720		11-08-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141016				141003			
	ii.	Frame No.	ASR-241				RBO-1020			
	iii.	Axle No.	S-7518		S-9009		V-9684		Y-6449	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	915.00	916.00	916.50	916.00
	v.	Wheel Disc No.	06286/ 370	06953/ 224	06293/ 234	06142/ 374	05738/ 278	05607/ 223	06952/ 248	06935/22 5
	vi.	R.B. Nos.	V-1476	V-1470	V-622	V-731	X-1984	X-2003	V879	V885
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				PEW,AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR				
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:	4028	DISPATCH DATE:			30.8.2014	
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143721	
3.	Booked to			SSE/C&W/NDLS			
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)				HEPL		
ix)	Draw Gear (Make)				EMSON		
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² 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 ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² 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		VIBGYOR	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			RAIL FAB, RUBICONE			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			NA			
vii.	LAV. DOORS			VEE CEE, AMIR CHAND & ANKUR			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			OMAX			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4028	NR		GSLRD		143721		06-08-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140982				140989			
	ii.	Frame No.	ASR-74				ASR-1188			
	iii.	Axle No.	S-6925		S-1853		S-1586		S-1424	
	iv.	Wheel Diameter	917.00	917.00	918.00	918.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	06969/ 270	05553/ 250	05751/ 233	06367/ 379	06376/ 299	06425/ 382	02669/ 217	06933/24 5
	vi.	R.B. Nos.	E-2766	E-2807	E-2834	E-2813	V-997	V-889	V-1135	V-890
	vii.	R.B. Make	NBC		NBC		NBC		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	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:	4043	DISPATCH DATE:			05.9.2014
2.	RAILWAY	NR	Type :	GSLRD	Coach No.:	143724
3.	Booked to	SSE/C&W/DLI				
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			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104		
viii)	Buffer/CBC (Make)			JLS		
ix)	Draw Gear (Make)			EMSON		
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 in 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	VIBGYOR	86/87	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT			Make SIL		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			ORIENTAL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			SAVITRI, AMIR CHAND & ANKUR		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4043	NR	GSLRD	143724	01-08-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140932				140995			
	ii.	Frame No.	ASR-172				ASR-176			
	iii.	Axle No.	1924		S-1839		S-1609		S-7578	
	iv.	Wheel Diameter	916.00	916.00	918.00	918.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	06343/ 112	06956/ 380	06849/ 216	06971/ 222	06889/ 383	06936/ 378	06356/ 254	06969/26 3
	vi.	R.B. Nos.	D0859	D0900	E2296	E2323	E2293	E2288	E2300	E2311
	vii.	R.B. Make	NBC		NBC		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	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:	4044	DISPATCH DATE:			13.9.2014
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143723
3.	Booked to			SSE/C&W/DLI		
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			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104	
viii)	Buffer/CBC (Make)			JLS, REPL		
ix)	Draw Gear (Make)			EMSON		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² 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 ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² 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		VIBGYOR	85/86	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			SIL		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			ORIENTAL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			SAVITRI, RCF & ANKUR		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		4044	NR		GSLRD		143723		01-08-2014		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	140959					140960			
	ii.	Frame No.	ASR-212					ASR-211			
	iii.	Axle No.	RWF-104766		R-1613		2129		1115		
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	915.00	915.00	915.00	915.00	
	v.	Wheel Disc No.	06500/230	06861/382	06951/264	06971/386	04067/241	04148/376	02155/213	02245/128	
	vi.	R.B. Nos.	E2280	E2291	E2295	E2276	D0974	D0969	E2263	E2232	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	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:	4041	DISPATCH DATE:			27.11.2014
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143722
3.	Booked to			SSE/C&W/DLI		
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			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104	
viii)	Buffer/CBC (Make)			JLS		
ix)	Draw Gear (Make)			EMSON		
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	VIBGYOR	86/87	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			SIL		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			ORIENTAL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			RCF, SAVITRI & ANKUR		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			M K PRECISION		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4041	NR	GSLRD	143722	13-08-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141029				140981			
	ii.	Frame No.	RBO-1021				ASR-191			
	iii.	Axle No.	U-9981		S-7232		V-9032		W-3066	
	iv.	Wheel Diameter	918.00	918.00	917.50	918.00	916.00	916.00	918.00	918.00
	v.	Wheel Disc No.	06970/259	06287/369	05517/234	06156/299	97379/237	00509/213	06856/291	06970/209
	vi.	R.B. Nos.	U1822	U1825	U2031	U1530	E2885	E2271	E2846	E2750
	vii.	R.B. Make	FAG		FAG		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				