



**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4366</b>	DISPATCH DATE:			<b>11.10.2014</b>
2.	RAILWAY	<b>SWR</b>	Type:	<b>GS</b>	Coach No.:	<b>14473</b>
3.	Booked to	<b>SSE/C&amp;W/YPR</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>1103/1100</b>	<b>1104/1102</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>OVPL</b>		
	iii.	WATER TANKS		<b>AMIT</b>		
	iv.	PVC		<b>RESPONSIVE</b>		
	v.	FLOOR BOARD		<b>ORIENTAL</b>		
	vi.	WINDOWS		<b>ABC, AGF,MECIDON</b>		
	vii.	LAV. DOORS		<b>SAVITRI</b>		
	viii.	LP SHEET		<b>PUNJAB LAMINATES</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>



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4366	SWR		GS		14473		06-10-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141263				141264			
	ii.	Frame No.	RBO-1111				RBO-1156			
	iii.	Axle No.	3571		3287		3576		3509	
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	915.50	915.50	916.00	916.00
	v.	Wheel Disc No.	45449/ 05004	45096/ 06043	45344/ 04936	45800/ 06040	48073/ 05839	48703/ 06275	48055/ 05839	45352/04 936
	vi.	R.B. Nos.	T-2211	T-2286	T-2210	T-2202	F-0735	F-0631	F-0633	F-0624
	vii.	R.B. Make	FAG		FAG		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR-BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GS-4366



**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	4368	DISPATCH DATE:			14.10.2014
2.	RAILWAY	SWR	Type:	GS	Coach No.:	14480
3.	Booked to	SSE/C&W/YPR				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	Luggage: NIL
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 )			REPL	
	ix)	Draw Gear (Make)			EMSON	
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	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		OVPL		
	iii.	WATER TANKS		RAIL FAB		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		TAYAL		
	vi.	WINDOWS		ABC, AGF,MECIDON		
	vii.	LAV. DOORS		AMIR CHAND		
	viii.	LP SHEET		PUNJAB LAMINATES		
	ix)	BIO- TOILET		OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		4368	SWR		GS	14480		07-10-2014		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141276				141274			
	ii.	Frame No.	UBLS-1120				RBO-1154			
	iii.	Axle No.	2922		8514		3076		3791	
	iv.	Wheel Diameter	916.50	916.00	915.00	915.00	913.00	913.00	912.00	912.00
	v.	Wheel Disc No.	45254/ 04936	48575/ 06275	05253/ 04629	453510 4936	48672/ 06275	48666/ 06273	45284/ 04936	48099/05 839
	vi.	R.B. Nos.	F-0636	F-0632	T-1614	T-15.3	T-1372	T-1360	T-1189	T-477
	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)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR-BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				LESS WHEEL DIA				

GS-4368



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4367	DISPATCH DATE:			15.10.2014
2.	RAILWAY	SWR	Type:	GS	Coach No.:	14474
3.	Booked to	SSE/C&W/YPR				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	Luggage: NIL
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 )			REPL		
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	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			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, AGF,MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATES		
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				
		4367	SWR	GS	14474	09-10-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141278				141281			
	ii.	Frame No.	RBO-1149				ASR-468			
	iii.	Axle No.	5037		S-5546		5152		2274	
	iv.	Wheel Diameter	918.00	918.00	916.00	916.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	48676/ 06275	48616/ 06275	41513/ 03604	41667/ 03624	48668/ 06275	45240/ 04679	48629/ 06275	48516/06 216
	vi.	R.B. Nos.	F-0734	F-0726	U-1604	U-1430	F-0727	F-0753	F-0750	F-0749
	vii.	R.B. Make	NBC		FAG		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR-BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4348</b>	DISPATCH DATE:			<b>15.10.2014</b>
2.	RAILWAY	<b>SWR</b>	Type:	<b>GS</b>	Coach No.:	<b>14481</b>
3.	Booked to	<b>SSE/C&amp;W/YPR</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>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>OVPL</b>		
	iii.	WATER TANKS		<b>RAIL FAB</b>		
	iv.	PVC		<b>RESPONSIVE</b>		
	v.	FLOOR BOARD		<b>ORIENTAL</b>		
	vi.	WINDOWS		<b>AGF,MECIDON</b>		
	vii.	LAV. DOORS		<b>AMIR CHAND</b>		
	viii.	LP SHEET		<b>PUNJAB LAMINATES</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>	



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date			
		4348	SWR		GS	14481	07-10-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141272				141271			
	ii.	Frame No.	ASR-379				ASR-462			
	iii.	Axle No.	2545		3507		4707		5211	
	iv.	Wheel Diameter	916.50	916.00	918.00	918.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	48033/ 05839	45349/ 04936	45824/ 06043	48625/ 06175	45234/ 04679	45249/ 04679	48116/ 05839	45514/05 004
	vi.	R.B. Nos.	F-0635	F-0641	T-1373	T-2157	T-1511	T-2162	T-1397	T-2053
	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-BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GS-4348



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala



**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4352</b>	DISPATCH DATE:			<b>15.10.2014</b>
2.	RAILWAY	<b>SWR</b>	Type:	<b>GS</b>	Coach No.:	<b>14482</b>
3.	Booked to	<b>SSE/C&amp;W/YPR</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>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			<b>SIL</b>	
	ii.	SEAT & BERTH			<b>SAVITRI</b>	
	iii.	WATER TANKS			<b>RAIL FAB</b>	
	iv.	PVC			<b>RESPONSIVE</b>	
	v.	FLOOR BOARD			<b>ORIENTAL</b>	
	vi.	WINDOWS			<b>ABC, AGF,MECIDON</b>	
	vii.	LAV. DOORS			<b>AMIR CHAND</b>	
	viii.	LP SHEET			<b>NK</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>



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		4352	SWR	GS	14482	11-10-2014					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	141295				141294				
	ii.	Frame No.	ASR-473				UBLS-1159				
	iii.	Axle No.	3078		Y-6175		RWF-107899		3288		
	iv.	Wheel Diameter	914.00	914.00	910.00	910.00	910.00	910.00	912.00	912.50	
	v.	Wheel Disc No.	48698/06274	48688/06275	41426/03489	41517/03604	41635/03624	41295/03349	47441/05721	46369/05629	
	vi.	R.B. Nos.	F-0591	F-0594	U-1905	U-1976	U-1843	U-1845	F-0832	F-0592	
	vii.	R.B. Make	NBC		FAG		FAG		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR-BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					LESS WHEEL DIA				

GS-4352



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

# ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4346</b>	DISPATCH DATE:			<b>15.10.2014</b>
2.	RAILWAY	<b>SWR</b>	Type:	<b>GS</b>	Coach No.:	<b>14478</b>
3.	Booked to	<b>SSE/C&amp;W/YPR</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>1102/1104</b>	<b>1103/1104</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>OVPL</b>		
	iii.	WATER TANKS		<b>RAIL FAB</b>		
	iv.	PVC		<b>RESPONSIVE</b>		
	v.	FLOOR BOARD		<b>ORIENTAL</b>		
	vi.	WINDOWS		<b>ABC, AGF,MECIDON</b>		
	vii.	LAV. DOORS		<b>AMIR CHAND</b>		
	viii.	LP SHEET		<b>NK</b>		
	ix)	BIO- TOILET		<b>VICTORA</b>		
10.	10.1	Modification/ Trial (if any):				<b>NIL</b>
	10.2	Deviations (if any):				<b>NIL</b>



**रेल डिब्बा कारखाना, कपूरथला**  
Rail Coach Factory , Kapurthala

12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		4346	SWR	GS	14478	01-10-2014					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	141251				141254				
	ii.	Frame No.	ASR-332				ASR-458				
	iii.	Axle No.	3862		3506		3575		4288		
	iv.	Wheel Diameter	915.00	915.00	916.00	916.00	918.00	918.00	918.00	918.00	
	v.	Wheel Disc No.	45323/ 04936	48076/ 05839	45370/ 04936	46032/ 05301	45850/ 06043	45217/ 04679	46031/ 05301	48032/05 839	
	vi.	R.B. Nos.	T1457	T546	F0646	F0643	E2151	S870	T2150	T2046	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					KNORR-BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-4346



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4355</b>	DISPATCH DATE:			<b>16.10.2014</b>
2.	RAILWAY	<b>SWR</b>	Type:	<b>GS</b>	Coach No.:	<b>14476</b>
3.	Booked to	<b>SSE/C&amp;W/YPR</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>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:					
i.	BRAKE EQUIPMENT			SIL		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			ORIENTAL		
vi.	WINDOWS			AGF,MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NK		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>	
	10.2	Deviations (if any):			<b>NIL</b>	



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		4355	SWR	GS	14476	06-10-2014					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	141270				141269				
	ii.	Frame No.	UBLS-1145				UBLS-1164				
	iii.	Axle No.	3083		8366		1717		2304		
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	915.50	916.00	916.00	916.50	
	v.	Wheel Disc No.	45242/04679	48037/05839	48070/05839	45256/04936	45999/03301	45356/04936	45283/04936	45255/04936	
	vi.	R.B. Nos.	T-1346	T-2523	T-1500	T-2153	F-0638	F-0620	F-0634	F-0646	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR-BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4344</b>	DISPATCH DATE:			<b>17.10.2014</b>	
2.	RAILWAY	<b>SWR</b>	Type:	<b>GS</b>	Coach No.:	<b>14479</b>	
3.	Booked to	<b>SSE/C&amp;W/YPR</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>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			OVPL			
iii.	WATER TANKS			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			ORIENTAL			
vi.	WINDOWS			AGF,MECIDON			
vii.	LAV. DOORS			AMIR CHAND			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			OMAX			
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>		
	10.2	Deviations (if any):			<b>NIL</b>		



12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4344	SWR	GS	14479	09-10-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141277				141280			
	ii.	Frame No.	RBO-1163				RBO-1132			
	iii.	Axle No.	4894		3510		2305		3564	
	iv.	Wheel Diameter	915.00	915.00	918.00	918.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	45286/ 04936	45244/ 04679	46026/ 05301	48719/ 06275	48673/ 06275	44768/ 04150	48716/ 06275	48642/06 275
	vi.	R.B. Nos.	T-960	T-1448	F-0716	F-0746	F-0731	F-0737	F-0724	F-0745
	vii.	R.B. Make	FAG		NBC		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				PEW,AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR-BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				





रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4340</b>	DISPATCH DATE:			<b>07.11.2014</b>
2.	RAILWAY	<b>SWR</b>	Type:	<b>GS</b>	Coach No.:	<b>14477</b>
3.	Booked to	<b>SSE/C&amp;W/YPR</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>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>OVPL</b>	
	iii.	WATER TANKS			<b>RAIL FAB</b>	
	iv.	PVC			<b>RESPONSIVE</b>	
	v.	FLOOR BOARD			<b>ORIENTAL</b>	
	vi.	WINDOWS			<b>ABC, AGF,MECIDON</b>	
	vii.	LAV. DOORS			<b>AMIR CHAND</b>	
	viii.	LP SHEET			<b>PUNJAB LAMINATE</b>	
	ix)	BIO- TOILET			<b>VICTORA</b>	
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>	
	10.2	Deviations (if any):			<b>NIL</b>	



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		4340	SWR	GS	14477	06-10-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	141266				141268			
	ii. Frame No.	RBO-1137				ASR-487			
	iii. Axle No.	3152		4670		4702		3357	
	iv. Wheel Diameter	917.50	917.50	916.00	916.00	915.00	915.50	916.00	916.00
	v. Wheel Disc No.	45156/ 04679	42549/ 03858	45361/ 04936	45377/ 04936	45222/ 04679	45298/ 04936	45365/ 04936	45257/04 936
	vi. R.B. Nos.	T-1294	T-1248	T-797	T-1855	T-2154	T-1960	T-2217	T-2163
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				KNORR-BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			