



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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**ROLLING STOCK CERTIFICATE**

Form No. QMF4254; Version: 05

1.	SHELL No:	4371	DISPATCH DATE:			16.10.2014	
2.	RAILWAY	CR	Type:	GS	Coach No.:	14427	
3.	Booked to	SSE/C&W/CSTM					
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			OVPL			
vi.	WINDOWS			AGF,ABC & MECIDON			
vii.	LAV. DOORS			AMIR CHAND			
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	
		4371	CR		GS		14427		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.	141257				141252			
	ii.	Frame No.	ASR-323				RBO-1162			
	iii.	Axle No.	4249		5030		2932		3154	
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	48058/05839	45998/05301	18098/05839	43048/05839	48065/05859	45784/06043	44879/04210	48779/06366
	vi.	R.B. Nos.	T2213	S876	S591	S466	S859	T3423	S479	S570
	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				

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ROLLING STOCK CERTIFICATE

31.7.2014

Form No. QMF4254; Version: 05

1.	SHELL No:	<b>4372</b>	DISPATCH DATE:			<b>17.10.2014</b>	
2.	RAILWAY	<b>CR</b>	Type:	<b>GS</b>	Coach No.:	<b>14429</b>	
3.	Booked to	<b>SSE/C&amp;W/CSTM</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				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>	



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12.	<b>Bogie Details:</b>	<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
		4372		CR		GS		14429		09-10-2014	
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
12.2	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	141279				141282				
	ii.	<b>Frame No.</b>	RBO-1076				RBO-1140				
	iii.	<b>Axle No.</b>	4268		W-3108		3568		3164		
	iv.	<b>Wheel Diameter</b>	911.00	911.00	915.00	915.00	918.00	918.00	918.00	918.00	
	v.	<b>Wheel Disc No.</b>	45247/ 04679	48106/ 05839	41557/ 03604	41478/ 03604	48637/ 06275	45397/ 05004	48709/ 06275	45407/05 004	
	vi.	<b>R.B. Nos.</b>	T-1190	T-1456	U-1635	U-1425	F-0715	F-0732	F-0755	F-0752	
	vii.	<b>R.B. Make</b>	FAG		FAG		NBC		NBC		
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	i.	<b>BRAKE CYLINDER (Make)</b>					PEW,AJT				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>					KNORR-BREMSE				
12.4	i.	<b>Modification/ Trail (if any):</b>					NIL				
	ii.	<b>Deviations (if any):</b>					LESS WHEEL DIA				



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4377	DISPATCH DATE:			18.10.2014
2.	RAILWAY	CR	Type:	GS	Coach No.:	14430
3.	Booked to	SSE/C&W/CSTM				
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	1103/1104	1103/1104		
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		ORIENTAL			
vi.	WINDOWS		ABC, AGF, MECIDON			
vii.	LAV. DOORS		AMIR CHAND			
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				
		4377	CR	GS	14430	14-10-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141307				141304			
	ii.	Frame No.	ASR-484				ASR-481			
	iii.	Axle No.	RWF-92946		3156		V-0065		U-8381	
	iv.	Wheel Diameter	918.00	918.00	916.50	916.00	916.00	916.00	916.00	916.00
	v.	Wheel Disc No.	47909/ 05815	47914/ 05815	48029/ 05839	48739/ 06275	48102/ 05839	48113/ 05839	48118/ 05839	48641/06 275
	vi.	R.B. Nos.	S-573	S-728	F-0762	F-0806	F-0761	F-0792	F-0807	F-0804
	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)				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>4375</b>	DISPATCH DATE:			<b>17.10.2014</b>
2.	RAILWAY	<b>CR</b>	Type:	<b>GS</b>	Coach No.:	<b>14428</b>
3.	Booked to	<b>SSE/C&amp;W/CST/M</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	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:					
	i.	BRAKE EQUIPMENT			Make <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,ABC, MECIDON</b>	
	vii.	LAV. DOORS			<b>AMIR CHAND</b>	
	viii.	LP SHEET			<b>PUNJAB LAMINATE</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.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		4375	CR	GS	14428	30-09-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	141246				141247			
	ii. Frame No.	RBO-1153				ASR-285			
	iii. Axle No.	2308		5117		3569		4264	
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	915.00	915.00	916.00	916.00
	v. Wheel Disc No.	42172/ 35208	48661/ 06275	46052/ 05301	45322/ 04936	48043/ 05839	45327/ 04936	45364/ 04936	42576/03 858
	vi. R.B. Nos.	T2072	T1349	T2535	T1501	T966	T1464	T-1445	T-540
	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			

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