



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4006	DISPATCH DATE:			18.6.2014
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14417
3.	Booked to	SSE/C&W/BSP				
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	181.5 mm (AE63143)			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1102/1104	
	viii)	Buffer/CBC (Make)	RIL			
	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	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT			Make ESCORTS	
	ii.	SEAT & BERTH			SAVITRI	
	iii.	WATER TANKS			AMIT	
	iv.	PVC			RESPONSIVE	
	v.	FLOOR BOARD			TAYAL	
	vi.	WINDOWS			MOHAN,AGF & MECIDON	
	vii.	LAV. DOORS			SAVITRI	
	viii.	LP SHEET			NA	
	ix)	BIO- TOILET			RAIL FAB	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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Shell No.: 4006

Dispatch Date: 01-04-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140363				140396			
Frame No.	ASR-991				UBLS-491			
Axle No.	RWF-90343		RWF-98233		S-6895		S-5656	
Wheel Diameter	916.50	916.50	916.00	916.00	918.00	918.00	918.00	918.00
Wheel Disc No.	02807/12 240	63348/06 566	03207/12 487	63300/0 6566	52028/0 8750	55016/09 010	55005/09 010	55118/09 272
R.B. No.	M-2383	M-2340	M-2343	M-2349	B-1248	M-2746	B-1246	M-2740
R.B. Make	NBC		NBC		NBC		NBC	
Type	Direct Mounted Spherical Roller Bearing							

5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	12317,13475	7540,6899	PEW,AJT
2	SECONDARY VERTICAL DAMPER	9868,9844	9866,10089	IAI

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4006



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4018	DISPATCH DATE:		19.6.2014	
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14414
3.	Booked to	SSE/C&W/BSP				
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	181.5 mm (AE63143)				
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104		
viii)	Buffer/CBC (Make)	RIL				
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		
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			
iv.	PVC		RESPONSIVE			
v.	FLOOR BOARD		TAYAL			
vi.	WINDOWS		MOHAN,AGF & MECIDON			
vii.	LAV. DOORS		SAVITRI			
viii.	LP SHEET		NA			
ix)	BIO- TOILET		RAIL FAB			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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Shell No.: 4018

Dispatch Date: 17-04-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140476				140460			
Frame No.	ASR-1113				RBO-920			
Axle No.	W-2567		U-7126		V-9701		RWF-97514	
Wheel Diameter	917.00	917.00	916.00	915.50	917.00	917.00	917.00	917.00
Wheel Disc No.	54836/09 178	02808/12 240	02914/12 392	59135/0 3099	63321/0 6744	12813/10 843	63313/06 566	62800/10 845
R.B. No.	O-26	O-16	B-1044	B-1077	Y-2232	Y-2266	Y-2292	Y-2253
R.B. Make	FAG		NBC		FAG		FAG	
Type	Direct Mounted Spherical Roller Bearing							

5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	11501,11372	13470,11503	PEW
2	SECONDARY VERTICAL DAMPER	10331,10329	9860,9857	GAB

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4018



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4085	DISPATCH DATE:			21.6.2014	
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14428	
3.	Booked to	SSE/C&W/BSP					
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		181.5 mm (AE63143)				
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104			1104/1103	
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 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.	WINDOWS		MOHAN,AGF,ABC & MECIDON				
vii.	LAV. DOORS		SAVITRI				
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		
		4085		SEC		GS		14428		3-06-14		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
12.2	Wheel & Axle Details:	PP Side						NPP Side				
	i.	Bogie No.	140675						140663			
	ii.	Frame No.	RBO-1000						ASR-1273			
	iii.	Axle No.	0751		0082		5749		V-9450			
	iv.	Wheel Diameter	913.00	913.00	912.00	912.00	911.00	911.00	912.50	912.00		
	v.	Wheel Disc No.	24920/15035	24915/15035	24928/15035	24849/15035	02609/12240	00539/04029	19009/16671	19067/16671		
	vi.	R.B. Nos.	X-2237	X-1520	X-2224	X-2247	Y2065	Y1739	X1621	X1635		
	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)						ESCORT				
12.4	i.	Modification/ Trail (if any):						LESS WHEEL DIA.				
	ii.	Deviations (if any):						NIL				



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4083	DISPATCH DATE:			10.7.2014
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14427
3.	Booked to	SSE/C&W/BSP				
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			181.5 mm (AE63143)		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1102	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 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		ADVANCE	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			OVPL		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			MOHAN,AGF& ABC		
vii.	LAV. DOORS			PUNJAB LAMINATES		
viii.	LP SHEET			MILTON		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



रेल डिब्बा कारखाना, कपूरथला
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12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4083		SEC		GS		14427		26-05-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i. Bogie No.	140576					140600				
	ii. Frame No.	RBO-944					ASR-1265				
	iii. Axle No.	RWF-91783		RWF-92376		S-5159		S-6836			
	iv. Wheel Diameter	915.00	915.00	916.00	915.50	915.00	915.00	916.00	916.00		
	v. Wheel Disc No.	15224/ 16212	19084/ 16671	00299/ 03946	29225/ 00730	63062/ 7360	55365/ 09932	15753/ 16212	15023/16 142		
	vi. R.B. Nos.	Y-1752	Y-1698	Y-1740	Y-1708	X-1386	Y-1096	Y-1146	Y-1258		
	vii. R.B. Make	NBC		NBC		FAG		FAG			
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing									
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				