



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4011	DISPATCH DATE:			15.5.2014
2.	RAILWAY	SEC	Type :	GS	Coach No.:	14409
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			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 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			OVPL		
vi.	WINDOWS			AGF & MECIDON		
vii.	LAV. DOORS			SAVITRI & SHOP MADE(RCF)		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			RAIL FAB		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



Shell No.: __4011__

Dispatch Date: 24-03-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140331				140358			
Frame No.	RBO-839				UBLS-499			
Axle No.	U-8388		S-5511		RWF-98166		S-3525	
Wheel Diameter	917.00	918.00	918.00	918.00	917.50	918.00	917.50	917.00
Wheel Disc No.	03755/27 6	03758/21 1	03789/29 9	03963/2 28	04211/2 21	03835/24 6	03645/27 0	03646/37 6
R.B. No.	B-0613	B-0618	A-0660	A-0617	B-0614	B-0617	B-0610	B-0635
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	K-8992,K-7516	12312,12921	PEW
2	SECONDARY VERTICAL DAMPER	120189,119758	119771,120615	IAI

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4033	DISPATCH DATE:		19.5.2014
2.	RAILWAY	SEC	Type:	GS	Coach No.:
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	200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104		1100/1101
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/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	
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		OVPL		
vi.	WINDOWS		AGF & MECIDON		
vii.	LAV. DOORS		SAVITRI & SHOP MADE(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					
		4033	SEC	GS	14410	29-04-14					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	140389				140491				
	ii.	Frame No.	UBLS-480				ASR-1023				
	iii.	Axle No.	S-5629		RWF-91994		V-9331		W-2564		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.50	917.50	917.50	917.50	
	v.	Wheel Disc No.	03713/ 239	03757/ 244	04237/ 210	03944/ 229	04099/ 370	04162/ 275	03974/ 256	04178/21 8	
	vi.	R.B. Nos.	B-1194	B-1200	B-1191	B-0543	B-0922	B-0917	B-0906	B-0749	
	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)					IAI,GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-4033



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Form No. : QMF4254; Version: 05

1.	SHELL No:	4020	DISPATCH DATE:		16.5.2014
2.	RAILWAY	SEC	Type:	GS	Coach No.:
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	200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	1102/1103	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/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	
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	OVPL			
vi.	WINDOWS	AGF & MECIDON			
vii.	LAV. DOORS	SAVITRI & SHOP MADE(RCF)			
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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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		4020	SEC	GS	14408	26.04.2014					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	140507				140511				
	ii.	Frame No.	ASR-974				ASR-1133				
	iii.	Axle No.	S-5143		RWF-91363		RWF-93477		RWF-90992		
	iv.	Wheel Diameter	915.00	915.00	915.00	915.00	916.00	916.00	917.00	917.00	
	v.	Wheel Disc No.	15073/ 16142	15159/ 16242	59137/ 03099	98992/ 04245	02883/ 12392	63339/ 06566	55032/ 09010	59155/03 099	
	vi.	R.B. Nos.	B1051	B1088	B0925	B0882	B0908	B0914	B0929	B0930	
	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)				PEW					
	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:	4013	DISPATCH DATE:		28.5.2014		
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14412	
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		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	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		OVPL				
iii.	WATER TANKS		AMIT				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		TAYAL				
vi.	WINDOWS		AGF & MECIDON				
vii.	LAV. DOORS		SAVITRI,RCF MADE				
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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Shell No.: 4013

Dispatch Date: 29-01-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140125				140127			
Frame No.	ASR-548				ASR-831			
Axle No.	4768		U-8158		2767		T-4709	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	917.50	917.580
Wheel Disc No.	03876/23 8	03692/32 6	03726/24 3	03735/2 26	04274/2 62	04052/25 7	02228/21 6	03807/22 6
R.B. No.	P1606	P1600	O-939	O-258	O-251	O-45	O-260	O-58
R.B. Make	FAG		FAG		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	296,363	306,266	AJT
2	SECONDARY VERTICAL DAMPER	120471,119809	120502,119699	IAI

5.2 MODIFICATION (IF ANY)

5.3 DEVIATION (IF ANY):

GS-4013



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Form No. : QMF4254; Version: 05

1.	SHELL No:	4016	DISPATCH DATE:		28.5.2014
2.	RAILWAY	SEC	Type:	GS	Coach No.:
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	200 mm			
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/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	
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		AMIT		
iv.	PVC		RESPONSIVE		
v.	FLOOR BOARD		TAYAL		
vi.	WINDOWS		AGF & MECIDON		
vii.	LAV. DOORS		RCF MADE		
viii.	LP SHEET		NA		
ix)	BIO- TOILET		OMAX		
10.	10.1	Modification/ Trial (if any):	NIL		
	10.2	Deviations (if any):	NIL		



Shell No.: 4016

Dispatch Date: 19-04-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140464				140486			
Frame No.	ASR-911				ASR-1118			
Axle No.	V-9725		U-9841		RWF-90996		S-5581	
Wheel Diameter	917.00	917.00	918.00	918.00	917.50	918.00	916.00	915.50
Wheel Disc No.	03428/25 47	03296/12 547	02885/12 392	03320/1 2547	55062/0 9010	55490/02 209	16142/15 002	15101/16 142
R.B. No.	Y2316	Y2300	Y2243	Y1611	Y1529	Y1813	Y1830	Y1887
R.B. Make	FAG		FAG		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	E-13451,E-13411	7454,7636	PEW,AJT
2	SECONDARY VERTICAL DAMPER	10141,9896	10140,10133	GAB

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):



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Form No. : QMF4254; Version: 05

1.	SHELL No:	4009	DISPATCH DATE:		29.5.2014
2.	RAILWAY	SEC	Type:	GS	Coach No.:
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)	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	
8.2	APPLICATION OF PCN-123	SATISFACTORY			
8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:				
i.	BRAKE EQUIPMENT	Make ESCORTS			
ii.	SEAT & BERTH	OVPL			
iii.	WATER TANKS	AMIT			
iv.	PVC	RESPONSIVE			
v.	FLOOR BOARD	OVPL			
vi.	WINDOWS	AGF & MECIDON			
vii.	LAV. DOORS	SAVITRI & RCF MADE			
viii.	LP SHEET	PUNJAB LAMINATES			
ix)	BIO- TOILET	OMAX			
10.	10.1	Modification/ Trial (if any):	NIL		
	10.2	Deviations (if any):	NIL		



Shell No.: 4009

Dispatch Date: 09-04-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140428				140433			
Frame No.	UBLS-493				ASR-1049			
Axle No.	U-6917		S-1518		RWF-92563		K-5653	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	917.50	918.00	918.00
Wheel Disc No.	55012/09 010	63379/06 566	59182/03 090	30191/0 2684	55015/0 9010	02763/12 210	55423/02 209	63403/06 566
R.B. No.	B-0746	B-0739	M-2264	M-2267	B-0727	M-2242	B-0770	M-2238
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	6819,6979	E-13545,E-13486	AJT,PEW
2	SECONDARY VERTICAL DAMPER	9940,10159	10158,9936	GAB

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4015	DISPATCH DATE:		30.5.2014		
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14416	
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)	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	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	OVPL					
iii.	WATER TANKS	AMIT					
iv.	PVC	RESPONSIVE					
v.	FLOOR BOARD	OVPL					
vi.	WINDOWS	AGF & MECIDON					
vii.	LAV. DOORS	SAVITRI & RCF MADE					
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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Shell No.: 4015

Dispatch Date: 22-03-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140350				140335			
Frame No.	UBLS-511				ASR-939			
Axle No.	U-8608		RWF-91491		RWF-97968		4858	
Wheel Diameter	917.00	917.50	917.00	917.50	917.00	917.00	918.00	918.00
Wheel Disc No.	03743/27 3	03705/26 8	03850/24 7	04204/2 78	03654/2 86	04103/22 4	03636/23 8	03909/26 3
R.B. No.	B-0621	B-0623	B-0644	B-0612	A-1769	A-1759	A-1745	A-1749
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	E-12265,E-12329	13387,12373	PEW
2	SECONDARY VERTICAL DAMPER	119626,120237	317,566	IAI,GABRIAL

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4015



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4017	DISPATCH DATE:			30.5.2014	
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14413	
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	OVPL
	iii.	WATER TANKS	AMIT
	iv.	PVC	RESPONSIVE
	v.	FLOOR BOARD	OVPL
	vi.	WINDOWS	AGF & MECIDON
	vii.	LAV. DOORS	RCF MADE
	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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Shell No.: 4017

Dispatch Date: 09-04-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140423				140430			
Frame No.	UBLS-918				UBLS-494			
Axle No.	V-9994		S-7324		RWF-84702		RWF-90956	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
Wheel Disc No.	55260/09 932	63330/06 566	55011/09 010	55435/0 2209	63273/0 6566	58865/03 606	63130/06 744	55020/09 010
R.B. No.	M-2274	M-2236	B-0758	B-0724	B-1017	B-0991	B-1014	B-1004
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	6796,6798	7602,7603	AJT
2	SECONDARY VERTICAL DAMPER	10095,9842	9887,10402	GAB

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4017



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4029	DISPATCH DATE:		14.6.2014
2.	RAILWAY	SEC	Type:	GS	Coach No.: 14420
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		OVPL		
iii.	WATER TANKS		RAIL FAB & AMIT		
iv.	PVC		RESPONSIVE		
v.	FLOOR BOARD		OVPL		
vi.	WINDOWS		AGF , MECIDON & MOHAN		
vii.	LAV. DOORS		SAVITRI		
viii.	LP SHEET		PUNJAB LAMINATES		
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.: 4029

Dispatch Date: 27-01-14

BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Ait 'a'

RLY	SEC	Type	GS	Coach No.	14420
-----	-----	------	----	-----------	-------

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140106				140057			
Frame No.	ASR-807				ASR-618			
Axle No.	S-9177		U-4335		S-9363		T-0262	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
Wheel Disc No.	02538/32 6	02633/33 1	04066/23 4	03985/3 77	03979/2 67	04064/23 2	03803/37 1	02080/21 9
R.B. No.	O-409	O-441	O-436	O-434	P-1450	P-1451	P-1442	P-1441
R.B. Make	FAG		FAG		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	904,899	918,959	AJT
2	SECONDARY VERTICAL DAMPER	119854,120639	120657,120727	IAI

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4029



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4043	DISPATCH DATE:			3.6.2014
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14419
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	ADVANCE	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		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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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4043	SEC	GS	14419	28-04-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140496				140480			
	ii.	Frame No.	ASR-1075				ASR-1080			
	iii.	Axle No.	RWF-110371		T-3873		U-8255		8186	
	iv.	Wheel Diameter	917.50	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	04210/285	02523/261	04008/272	03763/377	04212/222	04237/244	03654/227	03655/203
	vi.	R.B. Nos.	B-1131	B-0928	B-1118	B-1121	O-44	Y-2269	Y-1641	Y-1618
	vii.	R.B. Make	NBC		NBC		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				PEW				
	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:	4074	DISPATCH DATE:			4.6.2014
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14423
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)	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		TAYAL		
	vi.	WINDOWS		AGF & MECIDON		
	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	



12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		4074	SEC	GS	14423	09-05-14					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	140541				140521				
	ii.	Frame No.	ASR-1117				ASR-1022				
	iii.	Axle No.	4164		T-3220		S-5559		V-9409		
	iv.	Wheel Diameter	917.00	917.50	918.00	918.00	916.50	916.50	917.50	917.50	
	v.	Wheel Disc No.	03656/ 369	05556/ 247	03680/ 376	03764/ 285	06300/ 256	04263/ 239	04259/ 265	06217/25 8	
	vi.	R.B. Nos.	J-0512	J-0375	J-0514	J-0289	B-0963	B-0975	B-0944	B-0957	
	vii.	R.B. Make	NBC		NBC		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)					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:	4060	DISPATCH DATE:		17.6.2014		
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14422	
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	1103/1103		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	ADVANCE	86/87			
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT	Make					ESCORTS
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						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				
		4060	SEC	GS	14422	12-05-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140526				140546			
	ii.	Frame No.	ASR-967				ASR-1003			
	iii.	Axle No.	V-9062		7310		V-9597		8250	
	iv.	Wheel Diameter	916.00	915.50	917.00	917.50	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	06289/ 295	06302/ 215	06599/ 370	06303/ 221	05973/ 276	06812/ 272	06757/ 179	04214/19 7
	vi.	R.B. Nos.	B1244	B1275	B1214	B1208	B1245	B1216	B1209	B1204
	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:	4067	DISPATCH DATE:			17.6.2014
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14421
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)		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	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		TAYAL			
vi.	WINDOWS		AGF & MECIDON			
vii.	LAV. DOORS		SAVITRI			
viii.	LP SHEET		PUNJAB LAMINATES			
ix)	BIO- TOILET		RAIL FAB			
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	
		4067		SEC		GS		14421		09-05-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side					NPP Side			
	i.	Bogie No.	140529					140534			
	ii.	Frame No.	ASR-1121					ASR-814			
	iii.	Axle No.	RWF-97871		RWF-94690		RWF-98176		V-9577		
	iv.	Wheel Diameter	916.50	916.50	917.00	917.50	916.50	916.50	917.00	917.50	
	v.	Wheel Disc No.	06369/ 287	06302/ 244	05958/ 253	05617/ 302	05627/ 259	05814/ 222	05922/ 314	05781/27 5	
	vi.	R.B. Nos.	B0938	B0971	B0973	B0972	B0967	B1268	B982	B0954	
	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)					PEW				
	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:	4095	DISPATCH DATE:		13.6.2014		
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14424	
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	1100/1104		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 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		OVPL				
iii.	WATER TANKS		RAIL FAB & AMIT				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		TAYAL				
vi.	WINDOWS		AGF , MECIDON & MOHAN				
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				
		4095	SEC	GS	14424	24-05-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	140603				140602				
	ii. Frame No.	ASR-1164				ASR-1276				
	iii. Axle No.	U-7123		8231		RWF-93182		S-9399		
	iv. Wheel Diameter	912.00	912.00	910.00	910.00	911.50	911.00	911.00	911.00	
	v. Wheel Disc No.	11998/ 16142	12135/ 14310	19020/ 16671	18486/ 16621	15094/ 16142	14993/ 16142	14591/ 15909	18791/16 567	
	vi. R.B. Nos.	Y1142	Y938	Y1353	Y1568	Y970	Y976	Y960	Y964	
	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)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				LESS WHEEL DIA USED				
	ii.	Deviations (if any):				NIL				

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4023	DISPATCH DATE:			20.6.2014	
2.	RAILWAY	SEC	Type:	GS	Coach No.:	14425	
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/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			
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			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			MOHAN,AGF & 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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Shell No.: 4023

Dispatch Date: 29-01-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140105				140048			
Frame No.	ASR-764				ASR-742			
Axle No.	S-1483		U-8164		U-9409		U-9638	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	917.00	917.00
Wheel Disc No.	03674/24 1	03855/27 3	97722/32 7	02511/2 03	03951/2 10	03892/26 5	04069/21 1	03798/29 0
R.B. No.	O-440	O-428	O-516	O-303	P-1724	P1374	P1429	P1454
R.B. Make	FAG		FAG		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	1658,1919	922,887	AJT
2	SECONDARY VERTICAL DAMPER	120187,119947	119751,120549	IAI

5.2 MODIFICATION (IF ANY): NIL

5.3 DEVIATION (IF ANY): NIL

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