



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4070	DISPATCH DATE:		27.5.2014		
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14413	
3.	Booked to	SSE/C&W/SBP					
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)		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			OVPL			
vi.	WINDOWS			AGF, ABC & MECIDON			
vii.	LAV. DOORS			RCF MADE			
viii.	LP SHEET			MILTON			
ix)	BIO- TOILET			RAIL FAB			
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				
		4070	ECoR	GS	14413	10-05-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140527				140548			
	ii.	Frame No.	ASR-1062				ASR-1246			
	iii.	Axle No.	U-8496		T-4980		RWF-98280		W-3016	
	iv.	Wheel Diameter	917.50	917.00	917.00	917.00	916.50	916.00	916.50	916.00
	v.	Wheel Disc No.	06305/379	05534/212	05867/252	06306/217	05872/233	06510/331	03610/267	05836/299
	vi.	R.B. Nos.	B1232	B1233	B1161	B1183	B1236	B1221	J0506	J0286
	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,AJT				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



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Form No. : QMF4254; Version: 05

1.	SHELL No:	4065	DISPATCH DATE:		27.5.2014		
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14407	
3.	Booked to	SSE/C&W/SBP					
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)				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:						
i.	BRAKE EQUIPMENT				Make ESCORTS		
ii.	SEAT & BERTH				OVPL		
iii.	WATER TANKS				RAIL FAB		
iv.	PVC				RESPONSIVE		
v.	FLOOR BOARD				OVPL		
vi.	WINDOWS				AGF, ABC & MECIDON		
vii.	LAV. DOORS				RCF MADE		
viii.	LP SHEET				MILTON		
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				
		4065	ECOR	GS	14407	23-05-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140557				140571			
	ii.	Frame No.	ASR-1132				RBO-959			
	iii.	Axle No.	T-4700		S-1739		V-9441		V2037	
	iv.	Wheel Diameter	917.00	917.00	917.00	916.50	916.00	916.00	916.00	916.00
	v.	Wheel Disc No.	05816/275	06296/269	04077/250	04071/370	05820/331	05831/375	06274/254	06379/279
	vi.	R.B. Nos.	X1519	X1502	Y1155	Y1135	Y1105	Y1101	Y1138	Y1144
	vii.	R.B. Make	NBC		FAG		FAG		FAG	
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)				GABRIEL					
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



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Form No. : QMF4254; Version: 05

1.	SHELL No:	4034	DISPATCH DATE:			27.5.2014	
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14414	
3.	Booked to	SSE/C&W/SBP					
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	ADVANCE	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	TAYAL				
	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.: _4034__

Dispatch Date: 31-01-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140142				140138			
Frame No.	ASR-551				ASR-619			
Axle No.	S-9001		U-8647		4337		U-4330	
Wheel Diameter	917.50	917.50	917.50	917.50	917.50	917.50	917.50	917.50
Wheel Disc No.	62901/11 435	62923/11 435	62796/10 845	62798/1 0845	59152/0 3099	59181/03 099	65342/19 31	93346/06 566
R.B. No.	O-394	P-1234	O-221	O-208	O-834	O-809	O-217	O-805
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	372,290	6982,6657	AJT
2	SECONDARY VERTICAL DAMPER	119953,119522	120133,119781	IAI

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4034



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1.	SHELL No:	4048	DISPATCH DATE:			27.5.2014	
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14408	
3.	Booked to	SSE/C&W/SBP					
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	1100/1100			1102/1102	
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	ADVANCE	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				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		OVPL				
vi.	WINDOWS		AGF & MECIDON				
vii.	LAV. DOORS		SAVITRI & RCF MADE				
viii.	LP SHEET		MILTON				
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		
		4048	ECOR		GS		14408		10-05-14		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	140515					140528			
	ii.	Frame No.	ASR-1015					ASR-1144			
	iii.	Axle No.	U-4107		RWF-90872		P-3323		V-9375		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.50	917.50	917.00	917.00	
	v.	Wheel Disc No.	06301/ 385	06318/ 231	06302/ 201	06822/ 275	05920/ 268	05877/ 267	05743/ 249	05773/27 8	
	vi.	R.B. Nos.	J0280	J0535	J0274	J0522	B1310	B1277	B0956	V127	
	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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1.	SHELL No:	4077	DISPATCH DATE:		28.5.2014
2.	RAILWAY	ECoR	Type:	GS	Coach No.:
3.	Booked to	SSE/C&W/SBP			
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	1100/1098	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	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	AMIT			
iv.	PVC	RESPONSIVE			
v.	FLOOR BOARD	OVPL			
vi.	WINDOWS	AGF & MECIDON			
vii.	LAV. DOORS	RCF MADE			
viii.	LP SHEET	MILTON			
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			
		4077	ECoR	GS	14411	19-05-14			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	140567				140575			
	ii. Frame No.	ASR-1255				ASR-1172			
	iii. Axle No.	2599		V-9430		U-8055		2766	
	iv. Wheel Diameter	916.50	916.50	916.50	916.50	917.00	916.50	917.00	916.50
	v. Wheel Disc No.	05628/ 282	06374/ 231	05852/ 375	5534/2 21	06333/ 264	06305/ 215	05559/ 290	08571/25 8
	vi. R.B. Nos.	B0735	B0768	B0753	B0730	B1070	B1048	B1082	B1042
	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)				AJT,PEW			
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

GS-4077

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Form No. : QMF4254; Version: 05

1.	SHELL No:	4055	DISPATCH DATE:		28.5.2014		
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14410	
3.	Booked to	SSE/C&W/SBP					
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/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	88/87			
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		ABC,AGF & MECIDON				
vii.	LAV. DOORS		RCF MADE				
viii.	LP SHEET		MILTON				
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	
		4055		ECoR		GS		14410		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.	140509				140537				
	ii.	Frame No.	ASR-1052				ASR-1149				
	iii.	Axle No.	S-5187		S-5655		RWF-93479		RWF-91509		
	iv.	Wheel Diameter	916.50	916.00	915.00	915.00	916.50	917.00	917.00	917.00	
	v.	Wheel Disc No.	05827/ 258	06273/ 244	06287/ 224	06498/ 269	06300/ 252	06302/ 228	06304/ 254	06404/24 1	
	vi.	R.B. Nos.	J0432	J0500	J0325	J0509	J0305	J0519	J0334	K0557	
	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				

GS-4055



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4066	DISPATCH DATE:		28.5.2014		
2.	RAILWAY	ECOR	Type:	GS	Coach No.:	14406	
3.	Booked to	SSE/C&W/SBP					
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)			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		OVPL				
vi.	WINDOWS		ABC,AGF & MECIDON				
vii.	LAV. DOORS		RCF MADE				
viii.	LP SHEET		MILTON				
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					
		4066	ECoR	GS	14406	14-05-14					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	140543					140553			
	ii.	Frame No.	ASR-1173					ASR-1152			
	iii.	Axle No.	8178		8234		RWF-91769		W-3049		
	iv.	Wheel Diameter	916.00	915.50	916.00	916.00	916.00	916.00	916.00	915.50	
	v.	Wheel Disc No.	17128/ 16294	15129/ 16212	17094/ 16294	19085/ 16671	17167/ 16294	17314/ 15384	17177/ 16294	02830/12 214	
	vi.	R.B. Nos.	J-418	B-1267	B-1287	B-1282	B-1162	B-1196	B-1151	B-1172	
	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,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:	4030	DISPATCH DATE:		29.5.2014		
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14412	
3.	Booked to	SSE/C&W/SBP					
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	ADVANCE	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		RAIL FAB				
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



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Shell No.: 4030

Dispatch Date: 11-04-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140444				140436			
Frame No.	ASR-1042				ASR-1032			
Axle No.	S-5236		V-9814		W-2927		RWF-97481	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
Wheel Disc No.	55938/03 582	63392/06 566	55502/02 209	55442/0 3200	55277/0 9932	55314/09 932	63257/06 744	63179/06 744
R.B .No.	M-2253	M-2232	B-0760	M-2258	A-0822	B-0790	A-0592	A-0591
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	13544,13464	13500,13525	PEW
2	SECONDARY VERTICAL DAMPER	10161,9838	10425,10164	GAB

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4030



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4037	DISPATCH DATE:		29.5.2014		
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14404	
3.	Booked to	SSE/C&W/SBP					
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	1102/1104	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	ADVANCE	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		RCF MADE				
viii.	LP SHEET		MILTON				
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	
		4037	ECoR		GS		14404		17-05-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140549				140585			
	ii.	Frame No.	ASR-1195				ASR-939			
	iii.	Axle No.	3264		3159		W-2347		U-8736	
	iv.	Wheel Diameter	916.50	916.50	917.00	916.90	916.50	916.50	916.50	916.50
	v.	Wheel Disc No.	05819/ 261	04228/ 295	06298/ 212	06498/ 299	03675/ 314	03977/ 237	06281/ 248	05574/27 2
	vi.	R.B. Nos.	B0718	B0750	Y936	Y946	J0303	B0736	B0719	B0741
	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,PEW				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4027	DISPATCH DATE:		29.5.2014		
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14409	
3.	Booked to	SSE/C&W/SBP					
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	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		ABC,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				



12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4027	ECOR	GS	14409	14-05-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140536				140472			
	ii.	Frame No.	ASR-1167				ASR-1091			
	iii.	Axle No.	U-8466		T-4955		L-0126		V-9178	
	iv.	Wheel Diameter	917.00	917.00	917.50	917.00	916.50	916.50	917.50	917.50
	v.	Wheel Disc No.	06366/ 215	05735/ 210	06282/ 371	05554/ 220	03888/ 243	99205/ 265	05651/ 331	05965/23 2
	vi.	R.B. Nos.	B-1168	B-1166	B-1155	B-1192	J-0537	J-0532	B-1259	B-1264
	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)				AJT,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:	4039	DISPATCH DATE:		29.5.2014		
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14416	
3.	Booked to	SSE/C&W/SBP					
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	ADVANCE	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		TAYAL				
vi.	WINDOWS		AGF & MECIDON				
vii.	LAV. DOORS		RCF MADE				
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					
		4039	ECoR	GS	14416	19-05-14					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	140586					140582			
	ii.	Frame No.	ASR-1259					ASR-1189			
	iii.	Axle No.	4563		T-3371		RWF-91354		RWF-98752		
	iv.	Wheel Diameter	915.00	915.00	915.00	915.00	915.00	915.00	916.00	916.00	
	v.	Wheel Disc No.	15245/ 16212	17231/ 11384	62843/ 10843	02917/ 12392	36033/ 01552	02990/ 12392	55853/ 03582	36027/01 552	
	vi.	R.B. Nos.	Y-1913	Y-2254	B-0766	B-0761	B-1065	B-1093	B-1087	B-1062	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				



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Form No. : QMF4254; Version: 05

1.	SHELL No:	4035	DISPATCH DATE:			30.5.2014
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14418
3.	Booked to		SSE/C&W/SBP			
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	1102/1104		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		ADVANCE	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		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.: 4035

Dispatch Date: 31-01-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140146				140145			
Frame No.	ASR-813				ASR-729			
Axle No.	S-3756		U-9576		S-1464		T-4179	
Wheel Diameter	917.50	917.50	917.50	917.00	917.50	917.50	917.50	917.50
Wheel Disc No.	59001/04 241	65331/11 931	65378/11 931	62851/1 0845	62823/1 0845	62747/10 845	62917/11 435	62948/11 435
R.B. No.	M2524	M2535	M2538	M2540	M2509	M2544	M2507	M2537
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	259,289	6712,6703	AJT
2	SECONDARY VERTICAL DAMPER	119549,119576	119985,119501	IAI

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4035

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4063	DISPATCH DATE:		31.5.2014		
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14405	
3.	Booked to	SSE/C&W/SBP					
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/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		AGF & MECIDON				
vii.	LAV. DOORS		RCF MADE				
viii.	LP SHEET		MILTON				
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	
		4063		ECoR		GS		14405		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.	140545					140544			
	ii.	Frame No.	ASR-1158					ASR-1176			
	iii.	Axle No.	RWF-98311		W-2477		RWF-91399		V-9581		
	iv.	Wheel Diameter	917.00	917.00	916.00	916.00	915.50	916.00	915.00	915.50	
	v.	Wheel Disc No.	06313/ 387	05821/ 284	05796/ 331	06302/ 257	06320/ 386	06373/ 369	06302/ 235	06301/24 3	
	vi.	R.B. Nos.	K-0546	B-1309	J-0333	J-0536	J-0531	J-0539	B-1257	J-0302	
	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				

GS-4063



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4028	DISPATCH DATE:			3.6.2014
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14419
3.	Booked to		SSE/C&W/SBP			
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	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			
iv.	PVC		RESPONSIVE			
v.	FLOOR BOARD		OVPL			
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		



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Shell No.: 4028

Dispatch Date: 18-04-14

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140479				140488			
Frame No.	UBLS-486				ASR-1079			
Axle No.	V-3838		RWF-91767		V-9924		W-2770	
Wheel Diameter	916.00	915.50	915.00	915.00	915.00	915.00	915.00	915.00
Wheel Disc No.	59156/03 699	02944/12 392	36128/01 552	289088/ 00504	63374/0 6566	63145/06 744	55088/09 010	55381/02 209
R.B. No.	Y-2171	Y-1914	Y-1916	Y-1878	B-0692	B-0717	B-0688	B-1133
R.B. Make	FAG		FAG		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-12357,K-12279	7631,7553	PEW,AJT
2	SECONDARY VERTICAL DAMPER	10138,10136	1072,---	GAB

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4028



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4088	DISPATCH DATE:		7.7.2014
2.	RAILWAY	ECoR	Type:	GS	Coach No.: 14415
3.	Booked to	SSE/C&W/SBP			
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		AMIT		
iv.	PVC		RESPONSIVE		
v.	FLOOR BOARD		OVPL		
vi.	WINDOWS		ABC,AGF & MECIDON		
vii.	LAV. DOORS		SAVITRI		
viii.	LP SHEET		MILTON		
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			
		4088	ECoR	GS	14415	20-05-14			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	140590				140551			
	ii. Frame No.	ASR-1247				ASR-1168			
	iii. Axle No.	4281		S-1523		U-8511		S-5501	
	iv. Wheel Diameter	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00
	v. Wheel Disc No.	17181/ 16294	02968/ 12392	02905/ 12393	36117/ 01532	55370/ 09972	36131/ 01562	55273/ 09932	58732/03 384
	vi. R.B. Nos.	Y1757	Y1784	B0756	B0723	B0754	B0740	B0759	B0747
	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,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:	4099	DISPATCH DATE:			10.7.2014
2.	RAILWAY	ECoR	Type:	GS	Coach No.:	14417
3.	Booked to	SSE/C&W/SBP				
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			SIL		
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			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	
		4099		ECOR		GS		14417		20-05-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	140588				140587				
	ii.	Frame No.	ASR-1154				ASR-1135				
	iii.	Axle No.	U-8033		S-7304		V-9295		W-2242		
	iv.	Wheel Diameter	916.00	916.00	915.00	915.00	915.00	915.00	915.00	915.00	
	v.	Wheel Disc No.	17099/ 16244	17301/ 11324	17334/ 16384	17309/ 16384	15132// 16212	17176/ 16294	18748/ 16567	17296/16 381	
	vi.	R.B. Nos.	Y2267	Y2307	Y2295	Y2285	Y1713	Y1687	Y1708	Y1863	
	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,PEW				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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