



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4092</b>	DISPATCH DATE:			<b>4.7.2014</b>	
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:	<b>14570</b>	
3.	Booked to	<b>SSE/C&amp;W/AGC</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)				
ii)	Maximum length over Body		21337 ± 10				
iii)	Maximum length over Buffer		22297 ± 15				
iv)	Maximum width over Body		3245 ± 5				
v)	Maximum width over Flasher light		3402 +0/-5				
vi)	Minimum height above rail level to the lowest fitting		181.5 MM (AE63143)				
vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	<b>1104/1104</b>			<b>1104/1104</b>	
viii)	Buffer/CBC (Make )		<b>REPL</b>				
ix)	Draw Gear (Make)		<b>EMSON</b>				
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT		<b>VIBGYOR</b>	<b>86/87</b>		
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>				
8.3	INSUALTION		<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			<b>ESCORTS</b>			
ii.	SEAT & BERTH			<b>SAVITRI</b>			
iii.	WATER TANKS			<b>RAIL FAB &amp; AMIT</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>OVPL</b>			
vi.	WINDOWS			<b>MOHAN, AGF &amp; MECIDON</b>			
vii.	LAV. DOORS			<b>SAVITRI</b>			
viii.	LP SHEET			<b>PUNJAB LAMINATES</b>			
ix)	BIO- TOILET			<b>OMAX</b>			
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>		
	10.2	Deviations (if any):			<b>NIL</b>		



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4092	NC	GS	14570	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.	140608				140607			
	ii.	Frame No.	ASR-1228				ASR-1159			
	iii.	Axle No.	RWF-98322		S-6929		R-1184		V-1719	
	iv.	Wheel Diameter	915.00	915.50	915.00	915.50	916.00	916.00	916.00	916.00
	v.	Wheel Disc No.	05841/ 284	05815/ 250	03654/ 238	03064/ 238	06399/ 228	06312/ 235	06826/ 206	06331/20 9
	vi.	R.B. Nos.	X2363	X2257	B1340	B1312	X1517	X1513	X1850	X1495
	vii.	R.B. Make	FAG		NBC		FAG		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				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:	4113	DISPATCH DATE:			5.7.2014	
2.	RAILWAY	NC	Type:	GS	Coach No.:	14568	
3.	Booked to	SSE/C&W/AGC					
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	1100/1100			1104/1104	
viii)	Buffer/CBC (Make )					REPL	
ix)	Draw Gear (Make)					RK	
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	VIBYOR	86/87			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT					Make SIL	
ii.	SEAT & BERTH					OVPL	
iii.	WATER TANKS					RAIL FAB & AMIT	
iv.	PVC					RESPONSIVE	
v.	FLOOR BOARD					TAYAL	
vi.	WINDOWS					MOHAN ,AGF, ABC & MECIDON	
vii.	LAV. DOORS					SAVITRI	
viii.	LP SHEET					PUNJAB LAMINATES	
ix)	BIO- TOILET					OMAX	
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date			
		4113	NC		GS	14568	22-05-14			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140579				140568			
	ii.	Frame No.	ASR-1229				ASR-1157			
	iii.	Axle No.	S-1516		W-2703		1409		U-9627	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	916.50	916.50	916.50	916.50
	v.	Wheel Disc No.	06156/247	06373/253	05797/244	03744/260	05614/224	05849/263	05863/231	03719/241
	vi.	R.B. Nos.	X1844	X1818	X1835	X1833	B0767	B0752	B0743	B0714
	vii.	R.B. Make	FAG		NBC		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				PEW				
	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:	<b>4064</b>	DISPATCH DATE:		<b>10.7.2014</b>		
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:	<b>14572</b>	
3.	Booked to	<b>SSE/C&amp;W/AGF</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)				
ii)	Maximum length over Body		21337 ± 10				
iii)	Maximum length over Buffer		22297 ± 15				
iv)	Maximum width over Body		3245 ± 5				
v)	Maximum width over Flasher light		3402 +0/-5				
vi)	Minimum height above rail level to the lowest fitting		181.5 MM (AE63143)				
vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	<b>1104/1104</b>		<b>1102/1104</b>		
viii)	Buffer/CBC (Make )		<b>JLS</b>				
ix)	Draw Gear (Make)		<b>EMSON</b>				
7.	Air Brake Testing:						
	Description		Specified				
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)				
		Brake release time to reach .4 Kg/cm <sup>2</sup>	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)				
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec	No brake application				
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec	Brakes "ON"				
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE			
8.1	PAINT	PU PAINT	<b>ADVANCE</b>	<b>86/87</b>			
8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>					
8.3	INSUALTION	<b>SATISFACTORY</b>					
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		<b>ESCORTS</b>				
ii.	SEAT & BERTH		<b>OVPL</b>				
iii.	WATER TANKS		<b>RAIL FAB</b>				
iv.	PVC		<b>RESPONSIVE</b>				
v.	FLOOR BOARD		<b>TAYAL</b>				
vi.	WINDOWS		<b>AGF &amp; MECIDON, MOHAN</b>				
vii.	LAV. DOORS		<b>SAVITRI</b>				
viii.	LP SHEET		<b>PUNJAB LAMINATE</b>				
ix)	BIO- TOILET		<b>RAIL FAB</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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Shell No.: 4064

Dispatch Date: 10-04-2014

**BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'**

**5.0. Details of Bogies:**

Items	Alarm side				Non Alarm Side			
Bogie No	140455				140452			
Frame No.	UBLS-507				ASR-1070			
Axle No.	W-2403		W-2590		RWF-110463		RWF-98080	
Wheel Diameter	917.50	917.00	917.00	917.50	917.50	918.00	918.00	918.00
Wheel Disc No.	98983/35 2	03752/24 1	04250/26 1	04111/3 31	03763/2 52	03656/25 8	02347/24 1	02158/21 0
R.B. No.	B0815	B0781	Y1267	Y1306	B1024	B1000	B0985	B0992
R.B. Make	NBC		FAG		NBC		NBC	
Type	Direct Mounted Spherical Roller Bearing							

**5.1 Traceability:**

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	BRAKE CYLINDER NO	13001,13484	13469,13436	PEW
2	SECONDARY VERTICAL DAMPER	10148,10106	10165,10103	GAB

**5.2 MODIFICATION (IF ANY):**

**5.3 DEVIATION (IF ANY):**

GS-4064



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**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	4168	DISPATCH DATE:		10.7.2014
2.	RAILWAY	NC	Type:	GS	Coach No.: 14579
3.	Booked to	SSE/C&W/JHS			
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)		CFPL		
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, RUBICONE		
iv.	PVC		RESPONSIVE		
v.	FLOOR BOARD		OVPL		
vi.	WINDOWS		AGF & MECIDON		
vii.	LAV. DOORS		SAVITRI		
viii.	LP SHEET		PUNJAB LAMINATE		
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		
		4168	NC		GS	14579		26-06-2014		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	140766				140762				
	ii. Frame No.	UBLS-18869				UBLS-18867				
	iii. Axle No.	2128		2722		1925		0081		
	iv. Wheel Diameter	918.00	918.00	917.00	917.00	915.00	915.00	916.00	916.5	
	v. Wheel Disc No.	06945/224	06984/284	06950/205	06981/227	06945/204	06949/267	06942/230	06845/278	
	vi. R.B. Nos.	D-0902	D-0923	D-0757	D-0805	D-0788	D-0831	D-0810	D-0836	
	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				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GS-4168.





ROLLING ROLLING STOCK CERTIFICATE  
CERTIFICATE

Form No. : QMF4254;  
Version: 05

1	SHELL No:	4185	DISPATCH DATE:			10.7.2014	
2	RAILWAY	NC	Type:	GS	Coach No.:	14577	
3	Booked to	SSE/C&W/JHS					
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 <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)			
8	PAINTING DEATAILS:						
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE		

8.1	PAINT	PU PAINT	VIBGYOR	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		ABC, AGF & MECIDON	
vii.	LAV. DOORS		SAVITRI	
viii.	LP SHEET		PUNJAB LAMINATE	
ix)	BIO- TOILET		DARSHAN	
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				
		4185	NC	GS	14577	11-06-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140716				140748			
	ii.	Frame No.	ASR-1353				ASR-1289			
	iii.	Axle No.	1245		5658		0407		1261	
	iv.	Wheel Diameter	917.00	917.00	917.50	917.50	917.00	917.00	916.00	916.00
	v.	Wheel Disc No.	06923/ 254	06376/ 250	09647/ 243	06331/ 378	06974/ 226	06956/ 377	05930/ 213	06288/27 0
	vi.	R.B. Nos.	X2425	X2426	X2074	X1097	D0497	D-0512	D-0479	D-0487
	vii.	R.B. Make	FAG		FAG		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				PEW				
	ii.	SECONDARY Shock Absorber (Make)				ESCORTS,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:	<b>4173</b>	DISPATCH DATE:			<b>10.7.2014</b>	
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:	<b>14567</b>	
3.	Booked to	<b>SSE/C&amp;W/AGC</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
	6.1	Leading Dimensions;					
	i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
	ii)	Maximum length over Body			21337 ± 10		
	iii)	Maximum length over Buffer			22297 ± 15		
	iv)	Maximum width over Body			3245 ± 5		
	v)	Maximum width over Flasher light			3402 +0/-5		
	vi)	Minimum height above rail level to the lowest fitting			181.5 MM (AE63143)		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
	viii)	Buffer/CBC (Make )			<b>JLS</b>		
	ix)	Draw Gear (Make)			<b>CFPL</b>		
7.	Air Brake Testing:						
		Description			Specified		
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"		
	7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
	7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	<b>VIBGYOR</b>	<b>86</b>		
	8.2	APPLICATION OF PCN-123			<b>SATISFACTORY</b>		
	8.3	INSUALTION			<b>SATISFACTORY</b>		
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT			Make <b>ESCORTS</b>		
	ii.	SEAT & BERTH			<b>OVPL</b>		
	iii.	WATER TANKS			<b>AMIT</b>		
	iv.	PVC			<b>RESPONSIVE</b>		
	v.	FLOOR BOARD			<b>OVPL</b>		
	vi.	WINDOWS			<b>ABC, AGF &amp; MECIDON</b>		
	vii.	LAV. DOORS			<b>SAVITRI</b>		
	viii.	LP SHEET			<b>PUNJAB LAMINATE</b>		
	ix)	BIO- TOILET			<b>DARSHAN</b>		
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>		
	10.2	Deviations (if any):			<b>NIL</b>		



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12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4173		NC		GS		14567		26-06-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	140761				140758				
	ii.	Frame No.	UBLS-18848				UBLS-18854				
	iii.	Axle No.	0086		0770		635		5924		
	iv.	Wheel Diameter	917.50	917.50	915.50	916.00	915.50	915.50	915.50	915.00	
	v.	Wheel Disc No.	06934/259	06946/269	06370/213	06944/201	06152/270	06946/299	06951/661	06957/251	
	vi.	R.B. Nos.	D-0884	D-0914	X-1721	X-668	D-0481	D-0524	D-0474	D-0505	
	vii.	R.B. Make	NBC		FAG		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					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:	<b>4112</b>	DISPATCH DATE:		<b>11.7.2014</b>
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:
3.	Booked to	<b>SSE/C&amp;W/AGC</b>			
4.	Tare Weight of Coach :	<b>36.99T</b>			
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>
				Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')				
6.1	Leading Dimensions;				
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body		21337 ± 10		
iii)	Maximum length over Buffer		22297 ± 15		
iv)	Maximum width over Body		3245 ± 5		
v)	Maximum width over Flasher light		3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting		181.5 MM (AE63143)		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )		<b>REPL</b>		
ix)	Draw Gear (Make)		<b>RK</b>		
7.	Air Brake Testing:				
	Description		Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm <sup>2</sup>	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec	No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec	Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:				
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT	<b>APC</b>	<b>86/87</b>	
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>		
8.3	INSUALTION		<b>SATISFACTORY</b>		
9.	Traceability of Furnishing Items:		Make		
i.	BRAKE EQUIPMENT		<b>ESCORTS</b>		
ii.	SEAT & BERTH		<b>SAVITRI</b>		
iii.	WATER TANKS		<b>RAIL FAB</b>		
iv.	PVC		<b>RESPONSIVE</b>		
v.	FLOOR BOARD		<b>OVPL</b>		
vi.	WINDOWS		<b>AGF &amp; MECIDON</b>		
vii.	LAV. DOORS		<b>SAVITRI</b>		
viii.	LP SHEET		<b>PUNJAB LAMINATE</b>		
ix)	BIO- TOILET		<b>OMAX</b>		
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>		
	10.2	Deviations (if any):	<b>NIL</b>		



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4112	NC		GS		14569		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.	140604				140610			
	ii.	Frame No.	ASR-1151				ASR-1161			
	iii.	Axle No.	U-4304		V-9068		3139		RWF-110385	
	iv.	Wheel Diameter	916.00	916.00	915.00	915.00	916.00	915.50	915.50	916.00
	v.	Wheel Disc No.	02443/331	06318/249	06260/237	05608/205	09664/369	03664/211	04106/338	03747/375
	vi.	R.B. Nos.	Y-972	Y962	X2415	Y953	B-1322	B1331	B1336	B1341
	vii.	R.B. Make	FAG		FAG		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				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:	<b>4156</b>	DISPATCH DATE:			<b>11.7.2014</b>	
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:	<b>14574</b>	
3.	Booked to	<b>SSE/C&amp;W/AGC</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			181.5 MM (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>		
viii)	Buffer/CBC (Make )			<b>REPL</b>			
ix)	Draw Gear (Make)			<b>CFPL</b>			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT		<b>VIBGYOR</b>	<b>86</b>		
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>				
8.3	INSUALTION		<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			<b>ESCORTS</b>			
ii.	SEAT & BERTH			<b>OVPL</b>			
iii.	WATER TANKS			<b>RAIL FAB</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>OVPL</b>			
vi.	WINDOWS			<b>ABC, MOHAN,AGF &amp; MECIDON</b>			
vii.	LAV. DOORS			<b>SAVITRI</b>			
viii.	LP SHEET			<b>PUNJAB LAMINATE</b>			
ix)	BIO- TOILET			<b>RAIL FAB</b>			
10.	10.1	Modification/ Trial (if any):		<b>NIL</b>			
	10.2	Deviations (if any):		<b>NIL</b>			





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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4156	NC	GS	14574	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.	140601				140481			
	ii.	Frame No.	ASR-1294				UBLS-519			
	iii.	Axle No.	U-9823		W-2892		U-8107		3260	
	iv.	Wheel Diameter	917.00	917.00	916.50	916.00	917.00	917.00	916.50	916.50
	v.	Wheel Disc No.	06322/ 246	06323/ 272	06270/ 240	06876/ 257	05319/ 284	04095/ 314	06760/ 253	05184/21 1
	vi.	R.B. Nos.	Y-981	Y-977	X-1839	X-1697	X-1838	X-1523	X1829	X1538
	vii.	R.B. Make	FAG		FAG		NBC		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				PEW,AJT				
	ii.	SECONDARY Shock Absorber (Make)				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:	<b>4169</b>	DISPATCH DATE:			<b>11.7.2014</b>
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:	<b>14580</b>
3.	Booked to	<b>SSE/C&amp;W/ALD</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			181.5 MM (AE63143)		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>JLS</b>		
ix)	Draw Gear (Make)			<b>CFPL</b>		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		<b>VIBGYOR</b>	<b>86</b>	
8.2	APPLICATION OF PCN-123			<b>SATISFACTORY</b>		
8.3	INSUALTION			<b>SATISFACTORY</b>		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			<b>ESCORTS</b>		
ii.	SEAT & BERTH			<b>SAVITRI</b>		
iii.	WATER TANKS			<b>AMIT</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>OVPL</b>		
vi.	WINDOWS			<b>ABC, AGF &amp; MOHAN</b>		
vii.	LAV. DOORS			<b>SAVITRI</b>		
viii.	LP SHEET			<b>PUNJAB LAMINATE</b>		
ix)	BIO- TOILET			<b>DARSHAN</b>		
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>	
	10.2	Deviations (if any):			<b>NIL</b>	



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12.	<b>Bogie Details:</b>	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4169		NC		GS		14580		28-06-2014	
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
12.2	<b>Wheel &amp; Axle Details:</b>		PP Side				NPP Side				
	i.	Bogie No.	140777				140776				
	ii.	Frame No.	ASR-1367				ASR-09				
	iii.	Axle No.	1555		1956		1740		1958		
	iv.	Wheel Diameter	916.50	916.50	916.00	916.00	916.00	916.00	916.00	916.50	
	v.	Wheel Disc No.	06400/258	06398/378	05645/220	06986/287	06952/295	06950/204	06984/259	06981/245	
	vi.	R.B. Nos.	X-671	X-665	X-1528	X-1901	X-1918	X-1894	X-1908	X-1902	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	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:	4181	DISPATCH DATE:			11.7.2014
2.	RAILWAY	NC	Type:	GS	Coach No.:	14581
3.	Booked to	SSE/C&W/ALD				
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)			CFPL/RK		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		VIBGYOR	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			ABC, AGF & MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			DARSHAN		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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12.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>				
		4181	NC	GS	14581	29-05-14				
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>									
12.2	<b>Wheel &amp; Axle Details:</b>	<b>PP Side</b>				<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	140633				140637			
	ii.	<b>Frame No.</b>	RBO-935				UBLS-943			
	iii.	<b>Axle No.</b>	2937		8227		V-9391		106966/083	
	iv.	<b>Wheel Diameter</b>	910.00	910.00	911.00	911.00	911.00	911.00	910.50	910.00
	v.	<b>Wheel Disc No.</b>	02694/ 04569	55883/ 03582	00030/ 08625	15213/ 16212	62774/ 10845	18803/ 16567	14669/ 15909	12207/14 310
	vi.	<b>R.B. Nos.</b>	Y-2017	Y-1603	B-1117	B-0843	Y-2074	Y-2122	Y-979	Y-961
	vii.	<b>R.B. Make</b>	FAG		NBC		FAG		FAG	
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing							
12.3	<b>Items Traceability:</b>									
	i.	<b>BRAKE CYLINDER (Make)</b>				PEW				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>				GABRIEL				
12.4	i.	<b>Modification/ Trail (if any):</b>				Less wheel dia.				
	ii.	<b>Deviations (if any):</b>				NIL				



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**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4107</b>	DISPATCH DATE:			<b>10.7.2014</b>
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:	<b>14571</b>
3.	Booked to	<b>SSE/C&amp;W/AGC</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			181.5 MM (AE63143)		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>REPL</b>		
ix)	Draw Gear (Make)			<b>EMSON</b>		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		<b>APC</b>	<b>86/87</b>	
8.2	APPLICATION OF PCN-123			<b>SATISFACTORY</b>		
8.3	INSUALTION			<b>SATISFACTORY</b>		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			<b>ESCORTS</b>		
ii.	SEAT & BERTH			<b>SAVITRI</b>		
iii.	WATER TANKS			<b>RAIL FAB</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>OVPL</b>		
vi.	WINDOWS			<b>ABC &amp; MECIDON, MOHAN</b>		
vii.	LAV. DOORS			<b>SAVITRI</b>		
viii.	LP SHEET			<b>PUNJAB LAMINATE</b>		
ix)	BIO- TOILET			<b>OMAX</b>		
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>	
	10.2	Deviations (if any):			<b>NIL</b>	



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		4107	NCR	GS	14571	03-06-14			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	140668				140674			
	ii. Frame No.	ASR-1280				RBO-979			
	iii. Axle No.	9869		068		5332		T-3311	
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	916.00	916.00	915.00	915.00
	v. Wheel Disc No.	24933/ 15035	24930/ 15035	24861/ 5135	24949/ 15035	23144/ 14921	24925/ 15035	62785/ 10845	62858/10 845
	vi. R.B. Nos.	X1870	X1493	X1873	X1888	X1424	X1525	X2280	X1479
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:								
	i.	BRAKE CYLINDER (Make)				AJT.			
	ii.	SECONDARY Shock Absorber (Make)				ESCORT			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			



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**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4167</b>	DISPATCH DATE:		<b>11.7.2014</b>
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:
3.	Booked to	<b>SSE/C&amp;W/JHS</b>			
4.	Tare Weight of Coach :	<b>36.99T</b>			
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>
				Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')				
6.1	Leading Dimensions;				
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body		21337 ± 10		
iii)	Maximum length over Buffer		22297 ± 15		
iv)	Maximum width over Body		3245 ± 5		
v)	Maximum width over Flasher light		3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting		181.5 MM (AE63143)		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1100/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )		<b>JLS</b>		
ix)	Draw Gear (Make)		<b>CFPL</b>		
7.	Air Brake Testing:				
	Description		Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm <sup>2</sup>	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec	No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec	Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:				
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT	<b>VIBGYOR</b>	<b>86</b>	
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>		
8.3	INSUALTION		<b>SATISFACTORY</b>		
9.	Traceability of Furnishing Items:		Make		
i.	BRAKE EQUIPMENT		<b>ESCORTS</b>		
ii.	SEAT & BERTH		<b>SAVITRI</b>		
iii.	WATER TANKS		<b>AMIT</b>		
iv.	PVC		<b>RESPONSIVE</b>		
v.	FLOOR BOARD		<b>OVPL</b>		
vi.	WINDOWS		<b>AGF,ABC &amp; MECIDON, MOHAN</b>		
vii.	LAV. DOORS		<b>SAVITRI</b>		
viii.	LP SHEET		<b>PUNJAB LAMINATE</b>		
ix)	BIO- TOILET		<b>DARSHAN</b>		
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>		
	10.2	Deviations (if any):	<b>NIL</b>		





12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4167	NC		GS		14575		27-06-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140774				140775			
	ii.	Frame No.	ASR-243				ASR-07			
	iii.	Axle No.	0415		0405		2669		73	
	iv.	Wheel Diameter	915.50	915.50	915.00	915.00	913.50	914.00	915.00	915.00
	v.	Wheel Disc No.	28104/15580	28079/15580	28240/16974	28314/16974	25283/15199	25293/15199	28018/15580	28587/17063
	vi.	R.B. Nos.	D-0913	D-0948	Y-1053	Y-1063	D-0932	D-0925	Y-1022	Y-1055
	vii.	R.B. Make	NBC		FAG		NBC		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)				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:	<b>4138</b>	DISPATCH DATE:		<b>12.7.2014</b>		
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:	<b>14578</b>	
3.	Booked to	<b>SSE/C&amp;W/JHS</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)				
ii)	Maximum length over Body		21337 ± 10				
iii)	Maximum length over Buffer		22297 ± 15				
iv)	Maximum width over Body		3245 ± 5				
v)	Maximum width over Flasher light		3402 +0/-5				
vi)	Minimum height above rail level to the lowest fitting		181.5 MM (AE63143)				
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>			
viii)	Buffer/CBC (Make )		<b>REPL</b>				
ix)	Draw Gear (Make)		<b>CFPL</b>				
7.	Air Brake Testing:						
	Description		Specified				
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)				
		Brake release time to reach .4 Kg/cm <sup>2</sup>	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)				
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec	No brake application				
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec	Brakes "ON"				
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE			
8.1	PAINT	PU PAINT	<b>VIBGYOR</b>	<b>86</b>			
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>				
8.3	INSUALTION		<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		<b>ESCORTS</b>				
ii.	SEAT & BERTH		<b>SAVITRI</b>				
iii.	WATER TANKS		<b>AMIT, RUBICONE</b>				
iv.	PVC		<b>RESPONSIVE</b>				
v.	FLOOR BOARD		<b>OVPL</b>				
vi.	WINDOWS		<b>AGF,ABC &amp; MECIDON, MOHAN</b>				
vii.	LAV. DOORS		<b>SAVITRI</b>				
viii.	LP SHEET		<b>PUNJAB LAMINATE</b>				
ix)	BIO- TOILET		<b>DARSHAN</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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12.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>				
		4138	SR	GS	14578	24-06-2014				
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>									
12.2	<b>Wheel &amp; Axle Details:</b>	<b>PP Side</b>				<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	140754				140756			
	ii.	<b>Frame No.</b>	ASR-02				ASR-1366			
	iii.	<b>Axle No.</b>	0382		0377		0379		0789	
	iv.	<b>Wheel Diameter</b>	917.50	917.50	917.50	917.50	917.50	917.50	917.50	917.50
	v.	<b>Wheel Disc No.</b>	06972/ 290	06973/ 245	06944/ 243	06946/ 236	06950/ 269	06947/ 264	06951/ 201	06949/20 1
	vi.	<b>R.B. Nos.</b>	D-0850	D-898	D-0890	D-0862	D-0858	D-0891	D-0851	D-0867
	vii.	<b>R.B. Make</b>	NBC		NBC		NBC		NBC	
	viii	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing							
12.3	<b>Items Traceability:</b>									
	i.	<b>BRAKE CYLINDER (Make)</b>				<b>AJT</b>				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>				<b>ESCORTS</b>				
12.4	i.	<b>Modification/ Trail (if any):</b>				<b>NIL</b>				
	ii.	<b>Deviations (if any):</b>				<b>NIL</b>				



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**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	4137	DISPATCH DATE:			12.7.2014
2.	RAILWAY	NC	Type:	GS	Coach No.:	14566
3.	Booked to	SSE/C&W/ALD				
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	1104/1094	
viii)	Buffer/CBC (Make )			REPL		
ix)	Draw Gear (Make)			CFPL		
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, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			AGF,ABC & MOHAN		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		4137	NC		GS	14566	25-06-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	140757					140759			
	ii.	Frame No.	ASR-1321					UBLS-18846			
	iii.	Axle No.	0769		0372		1050		0771		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	915.50	915.50	917.00	917.00	
	v.	Wheel Disc No.	06952/ 369	06956/ 245	06979/ 369	06994/ 225	06294/ 371	06750/ 369	05635/ 218	06959/37 8	
	vi.	R.B. Nos.	X-1638	X-2210	X-2365	X-2329	D-0876	D-0878	D-0866	D-0887	
	vii.	R.B. Make	FAG		FAG		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					ESCORTS,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:	<b>4190</b>	DISPATCH DATE:		<b>12.7.2014</b>
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:
3.	Booked to	<b>SSE/C&amp;W/ALD</b>			
4.	Tare Weight of Coach :	<b>36.99T</b>			
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>
				Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')				
6.1	Leading Dimensions;				
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body		21337 ± 10		
iii)	Maximum length over Buffer		22297 ± 15		
iv)	Maximum width over Body		3245 ± 5		
v)	Maximum width over Flasher light		3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting		181.5 MM (AE63143)		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )		<b>JLS</b>		
ix)	Draw Gear (Make)		<b>EMSON</b>		
7.	Air Brake Testing:				
	Description		Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec	No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec	Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:				
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT	<b>VIBGYOR</b>	<b>85/86</b>	
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>		
8.3	INSUALTION		<b>SATISFACTORY</b>		
9.	Traceability of Furnishing Items:		Make		
i.	BRAKE EQUIPMENT		<b>ESCORTS</b>		
ii.	SEAT & BERTH		<b>SAVITRI</b>		
iii.	WATER TANKS		<b>AMIT, RUBICONE</b>		
iv.	PVC		<b>RESPONSIVE</b>		
v.	FLOOR BOARD		<b>OVPL</b>		
vi.	WINDOWS		<b>AGF,ABC, MECIDON &amp; MOHAN</b>		
vii.	LAV. DOORS		<b>SAVITRI</b>		
viii.	LP SHEET		<b>PUNJAB LAMINATE</b>		
ix)	BIO- TOILET		<b>DARSHAN</b>		
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>		
	10.2	Deviations (if any):	<b>NIL</b>		



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4190	NCR		GS		14582		01-07-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140806				140803			
	ii.	Frame No.	ASR-1310				ASR-72			
	iii.	Axle No.	1718		1798		1744		7166	
	iv.	Wheel Diameter	916.00	916.00	915.50	916.00	915.50	915.50	916.00	916.50
	v.	Wheel Disc No.	28052/ 15580	28294/ 16974	28315/ 16974	28326/ 16974	28193/ 16013	28160/ 16013	28224/ 1914	28130/16 013
	vi.	R.B. Nos.	X-1981	X-2039	X-2031	X-1964	X-1702	X-2006	X-2024	X-2005
	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)				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:	4150	DISPATCH DATE:			12.7.2014
2.	RAILWAY	NC	Type:	GS	Coach No.:	14583
3.	Booked to	SSE/C&W/ALD				
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		1100/1103		1104/1100
viii)	Buffer/CBC (Make )			REPL		
ix)	Draw Gear (Make)			CFPL		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		VIBGYOR	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,ABC & MECIDON, MOHAN		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			DARSHAN		
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
		4150	NC		GS		14583		03-07-2014
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	140811				140813			
	ii. Frame No.	ASR-771				ASR-1345			
	iii. Axle No.	8746		1048		8743		8707	
	iv. Wheel Diameter	913.00	913.00	909.00	909.00	912.00	912.00	915.00	915.00
	v. Wheel Disc No.	28175/ 16013	28339/ 16974	54610/ 09576	23290/ 14943	28192/ 16013	28239/ 16924	28595/ 17063	28199/16 974
	vi. R.B. Nos.	X-1558	X-1565	X-1854	X-1907	X-1511	X-1545	X-1400	X-1534
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL			
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:	<b>4166</b>	DISPATCH DATE:			<b>10.7.2014</b>	
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:	<b>14573</b>	
3.	Booked to	<b>SSE/C&amp;W/AGF</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			181.5 MM (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1103</b>		
viii)	Buffer/CBC (Make )			<b>REPL</b>			
ix)	Draw Gear (Make)			<b>CFPL</b>			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:						
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT		<b>VIBGYOR</b>	<b>86</b>		
8.2	APPLICATION OF PCN-123			<b>SATISFACTORY</b>			
8.3	INSUALTION			<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			<b>ESCORTS</b>			
ii.	SEAT & BERTH			<b>OVPL</b>			
iii.	WATER TANKS			<b>AMIT, RUBICONE</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>OVPL</b>			
vi.	WINDOWS			<b>AGF,ABC &amp; MECIDON</b>			
vii.	LAV. DOORS			<b>SAVITRI</b>			
viii.	LP SHEET			<b>PUNJAB LAMINATE</b>			
ix)	BIO- TOILET			<b>RAIL FAB</b>			
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>		
	10.2	Deviations (if any):			<b>NIL</b>		



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		4166	NC	GS	14573	30-06-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	140793				140794			
	ii. Frame No.	ASR-1352				ASR-1381			
	iii. Axle No.	1803		2920		2277		0357	
	iv. Wheel Diameter	915.00	915.00	915.00	915.00	915.50	915.50	915.00	915.00
	v. Wheel Disc No.	28199/ 16013	28274/ 16974	27967/ 15580	27960/ 15580	27999/ 15580	27975/ 15580	27978/ 15580	28083/15 580
	vi. R.B. Nos.	X1927	X1929	Y1065	Y1347	X2342	X2391	Y1014	X2300
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				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:	4135	DISPATCH DATE:			14.7.2014
2.	RAILWAY	NC	Type:	GS	Coach No.:	14576
3.	Booked to	SSE/C&W/JHS				
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)			CFPL		
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, RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			AGF,ABC, MECIDON & MOHAN		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			M K PRECISION		
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	
		4135	NC		GS		14576		18-06-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140738				140739			
	ii.	Frame No.	ASR-1342				RBO-977			
	iii.	Axle No.	1762		1116		1569		9885	
	iv.	Wheel Diameter	917.50	917.50	916.50	916.50	917.00	917.00	916.00	916.00
	v.	Wheel Disc No.	08987/253	05869/236	06962/290	06944/249	06973/225	06977/255	06970/373	06951/254
	vi.	R.B. Nos.	X-1426	X-1282	X-1428	X-1422	X-2296	X-2250	X-2244	X-2318
	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)				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:	4183	DISPATCH DATE:			14.7.2014
2.	RAILWAY	NC	Type:	GS	Coach No.:	14584
3.	Booked to	SSE/C&W/ALD				
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 <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		VIBGYOR	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, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			AGF,ABC & MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			DARSHAN		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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12.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>				
		4183	NC	GS	14584	28-06-2014				
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>									
12.2	<b>Wheel &amp; Axle Details:</b>	<b>PP Side</b>				<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	140787				140792			
	ii.	<b>Frame No.</b>	ASR-1271				ASR-1373			
	iii.	<b>Axle No.</b>	0436		1939		2145		1551	
	iv.	<b>Wheel Diameter</b>	916.50	916.00	917.00	917.00	915.00	915.00	917.50	917.50
	v.	<b>Wheel Disc No.</b>	06948/228	06272/245	06949/213	06950/256	06985/3758	06945/256	06949/260	06943/273
	vi.	<b>R.B. Nos.</b>	X1951	X1903	X1921	X1394	X1908	X1679	X1896	X1084
	vii.	<b>R.B. Make</b>	FAG		FAG		FAG		FAG	
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing							
12.3	<b>Items Traceability:</b>									
	i.	<b>BRAKE CYLINDER (Make)</b>				AJT				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>				GABRIEL				
12.4	i.	<b>Modification/ Trail (if any):</b>				NIL				
	ii.	<b>Deviations (if any):</b>				NIL				

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**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4195</b>	DISPATCH DATE:		<b>7/8/2014</b>		
2.	RAILWAY	<b>NC</b>	Type:	<b>GS</b>	Coach No.:	<b>14587</b>	
3.	Booked to	<b>SSE/C&amp;W/CNB</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)				
ii)	Maximum length over Body		21337 ± 10				
iii)	Maximum length over Buffer		22297 ± 15				
iv)	Maximum width over Body		3245 ± 5				
v)	Maximum width over Flasher light		3402 +0/-5				
vi)	Minimum height above rail level to the lowest fitting		181.5 MM (AE63143)				
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1102/1104</b>	<b>1104/1104</b>			
viii)	Buffer/CBC (Make )		<b>JLS</b>				
ix)	Draw Gear (Make)		<b>EMSON</b>				
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"			
8.	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)			
	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT		PU PAINT	<b>VIBGYOR</b>	<b>86/87</b>		
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>				
8.3	INSUALTION		<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT		<b>ESCORTS</b>				
ii.	SEAT & BERTH		<b>OVPL</b>				
iii.	WATER TANKS		<b>AMIT</b>				
iv.	PVC		<b>RESPONSIVE</b>				
v.	FLOOR BOARD		<b>TAYAL</b>				
vi.	WINDOWS		<b>ABC,AGF &amp; MECIDON</b>				
vii.	LAV. DOORS		<b>SAVITRI</b>				
viii.	LP SHEET		<b>PUNJAB LAMINATE</b>				
ix)	BIO- TOILET		<b>DARSHAN</b>				
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>		
	10.2	Deviations (if any):			<b>NIL</b>		





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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date	
		4195	NC		GS	14587		10-07-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	140846				140847			
	ii. Frame No.	ASR-112				ASR-1375			
	iii. Axle No.	U-8148		8516		3790		3637	
	iv. Wheel Diameter	915.50	915.00	913.00	913.00	915.00	915.00	915.00	915.00
	v. Wheel Disc No.	27969/ 15580	28334/ 16974	28102/ 15580	28292/ 16974	28282/ 16974	25553/ 01470	28012/ 17063	28226/16 974
	vi. R.B. Nos.	X-997	X-985	X-1679	X-2042	D-0966	D-0990	X-977	X-1032
	vii. R.B. Make	FAG		FAG		NBC		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)				GABRIEL			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				LESS WHEEL DIA			

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4215	DISPATCH DATE:			12/8/2014
2.	RAILWAY	NC	Type :	GS	Coach No.:	14590
3.	Booked to	SSE/C&W/CNB				
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	1102/1104
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 <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		ADVANCE	85/86	
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			ABC, & MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			MK PRECISION		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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12.	<b>Bogie Details:</b>	<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
		4215		NCR		GS		14590		17-07-2014	
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
12.2	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	140883				140875				
	ii.	<b>Frame No.</b>	ASR-136				UBLS-1008				
	iii.	<b>Axle No.</b>	Y-6471		U-3832		Y-6027		V-9594		
	iv.	<b>Wheel Diameter</b>	916.00	916.00	915.00	915.00	917.00	917.00	916.50	916.50	
	v.	<b>Wheel Disc No.</b>	04174/ 220	95537/ 271	05738/ 209	05693/ 210	06322/ 206	06204/ 239	06987/ 258	06914/37 6	
	vi.	<b>R.B. Nos.</b>	E-2637	E-2573	E-2278	E-2616	X-1935	X2008	X-1814	X-1740	
	vii.	<b>R.B. Make</b>	NBC		NBC		FAG		FAG		
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	i.	<b>BRAKE CYLINDER (Make)</b>					<b>AJT,PEW</b>				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>					<b>GABRIEL</b>				
12.4	i.	<b>Modification/ Trail (if any):</b>					<b>NIL</b>				
	ii.	<b>Deviations (if any):</b>					<b>NIL</b>				

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4242	DISPATCH DATE:			13/8/2014
2.	RAILWAY	NCR	Type:	GS	Coach No.:	14588
3.	Booked to	SSE/C&W/CNB				
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 <sup>2</sup> of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm <sup>2</sup>	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec	No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec	Brakes "ON"		
	7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"		
	7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	VIBGYOR	85/86	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
	i.	BRAKE EQUIPMENT		ESCORTS		
	ii.	SEAT & BERTH		OVPL		
	iii.	WATER TANKS		AMIT		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		TAYAL		
	vi.	WINDOWS		ABCAGF,ABC		
	vii.	LAV. DOORS		SAVITRI		
	viii.	LP SHEET		PUNJAB LAMINATE		
	ix)	BIO- TOILET		MK PRECISION		
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			
		4242	NCR		GS	14588	28-07-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140913				140925			
	ii.	Frame No.	ASR-1270				ASR-154			
	iii.	Axle No.	S-7119		U-4278		V-9195		0475	
	iv.	Wheel Diameter	915.50	915.00	916.50	916.00	917.00	916.50	918.00	918.00
	v.	Wheel Disc No.	06951/ 208	06861/ 223	06312/ 314	06331/ 224	03775/ 276	03899/ 281	06984/ 240	07835/27 3
	vi.	R.B. Nos.	E-2183	E-2209	E-2356	E-2357	E-2434	E-2436	V-169	V-698
	vii.	R.B. Make	NBC		NBC		NBC		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)				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:	4222	DISPATCH DATE:			27/8/2014	
2.	RAILWAY	NC	Type:	GS	Coach No.:	14589	
3.	Booked to	SSE/C&W/CNB					
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			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			ORIENTAL			
vi.	WINDOWS			ABC, MECIDON,ABC			
vii.	LAV. DOORS			SAVITRI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			MK PRECISION			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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12.	<b>Bogie Details:</b>	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		4222	NCR		GS		14589		26-07-2014		
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
12.2	<b>Wheel &amp; Axle Details:</b>	PP Side					NPP Side				
	i.	Bogie No.	140907					140909			
	ii.	Frame No.	ASR-1187					ASR-114			
	iii.	Axle No.	S-5570		U-4971		W-2525		W-3033		
	iv.	Wheel Diameter	917.50	917.00	916.00	916.00	917.50	917.50	915.00	915.00	
	v.	Wheel Disc No.	06150/ 239	05969/ 375	06313/ 239	06886/ 382	03118/ 368	03872/ 217	05536/ 228	05876/20 4	
	vi.	R.B. Nos.	E-2699	E-2657	E-2378	E-2365	V-608	V-685	E-2426	E-2332	
	vii.	R.B. Make	NBC		NBC		FAG		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	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:	4237	DISPATCH DATE:			03.9.2014	
2.	RAILWAY	NCR	Type:	GS	Coach No.:	14585	
3.	Booked to	SSE/C&W/CNB					
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/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT		VIBGYOR	85/86		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			OVPL			
iii.	WATER TANKS			AMIT, RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			ORIENTAL			
vi.	WINDOWS			ABC, MECIDON			
vii.	LAV. DOORS			SAVITRI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			OMAX			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		





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12.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>			
		4237	NCR	GS	14585	16-07-2014			
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>								
NBC 12.2	<b>Wheel &amp; Axle Details:</b>	<b>PP Side</b>				<b>NPP Side</b>			
	i. Bogie No.	140877				140878			
	ii. Frame No.	ASR-94				UBLS-1010			
	iii. Axle No.	V-1030		V-9816		7573		Y-7221	
	iv. Wheel Diameter	918.00	918.00	917.50	918.00	915.00	915.00	916.00	916.00
	v. Wheel Disc No.	05815/ 240	05818/ 280	06369/ 216	05784/ 213	05800/ 238	05727/ 266	05887/ 251	06398/26 8
	vi. R.B. Nos.	E-2636	E-2610	E-2635	E-2337	D-0963	D-0970	D-0988	D-0977
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<b>Items Traceability:</b>								
	i.	<b>BRAKE CYLINDER (Make)</b>				<b>AJT,PEW</b>			
	ii.	<b>SECONDARY Shock Absorber (Make)</b>				<b>GABRIEL</b>			
12.4	i.	<b>Modification/ Trail (if any):</b>				<b>NIL</b>			
	ii.	<b>Deviations (if any):</b>				<b>NIL</b>			

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4161	DISPATCH DATE:			7/8/2014	
2.	RAILWAY	NC	Type:	GS	Coach No.:	14586	
3.	Booked to	SSE/C&W/CNB					
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)				CFPL	
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	86/87		
	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		TAYAL			
	vi.	WINDOWS		ABC & MECIDON			
	vii.	LAV. DOORS		SAVITRI			
	viii.	LP SHEET		PUNJAB LAMINATE			
	ix)	BIO- TOILET		OMAX			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		4161	NC	GS	14586	14-07-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	140859				140860			
	ii. Frame No.	UBLS-18837				UBLS-18835			
	iii. Axle No.	7634		U-6831		3756		3470	
	iv. Wheel Diameter	915.00	915.00	917.00	917.00	916.50	916.00	916.50	917.00
	v. Wheel Disc No.	06946/ 251	06843/ 287	06301/ 373	06949/ 245	06984/ 282	06139/ 273	06820/ 249	05920/25 3
	vi. R.B. Nos.	D-0813	D-0938	D-0968	D-0972	E-2236	E-2229	E-2512	E-2244
	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			
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

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