



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4495</b>	DISPATCH DATE:			<b>13.01.2015</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143554</b>	
3.	Booked to	<b>SSE/C&amp;W/DLI</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)				
ii)	Maximum length over Body		21337 ± 10				
iii)	Maximum length over Buffer		22297 ± 15				
iv)	Maximum width over Body		3245 ± 5				
v)	Maximum width over Flasher light		3402 +0/-5				
vi)	Minimum height above rail level to the lowest fitting		200 mm				
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>			<b>1104/1104</b>	
viii)	Buffer/CBC (Make )		<b>REPL</b>				
ix)	Draw Gear (Make)		<b>EMSON</b>				
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT		<b>VIBGYOR</b>	<b>85/85</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>ESCORT</b>			
ii.	SEAT & BERTH			<b>CPF</b>			
iii.	WATER TANKS			<b>RUBICONE, RAIL FAB</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	WINDOWS			<b>AGF,ABC, MECIDON</b>			
vii.	LAV. DOORS			<b>JR</b>			
viii.	LP SHEET			<b>NK</b>			
ix)	BIO- TOILET			<b>WAHI SONS</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			
		4495	NR	GS	143554	09-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150022				150025			
	ii. Frame No.	UBLS-244				ASR-804			
	iii. Axle No.	A-5407		U-4799		5183		5088	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.50	916.00
	v. Wheel Disc No.	06973/ 280	08655/ 266	07131/ 202	08064/ 206	09139/ 300	09144/ 212	09109/ 236	09115*28 6
	vi. R.B. Nos.	M0566	M0557	V1418	V1448	V1645	V1274	V1105	V1157
	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			
	ii.	SECONDARY Shock Absorber (Make)				K/B			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			



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Form No. :

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1.	SHELL No:	<b>4497</b>	DISPATCH DATE:			<b>13.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143553</b>
3.	Booked to	<b>SSE/C&amp;W/DLI</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body		21337 ± 10			
iii)	Maximum length over Buffer		22297 ± 15			
iv)	Maximum width over Body		3245 ± 5			
v)	Maximum width over Flasher light		3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting		200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>		
viii)	Buffer/CBC (Make )		<b>REPL</b>			
ix)	Draw Gear (Make)		<b>EMSON</b>			
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		<b>VIBGYOR</b>	<b>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>CPF</b>		
iii.	WATER TANKS			<b>RAIL FAB</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>AGF,ABC, MECIDON</b>		
vii.	LAV. DOORS			<b>JR</b>		
viii.	LP SHEET			<b>MILTON</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			
		4497	NR	GS	143553	06-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150011				150010			
	ii. Frame No.	ASR-812				ASR-799			
	iii. Axle No.	U-8569		2301		5265		5368	
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	09140/264	09036/205	09044/286	09143/248	09157/253	09091/374	09001/276	09002/253
	vi. R.B. Nos.	V1673	V1706	V1503	V1280	V1992	V1041	V1641	V1032
	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)				PEW			
	ii.	SECONDARY Shock Absorber (Make)				ESCORT, K/B			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			



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Form No. :

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Version: 05

1.	SHELL No:	<b>4501</b>	DISPATCH DATE:			<b>16.01.2015</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143558</b>	
3.	Booked to	<b>SSE/C&amp;W/DLI</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>		
viii)	Buffer/CBC (Make )			<b>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>85/85</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>ESCORT</b>			
ii.	SEAT & BERTH			<b>CPF</b>			
iii.	WATER TANKS			<b>RUBICONE</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	WINDOWS			<b>AGF,ABC, MECIDON</b>			
vii.	LAV. DOORS			<b>JR</b>			
viii.	LP SHEET			<b>NA</b>			
ix)	BIO- TOILET			<b>M K PRECISION</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			
		4501	NR		GS	143558		08-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150020					150017			
	ii.	Frame No.	UBLS-2228					ASR-809			
	iii.	Axle No.	RWF-39519		A-5300		A-4152		4984		
	iv.	Wheel Diameter	917.00	916.50	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	09067/382	09150/384	09000/248	09141/284	09125/239	09006/380	07346/273	07022/202	
	vi.	R.B. Nos.	M0575	M0578	V1661	V1705	R370	R339	R291	R184	
	vii.	R.B. Make	NBC		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					K/B				
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>4503</b>	DISPATCH DATE:			<b>16.01.2015</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143556</b>	
3.	Booked to	<b>SSE/C&amp;W/DLI</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>		
viii)	Buffer/CBC (Make )			<b>REPL</b>			
ix)	Draw Gear (Make)			<b>RK</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>ESCORT</b>			
ii.	SEAT & BERTH			<b>CPF</b>			
iii.	WATER TANKS			<b>RUBICONE, RAIL FAB</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	WINDOWS			<b>AGF,ABC, MECIDON</b>			
vii.	LAV. DOORS			<b>JR</b>			
viii.	LP SHEET			<b>NA</b>			
ix)	BIO- TOILET			<b>M K PRECISION</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				
		4503	NR		GS	143557	09-01-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150030					150029			
	ii.	Frame No.	ASR-827					UBLS-1233			
	iii.	Axle No.	A-5946		RWF-98846		5092		A-5124		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.0	917.00	
	v.	Wheel Disc No.	09136/286	09125/279	09043/385	09044/208	09139/290	09045/212	09142/268	09140/382	
	vi.	R.B. Nos.	M553	M0563	M0576	M0572	M0543	M0544	V1605	V1047	
	vii.	R.B. Make	NBC		NBC		NBC		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					K/B				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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Form No. :

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Version: 05

1.	SHELL No:	4499	DISPATCH DATE:			16.01.2015	
2.	RAILWAY	NR	Type:	GS	Coach No.:	143557	
3.	Booked to	SSE/C&W/DLI					
4.	Tare Weight of Coach :	36.99T					
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make )			REPL			
ix)	Draw Gear (Make)			--			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT		VIBGYOR	85/86		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORT			
ii.	SEAT & BERTH			CPF			
iii.	WATER TANKS			RUBICONE, RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			AGF,ABC, MECIDON			
vii.	LAV. DOORS			JR			
viii.	LP SHEET			NA			
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			
		4499	NR		GS	143557		08-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150023					150024			
	ii.	Frame No.	RBO-1245					ASR-818			
	iii.	Axle No.	4659		A-5466		P-5803		5364		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	08912/267	09141/254	08730/377	08755/249	09128/209	09135/269	09143/219	08908/204	
	vi.	R.B. Nos.	M0559	M0567	M0547	M0586	V1073	V1126	V1122	V1143	
	vii.	R.B. Make	NBC		NBC		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					K/B				
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>4502</b>	DISPATCH DATE:			<b>17.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143559</b>
3.	Booked to	<b>SSE/C&amp;W/DLI</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
	6.1	Leading Dimensions;				
	i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
	ii)	Maximum length over Body	21337 ± 10			
	iii)	Maximum length over Buffer	22297 ± 15			
	iv)	Maximum width over Body	3245 ± 5			
	v)	Maximum width over Flasher light	3402 +0/-5			
	vi)	Minimum height above rail level to the lowest fitting	200 mm			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>	
	viii)	Buffer/CBC (Make )	<b>REPL</b>			
	ix)	Draw Gear (Make)	<b>CFPL</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>85/85</b>	
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>			
	8.3	INSUALTION	<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	<b>ESCORT</b>			
	ii.	SEAT & BERTH	<b>CPF</b>			
	iii.	WATER TANKS	<b>AMIT, RAIL FAB</b>			
	iv.	PVC	<b>PREMIER POLYFIL</b>			
	v.	FLOOR BOARD	<b>TAYAL</b>			
	vi.	WINDOWS	<b>AGF,ABC, MECIDON</b>			
	vii.	LAV. DOORS	<b>JR</b>			
	viii.	LP SHEET	<b>NK</b>			
	ix)	BIO- TOILET	<b>M K PRECISION</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		
		4502	NR		GS	143559		10-01-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150034				150019				
	ii. Frame No.	UBLS-1230				ASR-1359				
	iii. Axle No.	A-4195		A-5214		Y-6272		N-0398		
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	08764/ 268	09128/ 254	09139/ 387	09120/ 294	08857/ 239	08834/ 386	08946/ 215	05954/28 4	
	vi. R.B. Nos.	K-2417	K-2415	R-480	R-479	M-0580	M-0591	V-1659	V-1660	
	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)				PEW				
	ii.	SECONDARY Shock Absorber (Make)				K/B				
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>4498</b>	DISPATCH DATE:		<b>21.01.2015</b>		
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143555</b>	
3.	Booked to	<b>SSE/C&amp;W/DLI</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)					
ii)	Maximum length over Body	21337 ± 10					
iii)	Maximum length over Buffer	22297 ± 15					
iv)	Maximum width over Body	3245 ± 5					
v)	Maximum width over Flasher light	3402 +0/-5					
vi)	Minimum height above rail level to the lowest fitting	200 mm					
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1103/1104</b>			
viii)	Buffer/CBC (Make )	<b>REPL</b>					
ix)	Draw Gear (Make)	<b>EMSON</b>					
7.	Air Brake Testing:						
	Description		Specified				
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)				
		Brake release time to reach .4 Kg/cm <sup>2</sup>	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)				
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec	No brake application				
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec	Brakes "ON"				
7.4	Passenger alarm by pulling chain	BP Blasts out, Brakes "ON"					
7.5	Piston stroke for BMBC type coach only	19 +10/-0 mm (NAC)					
8.	PAINTING DEATAILS:						
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE			
8.1	PAINT	PU PAINT	<b>VIBGYOR</b>	<b>85/85</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>ESCORT</b>				
ii.	SEAT & BERTH		<b>CPF</b>				
iii.	WATER TANKS		<b>AMIT, RAIL FAB, RUBICONE</b>				
iv.	PVC		<b>RESPONSIVE</b>				
v.	FLOOR BOARD		<b>TAYAL</b>				
vi.	WINDOWS		<b>AGF,ABC, MECIDON</b>				
vii.	LAV. DOORS		<b>JR</b>				
viii.	LP SHEET		<b>NK</b>				
ix)	BIO- TOILET		<b>M K PRECISION</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
		4498	NR		GS		143555		09-01-2015
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150032				150027			
	ii. Frame No.	ASR-792				UBLS-1234			
	iii. Axle No.	690		Z-7314		A-5401		2211	
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	09042/273	07860/235	09136/209	09005/227	09138/224	09142/272	09154/257	09104/295
	vi. R.B. Nos.	R491	R472	M0551	M0569	M1461	M0546	V1132	V1094
	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)				PEW			
	ii.	SECONDARY Shock Absorber (Make)				K/B			
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>4508</b>	DISPATCH DATE:			<b>22.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143564</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
	6.1	Leading Dimensions;				
	i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
	ii)	Maximum length over Body	21337 ± 10			
	iii)	Maximum length over Buffer	22297 ± 15			
	iv)	Maximum width over Body	3245 ± 5			
	v)	Maximum width over Flasher light	3402 +0/-5			
	vi)	Minimum height above rail level to the lowest fitting	200 mm			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>	
	viii)	Buffer/CBC (Make )	<b>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/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>85/85</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>ESCORT</b>	
	ii.	SEAT & BERTH			<b>MANOJ</b>	
	iii.	WATER TANKS			<b>RAIL FAB, RUBICONE</b>	
	iv.	PVC			<b>PREMIER POLYFILM</b>	
	v.	FLOOR BOARD			<b>TAYAL</b>	
	vi.	WINDOWS			<b>ABC, MECIDON</b>	
	vii.	LAV. DOORS			<b>SAVITRI</b>	
	viii.	LP SHEET			<b>LP</b>	
	ix)	BIO- TOILET			<b>OASIS</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			
		4508	NR	GS	143564	08-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150021				150018			
	ii. Frame No.	UBLS-1231				ASR-1068			
	iii. Axle No.	U-8337		RWF-100592		A-5802		P-6165	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	916.50
	v. Wheel Disc No.	08834/ 213	08765/ 228	09105/ 221	09123/ 383	08803/ 263	06843/ 225	08804/ 367	08770/23 6
	vi. R.B. Nos.	M0542	M0569	V1651	V1733	M0585	K2414	M0554	M0583
	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)				PEW			
	ii.	SECONDARY Shock Absorber (Make)				K/B			
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>4518</b>	DISPATCH DATE:			<b>28.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143570</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body		21337 ± 10			
iii)	Maximum length over Buffer		22297 ± 15			
iv)	Maximum width over Body		3245 ± 5			
v)	Maximum width over Flasher light		3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting		200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>			<b>1104/1104</b>
viii)	Buffer/CBC (Make )		<b>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>85/85</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>ESCORT</b>			
ii.	SEAT & BERTH		<b>MANOJ</b>			
iii.	WATER TANKS		<b>AMIT, RAIL FAB</b>			
iv.	PVC		<b>PREMIER POLYFILM</b>			
v.	FLOOR BOARD		<b>TAYAL</b>			
vi.	WINDOWS		<b>ABC, AGF, MECIDON</b>			
vii.	LAV. DOORS		<b>SAVITRI</b>			
viii.	LP SHEET		<b>LP</b>			
ix)	BIO- TOILET		<b>M K PRECISION</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	
		4518	NR		GS		143570		14-01-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150048				150047			
	ii.	Frame No.	ASR-836				ASR-145			
	iii.	Axle No.	RWF-105133		V-9303		803		A-5791	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	09040/205	09043/256	08097/285	08837/256	08908/256	09134/268	08907/276	09105/209
	vi.	R.B. Nos.	K-2361	K-2326	T-3100	S-152	K-2374	K-2349	K-2385	K-2347
	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)				PEW				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4509</b>	DISPATCH DATE:			<b>28.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143565</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>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>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>MANOJ</b>		
iii.	WATER TANKS			<b>AMIT, RAIL FAB</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>		
vii.	LAV. DOORS			<b>SAVITRI</b>		
viii.	LP SHEET			<b>LP</b>		
ix)	BIO- TOILET			<b>JSL</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			
		4509	NR	GS	143565	09-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150031				150026			
	ii. Frame No.	ASR-826				UBLS-1240			
	iii. Axle No.	Y-6481		A-4493		A-5496		P-5827	
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	09142/270	09139/219	09139/252	09142/226	07321/387	09136/387	09135/213	09141/225
	vi. R.B. Nos.	M0584	M0587	M0592	M0568	M0341	M0555	M0577	M0554
	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)				K/B			
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>4512</b>	DISPATCH DATE:			<b>28.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143566</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body		21337 ± 10			
iii)	Maximum length over Buffer		22297 ± 15			
iv)	Maximum width over Body		3245 ± 5			
v)	Maximum width over Flasher light		3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting		200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>		
viii)	Buffer/CBC (Make )		<b>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>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>ESCORT</b>			
ii.	SEAT & BERTH		<b>MANOJ</b>			
iii.	WATER TANKS		<b>RUBICONE, RAIL FAB</b>			
iv.	PVC		<b>PREMIER POLYFILM</b>			
v.	FLOOR BOARD		<b>TAYAL</b>			
vi.	WINDOWS		<b>ABC, AGF, MECIDON</b>			
vii.	LAV. DOORS		<b>SAVITRI</b>			
viii.	LP SHEET		<b>NA</b>			
ix)	BIO- TOILET		<b>JSL</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				
		4512	NR	GS	143566	19-01-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150073				150074			
	ii.	Frame No.	ASR-755				ASR-988			
	iii.	Axle No.	9159		9171		N-0626		U-8561	
	iv.	Wheel Diameter	918.00	918.00	917.00	917.00	917.00	917.00	917.00	916.50
	v.	Wheel Disc No.	09104/216	09131/264	09134/235	09141/266	09134/255	09141/257	09099/377	08909/246
	vi.	R.B. Nos.	R-315	R-461	K-2456	K-2496	M-0695	M-0665	K-2527	K-2520
	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)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



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**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4504</b>	DISPATCH DATE:			<b>27.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143563</b>
3.	Booked to	<b>SSE/C&amp;W/LKO</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1103</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>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>MANOJ</b>		
iii.	WATER TANKS			<b>RAIL FAB, AMIT</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>		
vii.	LAV. DOORS			<b>SAVITRI</b>		
viii.	LP SHEET			<b>LP</b>		
ix)	BIO- TOILET			<b>OASIS</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			
		4504	NR	GS	143563	12-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150040				150038			
	ii. Frame No.	ASR-788				ASR-832			
	iii. Axle No.	U-8725		RWF-105454		RWF-105487		5251	
	iv. Wheel Diameter	917.00	917.00	916.50	916.50	916.00	916.00	917.00	917.00
	v. Wheel Disc No.	03659/ 282	08946/ 239	08891/ 253	07213/ 272	09076/ 228	09120/ 272	09119/ 228	09004/38 1
	vi. R.B. Nos.	K-2219	K-2224	K-2182	K-2211	U-1515	U-1564	V-1524	V-1248
	vii. R.B. Make	NBC		NBC		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:								
	i.	BRAKE CYLINDER (Make)				PEW			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

GS-4504





**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4511</b>	DISPATCH DATE:			<b>27.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143562</b>
3.	Booked to	<b>SSE/C&amp;W/LKO</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body		21337 ± 10			
iii)	Maximum length over Buffer		22297 ± 15			
iv)	Maximum width over Body		3245 ± 5			
v)	Maximum width over Flasher light		3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting		200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>		
viii)	Buffer/CBC (Make )		<b>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>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>CPF</b>		
iii.	WATER TANKS			<b>RAIL FAB, AMIT</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, MECIDON</b>		
vii.	LAV. DOORS			<b>SAVITRI</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>JSL</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			
		4511	NF	GS	143562	12-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150028				150033			
	ii. Frame No.	UBLS-1241				UBLS-1236			
	iii. Axle No.	U-8257		A-5092		7269		S-3546	
	iv. Wheel Diameter	917.00	917.00	917.00	916.50	917.00	917.00	916.50	916.00
	v. Wheel Disc No.	09149/ 246	09039/ 264	09143/ 376	09140/ 221	05831/ 297	08799/ 252	09934/ 252	07228/28 5
	vi. R.B. Nos.	M-0589	M-0548	M0550	M0590	V-1429	V-1404	V-1471	V-1464
	vii. R.B. Make	NBC		NBC		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				PEW			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

GS-4511



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4507</b>	DISPATCH DATE:			<b>21.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143561</b>
3.	Booked to	<b>SSE/C&amp;W/LKO</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>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>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>ESCORT</b>		
ii.	SEAT & BERTH			<b>CPF</b>		
iii.	WATER TANKS			<b>RUBICONE, AMIT</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>		
vii.	LAV. DOORS			<b>SAVITRI</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>OASIS</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			
		4507	NR		GS	143561		10-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150037					150039			
	ii.	Frame No.	ASR-790					ASR-822			
	iii.	Axle No.	W-2991		A-5365		A-3903		P-6100		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	07346/223	09036/266	09047/278	09140/287	03995/251	09067/267	08857/208	08740/371	
	vi.	R.B. Nos.	S-169	S-01	K-2430	K-2407	K-2232	K-2183	K-2448	K-2438	
	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)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					K/B				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-4507



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4506</b>	DISPATCH DATE:			<b>21.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143560</b>
3.	Booked to	<b>SSE/C&amp;W/LKO</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>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>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>CPF</b>		
iii.	WATER TANKS			<b>AMIT</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>		
vii.	LAV. DOORS			<b>JR</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>OASIS</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		
		4506	NR		GS	143560		13-01-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150045				150041			
	ii.	Frame No.	ASR-796				ASR-819			
	iii.	Axle No.	A-3903		A-4600		P-3258		RWF-104575	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	916.50	916.50	917.00
	v.	Wheel Disc No.	03995/ 251	09067/ 267	09099/ 260	09140/ 226	09034/ 247	08874/ 285	08092/ 269	07205/29 9
	vi.	R.B. Nos.	K-2232	K-2183	K-2517	K-2531	K-2227	K-2215	K-2230	K-2199
	vii.	R.B. Make	NBC		NBC		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				PEW				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	4510	DISPATCH DATE:			24.01.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143569
3.	Booked to	SSE/C&W/MB				
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)			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	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			MANOJ		
iii.	WATER TANKS			RAIL FAB, RUBICONE		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, AGF, MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			OASIS		
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			
		4510	NR		GS	143569		17-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150070					150071			
	ii.	Frame No.	ASR-849					ASR-783			
	iii.	Axle No.	8705		A-4860		RWF-92611		Y-7865		
	iv.	Wheel Diameter	916.50	917.00	917.00	917.00	917.00	917.00	915.00	915.00	
	v.	Wheel Disc No.	09039/ 377	08974/ 220	03772/ 278	07106/ 272	03887/ 253	08998/ 374	04097/ 337	08091/24 7	
	vi.	R.B. Nos.	R-476	R-443	R-313	R-367	R-455	R-451	R-326	R-352	
	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)					PEW,AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4513</b>	DISPATCH DATE:			<b>29.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143572</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
	6.1	Leading Dimensions;				
	i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
	ii)	Maximum length over Body	21337 ± 10			
	iii)	Maximum length over Buffer	22297 ± 15			
	iv)	Maximum width over Body	3245 ± 5			
	v)	Maximum width over Flasher light	3402 +0/-5			
	vi)	Minimum height above rail level to the lowest fitting	200 mm			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>	
	viii)	Buffer/CBC (Make )	<b>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>85/85`</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>ESCORT</b>	
	ii.	SEAT & BERTH			<b>MANOJ</b>	
	iii.	WATER TANKS			<b>AMIT, RAIL FAB</b>	
	iv.	PVC			<b>PREMIER POLYFILM</b>	
	v.	FLOOR BOARD			<b>TAYAL</b>	
	vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>	
	vii.	LAV. DOORS			<b>SAVITRI</b>	
	viii.	LP SHEET			<b>LP</b>	
	ix)	BIO- TOILET			<b>M K PRECISION</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	
		4613		NR		GS		143572		29-12-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	141650				141647				
	ii.	Frame No.	ASR-419				ASR-594				
	iii.	Axle No.	A-5951		Y-7832		A-5709		S-7196		
	iv.	Wheel Diameter	917.00	917.00	916.00	916.00	916.50	917.00	916.00	916.00	
	v.	Wheel Disc No.	09035/ 377	09036/ 256	09120/ 264	09016/ 212	03768/ 344	03770/ 251	09137/ 240	09065/27 0	
	vi.	R.B. Nos.	R346	R345	R419	R407	R441	R448	R387	R393	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL,K/B				
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>4514</b>	DISPATCH DATE:			<b>29.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143568</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body		21337 ± 10			
iii)	Maximum length over Buffer		22297 ± 15			
iv)	Maximum width over Body		3245 ± 5			
v)	Maximum width over Flasher light		3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting		200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1103/1104</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>85/85</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>ESCORT</b>			
ii.	SEAT & BERTH		<b>MANOJ</b>			
iii.	WATER TANKS		<b>AMIT, RAIL FAB</b>			
iv.	PVC		<b>PREMIER POLYFILM</b>			
v.	FLOOR BOARD		<b>TAYAL</b>			
vi.	WINDOWS		<b>ABC, AGF, MECIDON</b>			
vii.	LAV. DOORS		<b>SAVITRI</b>			
viii.	LP SHEET		<b>LP</b>			
ix)	BIO- TOILET		<b>JSL</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>	
		4614		NR		GS		143568		01/01/2015	
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>	141660				141658				
	ii.	<b>Frame No.</b>	ASR-801				ASR-651				
	iii.	<b>Axle No.</b>	A-5492		RWF-103980		A-4605		A-5312		
	iv.	<b>Wheel Diameter</b>	916.00	916.00	916.00	916.00	916.00	916.00	917.00	917.00	
	v.	<b>Wheel Disc No.</b>	05658/ 368	03775/ 261	09056/ 269	08923/ 380	03759/ 265	03758/ 202	08058/ 232	07141/21 0	
	vi.	<b>R.B. Nos.</b>	R186	R392	R498	R525	R497	R535	R515	R510	
	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>					PEW				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>					K/B				
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>4520</b>	DISPATCH DATE:			<b>29.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143574</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body		21337 ± 10			
iii)	Maximum length over Buffer		22297 ± 15			
iv)	Maximum width over Body		3245 ± 5			
v)	Maximum width over Flasher light		3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting		200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>		
viii)	Buffer/CBC (Make )		<b>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>85/85</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>ESCORT</b>			
ii.	SEAT & BERTH		<b>MANOJ</b>			
iii.	WATER TANKS		<b>AMIT, RAIL FAB</b>			
iv.	PVC		<b>PREMIER POLYFILM</b>			
v.	FLOOR BOARD		<b>TAYAL</b>			
vi.	WINDOWS		<b>ABC, AGF, MECIDON</b>			
vii.	LAV. DOORS		<b>JR</b>			
viii.	LP SHEET		<b>NA</b>			
ix)	BIO- TOILET		<b>JSL</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				
		4520	NR	GS	143574	29-08-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	141067				141063				
	ii. Frame No.	ASR-313				ASR-311				
	iii. Axle No.	T-5147		S-1786		Y-8546		S-1817		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	06285/ 253	06352/ 381	06955/ 218	08072/ 236	06985/ 225	06978/ 268	06978/ 226	05991/20 2	
	vi. R.B. Nos.	U1698	U1645	U1797	U1950	U1957	U1713	U1840	U1926	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR-BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4516</b>	DISPATCH DATE:			<b>29.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143567</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body		21337 ± 10			
iii)	Maximum length over Buffer		22297 ± 15			
iv)	Maximum width over Body		3245 ± 5			
v)	Maximum width over Flasher light		3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting		200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>		
viii)	Buffer/CBC (Make )		<b>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>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>ESCORT</b>		
ii.	SEAT & BERTH			<b>MANOJ</b>		
iii.	WATER TANKS			<b>RUBICONE, RAIL FAB</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>		
vii.	LAV. DOORS			<b>SAVITRI</b>		
viii.	LP SHEET			<b>LP</b>		
ix)	BIO- TOILET			<b>OASIS</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	
		4516		NR		GS		143567		17-01-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150072				150067				
	ii.	Frame No.	ASR-771				RBO-1225				
	iii.	Axle No.	S-9438		7567		A-4558		7473		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	07266/ 225	08073/ 382	09169/ 276	09114/ 314	09072/ 239	09071/ 219	09142/ 295	09136/26 2	
	vi.	R.B. Nos.	V-1042	V-1059	R-340	R-446	K-2476	K-2487	R-449	R-454	
	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)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-4516





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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4515</b>	DISPATCH DATE:			<b>30.01.2015</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143571</b>	
3.	Booked to	<b>SSE/C&amp;W/MB</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
	6.1	Leading Dimensions;					
	i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)				
	ii)	Maximum length over Body	21337 ± 10				
	iii)	Maximum length over Buffer	22297 ± 15				
	iv)	Maximum width over Body	3245 ± 5				
	v)	Maximum width over Flasher light	3402 +0/-5				
	vi)	Minimum height above rail level to the lowest fitting	200 mm				
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1103/1104</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/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>85/85</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>ESCORT</b>				
	ii.	SEAT & BERTH	<b>MANOJ</b>				
	iii.	WATER TANKS	<b>AMIT, RAIL FAB</b>				
	iv.	PVC	<b>PREMIER POLYFILM</b>				
	v.	FLOOR BOARD	<b>TAYAL</b>				
	vi.	WINDOWS	<b>ABC, AGF, MECIDON</b>				
	vii.	LAV. DOORS	<b>SAVITRI</b>				
	viii.	LP SHEET	<b>NA</b>				
	ix)	BIO- TOILET	<b>M K PRECISION</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				
		4516	NR		GS	143571	10-01-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150036					150035			
	ii.	Frame No.	ASR-840					ASR-769			
	iii.	Axle No.	S-6969		V-9058		P-6003		Y-6588		
	iv.	Wheel Diameter	916.00	916.00	917.00	916.50	916.00	916.00	917.00	917.00	
	v.	Wheel Disc No.	07310/ 236	04091/ 272	08070/ 223	09130/ 201	03643/ 248	08952/ 371	09133/ 297	09148/27 3	
	vi.	R.B. Nos.	K-2420	K-2408	K-2440	K-2436	S-106	T-3106	K-2421	K-2404	
	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)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4526</b>	DISPATCH DATE:			<b>30.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143576</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
	6.1	Leading Dimensions;				
	i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
	ii)	Maximum length over Body	21337 ± 10			
	iii)	Maximum length over Buffer	22297 ± 15			
	iv)	Maximum width over Body	3245 ± 5			
	v)	Maximum width over Flasher light	3402 +0/-5			
	vi)	Minimum height above rail level to the lowest fitting	200 mm			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>	
	viii)	Buffer/CBC (Make )	<b>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>VIBGYOR</b>	<b>85/85</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>ESCORT</b>	
	ii.	SEAT & BERTH			<b>CPF</b>	
	iii.	WATER TANKS			<b>AMIT, RUBICONE</b>	
	iv.	PVC			<b>PREMIER POLYFILM</b>	
	v.	FLOOR BOARD			<b>TAYAL</b>	
	vi.	WINDOWS			<b>ABC, MECIDON</b>	
	vii.	LAV. DOORS			<b>JR</b>	
	viii.	LP SHEET			<b>NA</b>	
	ix)	BIO- TOILET			<b>MRC</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	
		4526		NR		GS		143576		11-12-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	141590				141582				
	ii.	Frame No.	ASR-693				RBO-1221				
	iii.	Axle No.	4023		A-4534		2208		8343		
	iv.	Wheel Diameter	914.00	914.00	917.00	917.00	915.00	915.00	915.00	915.00	
	v.	Wheel Disc No.	62727/ 08675	62765/ 08675	62804/ 08675	62814/ 08675	62728/ 08675	62714/ 08675	55746/ 07458	62820/08 675	
	vi.	R.B. Nos.	V-913	V-815	V-1330	V-1636	S-381	V-1331	V-1337	V-566	
	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,PEW				
	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:	<b>4517</b>	DISPATCH DATE:			<b>30.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143573</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1102</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>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>CPF</b>		
iii.	WATER TANKS			<b>AMIT, RAIL FAB</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>		
vii.	LAV. DOORS			<b>SAVITRI</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>MRC</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	
		4517		NR		GS		143573		07-01-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i. Bogie No.	150016					150015				
	ii. Frame No.	ASR-820					ASR-770				
	iii. Axle No.	A-5851		1028		RWF-104237		5095			
	iv. Wheel Diameter	916.50	916.50	918.00	918.00	917.00	917.00	916.00	916.00		
	v. Wheel Disc No.	07286/ 267	08093/ 264	09141/ 371	09134/ 387	08909/ 276	09119/ 224	09043/ 255	08899/20 2		
	vi. R.B. Nos.	R267	R235	V1795	V1811	V1664	V1658	V1669	V1707		
	vii. R.B. Make	FAG		FAG		FAG		FAG			
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing									
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					K/B				
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>4522</b>	DISPATCH DATE:		<b>02.02.2015</b>		
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143577</b>	
3.	Booked to	<b>SSE/C&amp;W/MB</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)				
ii)	Maximum length over Body		21337 ± 10				
iii)	Maximum length over Buffer		22297 ± 15				
iv)	Maximum width over Body		3245 ± 5				
v)	Maximum width over Flasher light		3402 +0/-5				
vi)	Minimum height above rail level to the lowest fitting		200 mm				
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1102</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/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>85/85</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>ESCORT</b>				
ii.	SEAT & BERTH		<b>CPF</b>				
iii.	WATER TANKS		<b>AMIT</b>				
iv.	PVC		<b>PREMIER POLYFILM</b>				
v.	FLOOR BOARD		<b>TAYAL</b>				
vi.	WINDOWS		<b>ABC, MECIDON</b>				
vii.	LAV. DOORS		<b>DHINJAN</b>				
viii.	LP SHEET		<b>NA</b>				
ix)	BIO- TOILET		<b>JSL</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			
		4522	NR	GS	143577	18-12-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	141632				141595			
	ii. Frame No.	ASR-337				ASR-704			
	iii. Axle No.	Y-6421		A-1661		A-4843		A-5348	
	iv. Wheel Diameter	916.50	916.00	917.00	917.00	915.00	915.00	915.00	915.00
	v. Wheel Disc No.	05998/ 279	05930/ 216	07261/ 251	07316/ 218	08949/ 289	08945/ 208	08950/ 385	09007/22 4
	vi. R.B. Nos.	V-430	S-408	S-603	S-483	S-754	S-721	S-733	V-417
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i. BRAKE CYLINDER (Make)					PEW,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>4524</b>	DISPATCH DATE:			<b>30.01.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143575</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating: 90	Sleeping: <b>NIL</b>	Luggage: <b>NIL</b>		
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>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>VIBGYOR</b>	<b>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>CPF</b>		
iii.	WATER TANKS			<b>AMIT</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>		
vii.	LAV. DOORS			<b>JR</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>JSL</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			
		4524	NR		GS	143575		26-12-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	141645					141644			
	ii.	Frame No.	ASR-697					ASR-719			
	iii.	Axle No.	Y-7902		7689		P-5821		A-5723		
	iv.	Wheel Diameter	915.50	916.00	916.50	916.00	915.00	915.00	916.50	916.00	
	v.	Wheel Disc No.	09138/263	09041/224	09022/235	09138/285	03994/237	08942/262	04089/336	04245/248	
	vi.	R.B. Nos.	R203	R403	R410	R383	R406	R413	V1589	V1618	
	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)					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>4525</b>	DISPATCH DATE:			<b>05.02.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143579</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>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>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>CPF</b>		
iii.	WATER TANKS			<b>AMIT</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, MECIDON</b>		
vii.	LAV. DOORS			<b>DHINJAN</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>OASIS</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
		4525	NR		GS		143579		16-12-2014
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	141613				141583			
	ii. Frame No.	ASR-760				ASR-723			
	iii. Axle No.	RWF-103978		9740		5214		M-8068	
	iv. Wheel Diameter	916.00	916.00	915.00	915.00	915.00	915.00	916.50	917.00
	v. Wheel Disc No.	55739/ 07458	56408/ 07581	55658/ 07458	55732/ 07458	62713/ 08675	62834/ 08675	62770/ 08675	62218/09 699
	vi. R.B. Nos.	S-188	V-1794	V-1819	V1790	V-965	V-902	V-877	V-830
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				PEW			
	ii.	SECONDARY Shock Absorber (Make)				IAI , 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:	<b>4500</b>	DISPATCH DATE:			<b>05.02.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143578</b>
3.	Booked to	<b>SSE/C&amp;W/MB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body		21337 ± 10			
iii)	Maximum length over Buffer		22297 ± 15			
iv)	Maximum width over Body		3245 ± 5			
v)	Maximum width over Flasher light		3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting		200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1103</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"		
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>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>CPF</b>		
iii.	WATER TANKS			<b>AMIT</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, MECIDON</b>		
vii.	LAV. DOORS			<b>DHINJAN</b>		
viii.	LP SHEET			<b>LP</b>		
ix)	BIO- TOILET			<b>JSL</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			
		4500	NR	GS	143578	24-12-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	141643				141642			
	ii. Frame No.	ASR-408				ASR-557			
	iii. Axle No.	A-4878		P-6051		P-3833		P-5820	
	iv. Wheel Diameter	916.00	916.00	915.50	916.00	916.00	916.00	916.50	917.00
	v. Wheel Disc No.	07247/ 256	08082/ 226	03760/ 373	09104/ 287	03932/ 247	09044/ 300	04181/ 226	09036/22 8
	vi. R.B. Nos.	R487	R462	R209	V1577	S481	S480	S464	S425
	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)				ESCORT/ PEW			
	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>4527</b>	DISPATCH DATE:			<b>06.02.2015</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GS</b>	Coach No.:	<b>143580</b>
3.	Booked to	<b>SSE/C&amp;W/UMB</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1100/1100</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"		
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>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>CPF</b>		
iii.	WATER TANKS			<b>AMIT</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>AGF, MECIDON</b>		
vii.	LAV. DOORS			<b>DHINJAN</b>		
viii.	LP SHEET			<b>NK</b>		
ix)	BIO- TOILET			<b>JSL</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	
		4527		NR		GS		143580		18-12-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	141625				141629				
	ii.	Frame No.	ASR-759				ASR-750				
	iii.	Axle No.	U-4565		1936		A-5150		R-1543		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	916.00	915.50	916.00	915.50	
	v.	Wheel Disc No.	07102/ 251	7301/2 68	07264/ 239	07280/ 263	09044/ 297	07340/ 381	08953/ 233	04252/29 5	
	vi.	R.B. Nos.	V-1478	V-1462	V-1482	V-1510	S-665	S-495	V-1008	V-1378	
	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,PEW				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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