



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4523	DISPATCH DATE:			06.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143582
3.	Booked to	SSE/C&W/UMB				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	Luggage: NIL
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)				
ii)	Maximum length over Body	21337 ± 10				
iii)	Maximum length over Buffer	22297 ± 15				
iv)	Maximum width over Body	3245 ± 5				
v)	Maximum width over Flasher light	3402 +0/-5				
vi)	Minimum height above rail level to the lowest fitting	200 mm				
vii)	Buffer/CBC Height	Specified :	1104 +0 /-10 mm	1104/1104	1104/1104	
viii)	Buffer/CBC (Make)	JLS				
ix)	Draw Gear (Make)	EMSON				
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain	BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only	19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		VIBGYOR	85/85	
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			AMIT		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, ABC, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			JSL		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4523	NR	GS	143582	13-12-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141568				141577			
	ii.	Frame No.	RBO-1210				ASR-738			
	iii.	Axle No.	Y-7657		A-4249		RWF-92472		A-5025	
	iv.	Wheel Diameter	916.50	917.00	916.00	916.00	915.50	915.00	915.50	915.00
	v.	Wheel Disc No.	09121/ 332	03652/ 229	08068/ 238	08091/ 285	03644/ 216	08946/ 219	04263/ 243	07208/23 0
	vi.	R.B. Nos.	V-2430	V-2383	S-372	V-1713	V-1427	V-1858	V-1854	V-1841
	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)				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:	4531	DISPATCH DATE:			09.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143583
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)			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	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			SAVITRI		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, ABC, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			JSL		
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			
		4531	NR		GS	143583	02-02-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150075				150077			
	ii.	Frame No.	ASR-780				ASR-776			
	iii.	Axle No.	5099		5094		P-1993		A-5033	
	iv.	Wheel Diameter	917.00	916.50	917.00	917.00	916.50	916.50	916.50	917.00
	v.	Wheel Disc No.	09144/257	09137/213	09113/385	09137/280	09136/268	09134/209	09144/276	09041/226
	vi.	R.B. Nos.	K-2375	K-2552	V-1039	V-1005	K-2495	K-2493	K-2378	K-2555
	vii.	R.B. Make	NBC		FAG		FAG		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4530	DISPATCH DATE:			09.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143584
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		1100/1104	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		VIBGYOR	85/85	
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			AMIT		
iv.	PVC			PREMIER POLYFIL		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, ABC, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			LP		
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				
		4530	NR		GS	143584	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.	141631				141630				
	ii.	Frame No.	ASR-748				ASR-756				
	iii.	Axle No.	Y-7847		A-5779		RWF-90880		A-5930		
	iv.	Wheel Diameter	916.50	916.00	916.00	916.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	07339/218	05496/249	08945/264	04256/285	09036/290	07214/273	08650/282	07345/278	
	vi.	R.B. Nos.	V-1367	S-560	S-752	S-656	S-563	S-679	V-1010	S-504	
	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)					ESCORTS				
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:	4529	DISPATCH DATE:			07.02.2015	
2.	RAILWAY	NR	Type:	GS	Coach No.:	143585	
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)			JLS			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT		PU PAINT	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			AMIT, RAIL FAB, RUBICONE			
iv.	PVC			PREMIER POLYFILM			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			AGF, ABC, MECIDON			
vii.	LAV. DOORS			DHINJAN			
viii.	LP SHEET			LP			
ix)	BIO- TOILET			OASIS			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4529	NR		GS		143585		02-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150132				150133			
	ii.	Frame No.	ASR-925				ASR-915			
	iii.	Axle No.	925		120796/452		U-6751		A-4512	
	iv.	Wheel Diameter	915.50	915.50	916.00	916.00	916.50	916.00	917.00	917.00
	v.	Wheel Disc No.	06978/290	08880/260	06932/264	08068/314	02255/226	05680/213	08852/247	07181/368
	vi.	R.B. Nos.	K-2653	M-0744	M0770	M-0796	M-0718	M-0742	U-1248	R-350
	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)				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:	4528	DISPATCH DATE:			04.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143581
3.	Booked to	SSE/C&W/UMB				
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 ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		VIBGYOR	85/85	
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			AMIT		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			JSL		
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		
		4528	NR		GS	143581		15-12-2014		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	141569				141575				
	ii. Frame No.	UBLS-1211				UBLS-1205				
	iii. Axle No.	A-3827		P-1996		Y-7010		2311		
	iv. Wheel Diameter	916.00	916.00	915.00	915.00	916.00	916.00	916.00	916.00	
	v. Wheel Disc No.	04214/ 243	03719/ 240	08949/ 385	08090/ 248	03622/ 242	02377/ 374	09035/ 279	09138/22 6	
	vi. R.B. Nos.	V-1423	S-718	S-526	S-755	S-737	S-595	V-1512	S-527	
	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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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4532	DISPATCH DATE:			11.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143586
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)			JLS		
ix)	Draw Gear (Make)			EMSON		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		VIBGYOR	85/85	
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			AMIT		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, ABC, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			LP		
ix)	BIO- TOILET			OASIS		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना, कपूरथला
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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		4532	NR	GS	143586	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.	141628				141627			
	ii. Frame No.	ASR-762				ASR-744			
	iii. Axle No.	A-4166		A-4250		U-7240		T-4135	
	iv. Wheel Diameter	916.00	916.00	917.50	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	08981/ 240	03687/ 314	09044/ 204	09137/ 205	07362/ 245	03670/ 266	02178/ 209	07112/27 2
	vi. R.B. Nos.	V-1343	S-501	S-663	S-398	S-494	S-758	T-2103	S-578
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				PEW			
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4535	DISPATCH DATE:			10.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143588
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	1103/1104		
viii)	Buffer/CBC (Make)		JLS			
ix)	Draw Gear (Make)		EMSON			
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT	VIBGYOR	85/85		
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			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			LP		
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	
		4535		NR		GS		143588		07-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i. Bogie No.	150150					150151				
	ii. Frame No.	ASR-931					UBLS-1274				
	iii. Axle No.	4040		8716		A-4940		A-3710			
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	v. Wheel Disc No.	06932/380	10304/264	10320/256	06936/374	08079/239	06932/237	08826/215	06936/228		
	vi. R.B. Nos.	K-2310	K2309	M0691	M0633	M0775	M0791	M0771	M0706 M,		
	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)					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:	4533	DISPATCH DATE:			12.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143587
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)			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		VIBGYOR	85/85	
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			AMIT		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, ABC, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			LP		
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		
		4533	NR		GS	143587		20-12-2014		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side					NPP Side			
	i. Bogie No.	141600					141637			
	ii. Frame No.	RBO-1209					ASR-577			
	iii. Axle No.	A-4294		RWF-92260		4005		S-1618		
	iv. Wheel Diameter	917.50	917.00	916.00	916.00	916.00	916.00	917.50	917.00	
	v. Wheel Disc No.	09045/ 235	05817/ 246	09130/ 227	09060/ 247	08920/ 297	08970/ 336	03760/ 286	07108/27 6	
	vi. R.B. Nos.	V-1090	V-1328	V-1081	V-1344	V-1345	V-1101	V-1098	V-1087	
	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)					ESCORTS , 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:	4534	DISPATCH DATE:			13.02.2015	
2.	RAILWAY	NR	Type:	GS	Coach No.:	143589	
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)			JLS			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
			Description	Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT		VIBGYOR	85/85		
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			RUBICNE			
iv.	PVC			PREMIER POLYFILM			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			AGF, ABC, MECIDON			
vii.	LAV. DOORS			DHINJAN			
viii.	LP SHEET			LP			
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	
		4534	NR		GS		143589		05-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150145				150146			
	ii.	Frame No.	ASR-927				ASR-			
	iii.	Axle No.	P-1925		T-3929		834		RWF-92839	
	iv.	Wheel Diameter	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00
	v.	Wheel Disc No.	56409/07581	56401/07581	55672/07458	57660/08139	57726/08139	56410/07581	55722/07458	57663/08139
	vi.	R.B. Nos.	U-1909	U-1861	U-1912	U-1768	U-735	U-1898	U-1860	U-765
	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:	4537	DISPATCH DATE:		14.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:
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	1102/1102	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	VIBGYOR	85/86`	
8.2	APPLICATION OF PCN-123	SATISFACTORY			
8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:				
i.	BRAKE EQUIPMENT	Make ESCORT			
ii.	SEAT & BERTH	SAVITRI			
iii.	WATER TANKS	RUBICONE			
iv.	PVC	PREMIER POLYFILM			
v.	FLOOR BOARD	TAYAL			
vi.	WINDOWS	AGF, ABC, MECIDON			
vii.	LAV. DOORS	DHINJAN			
viii.	LP SHEET	LP			
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		
		4537	NR		GS	143590		12-02-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150169				150171			
	ii.	Frame No.	ASR-904				ASR-905			
	iii.	Axle No.	1743		1715		9972		3648	
	iv.	Wheel Diameter	915.00	915.00	915.00	915.00	916.00	916.00	916.50	916.50
	v.	Wheel Disc No.	62799/08675	62708/08675	62780/08675	62779/08675	55657/07458	57696/08139	49870/06797	55682/07458
	vi.	R.B. Nos.	V-1424	V-1449	K-2530	M0681	V-1399	R-385	K-2477	K-2468
	vii.	R.B. Make	FAG		NBC		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)				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:	4543	DISPATCH DATE:			21.02.2015	
2.	RAILWAY	NR	Type:	GS	Coach No.:	143594	
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		1104/1102	1104/1104		
viii)	Buffer/CBC (Make)			JLS			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT		PU PAINT	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			RAIL FAB			
iv.	PVC			PREMIER POLYFILM			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			AGF, ABC, MECIDON			
vii.	LAV. DOORS			DHINJAN			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			ORIIENTAL VENEER			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4543		NR		GS		143594		12-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150176				150175				
	ii.	Frame No.	RBO-1275				ASR-903				
	iii.	Axle No.	7463		RWF-98844		RWF-82903		K-4884		
	iv.	Wheel Diameter	916.00	916.00	916.00	916.00	916.00	916.00	915.50	916.00	
	v.	Wheel Disc No.	10681/223	10299/227	08853/284	09124/381	10318/204	10388/242	10390/274	10285/202	
	vi.	R.B. Nos.	K-2215	K-2274	J-1982	J-2034	J-2034	J-1964	J-1986	J-1990	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)					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:	4541	DISPATCH DATE:			21.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143598
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)		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	VIBGYOR	85/85	
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		RAIL FAB			
iv.	PVC		PREMIER POLYFILM			
v.	FLOOR BOARD		TAYAL			
vi.	WINDOWS		AGF, ABC, MECIDON			
vii.	LAV. DOORS		DHINJAN			
viii.	LP SHEET		NA			
ix)	BIO- TOILET		ORIENTAL VENEER			
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					
		4541	NR	GS	143598	14-02-2015					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	150196				150194				
	ii.	Frame No.	RBO-1304				UBLS-1302				
	iii.	Axle No.	A-5235		9131		5225		U-7977		
	iv.	Wheel Diameter	917.00	917.00	916.00	916.00	917.00	916.50	917.00	916.50	
	v.	Wheel Disc No.	10308/204	10310/226	10387/234	10181/369	10306/264	10362/379	06932/273	06931/255	
	vi.	R.B. Nos.	J-2309	J-2276	L-3107	L-2919	J-2236	J-2214	L-3078	L-3115	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					PEW,AJT				
	ii.	SECONDARY Shock Absorber (Make)					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:	4539	DISPATCH DATE:			19.02.2015	
2.	RAILWAY	NR	Type:	GS	Coach No.:	143592	
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		1104/1103	1104/1102		
viii)	Buffer/CBC (Make)			JLS			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT		PU PAINT	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			
iv.	PVC			PREMIER POLYFILM			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			AGF, ABC, MECIDON			
vii.	LAV. DOORS			DHINJAN			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			ORIENTAL VENEER			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4539		NR		GS		143592		12-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150183				150182				
	ii.	Frame No.	ASR-896				UBLS-1283				
	iii.	Axle No.	7708		5239		4007		8023		
	iv.	Wheel Diameter	917.00	917.00	917.00	916.50	916.50	917.00	916.50	917.00	
	v.	Wheel Disc No.	07365/ 251	10353/ 254	08091/ 289	07358/ 282	09154/ 373	09006/ 377	10297/ 386	10229/27 4	
	vi.	R.B. Nos.	K-2277	K-2284	L-3075	K-2262	K-2266	K-2286	K-2238	K-2254	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					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:	4545	DISPATCH DATE:			19.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143596
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			1103/1104
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		VIBGYOR	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT			Make ESCORT		
ii.	SEAT & BERTH			CPF		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, ABC, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			ORIENTAL VENEER		
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					
		4545	NR	GS	143596	13-02-2015					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	150186				150190				
	ii.	Frame No.	UBLS-1290				UBLS-1262				
	iii.	Axle No.	8070		9127		A-3555		A-3869		
	iv.	Wheel Diameter	916.00	916.00	916.50	916.00	917.00	916.50	916.00	916.00	
	v.	Wheel Disc No.	10337/384	10312/218	10302/254	10607/378	10362/254	10229/202	10304/254	10305/380	
	vi.	R.B. Nos.	L-3083	L-3303	J-1988	J-1974	J-2266	J-2275	J-2267	J-1943	
	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:	4549	DISPATCH DATE:			24.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143926
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)			EMSON		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		APC	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			OVPL		
iii.	WATER TANKS			AMIT, RAIL FAB		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, ABC, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			LP		
ix)	BIO- TOILET			ORIENTAL VENEER		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4549	NR		GS		143926		13-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150177				150168				
	ii. Frame No.	UBLS-1273				ASR-902				
	iii. Axle No.	A-4853		A-5760		A-4835		A-4102		
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	916.50	916.50	916.50	916.50	
	v. Wheel Disc No.	10373/224	10294/219	10302/235	10296/299	10366/286	10378/224	09143/227	09040/218	
	vi. R.B. Nos.	J-2317	J-2269	K-2319	K-2307	M3147	M3162	M3163	M3155	
	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)				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:	4546	DISPATCH DATE:			21.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143595
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		1104/1103	1104/1103	
viii)	Buffer/CBC (Make)			JLS		
ix)	Draw Gear (Make)			EMSON		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT		PU PAINT	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			RAIL FAB		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, ABC, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			NK		
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		
		4546	ER		GS		143595		13-02-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150185					150187			
	ii.	Frame No.	UBLS-1272					UBLS-1285			
	iii.	Axle No.	U-6744		A-3797		8288		A-3738		
	iv.	Wheel Diameter	915.50	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	v.	Wheel Disc No.	10212/205	10363/250	10305/270	10306/386	10306/255	10308/226	09104/297	04254/211	
	vi.	R.B. Nos.	K-2308	K-2337	J-2301	J-2281	L-3094	L-3006	J-1991	J-1974	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					PEW,AJT				
	ii.	SECONDARY Shock Absorber (Make)					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:	4548	DISPATCH DATE:		24.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:
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)	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	APC	85/86	
8.2	APPLICATION OF PCN-123	SATISFACTORY			
8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:				
i.	BRAKE EQUIPMENT	Make ESCORT			
ii.	SEAT & BERTH	CPF			
iii.	WATER TANKS	RAIL FAB			
iv.	PVC	PREMIER POLYFILM			
v.	FLOOR BOARD	TAYAL			
vi.	WINDOWS	AGF, ABC, MECIDON			
vii.	LAV. DOORS	DHINJAN			
viii.	LP SHEET	LP			
ix)	BIO- TOILET	ORIENTAL VENEER			
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	
		4548	NR		GS		143600		16-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side					NPP Side			
	i.	Bogie No.	150197					150198		
	ii.	Frame No.	UBLS-1303					ASR-923		
	iii.	Axle No.	A-5081		A-4633		K-5263		A-4023	
	iv.	Wheel Diameter	917.00	916.50	917.00	916.50	917.00	916.50	917.00	917.000
	v.	Wheel Disc No.	10304/205	10364/308	10389/234	10256/246	10304/282	10332/222	10300/278	10371/267
	vi.	R.B. Nos.	J2278	J2277	J2232	K2291	J2216	J2265	K2302	J2307
	vii.	R.B. Make	NBC		NBC		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)					AJT, PEW			
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):					NIL			
	ii.	Deviations (if any):					NIL			

GS-4548



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4544	DISPATCH DATE:			23.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143597
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		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/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	APC	85/86		
8.2	APPLICATION OF PCN-123	SATISFACTORY				
8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT	Make				ESCORT
ii.	SEAT & BERTH					CPF
iii.	WATER TANKS					RAIL FAB
iv.	PVC					PREMIER POLYFILM
v.	FLOOR BOARD					TAYAL
vi.	WINDOWS					AGF, ABC, MECIDON
vii.	LAV. DOORS					DHINJAN
viii.	LP SHEET					LP
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			
		4544	NR	GS	143597	18-02-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150189				150191			
	ii. Frame No.	UBLS-1284				ASR-934			
	iii. Axle No.	P-3196		RWF-80889		V-9196		9139	
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
	v. Wheel Disc No.	10299/308	10389/386	10384/234	10306/227	06936/249	08946/297	10297/267	10269/321
	vi. R.B. Nos.	J1993	J1985	K2314	K2304	E-3090	L-3091	L-3084	L-3097
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				AJT,PEW			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

GS-4544



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4536	DISPATCH DATE:		23.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:
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)	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	VIBGYOR	85/85	
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		RAIL FAB		
iv.	PVC		PREMIER POLYFILM		
v.	FLOOR BOARD		TAYAL		
vi.	WINDOWS		AGF, ABC, MECIDON		
vii.	LAV. DOORS		DHINJAN		
viii.	LP SHEET		NA		
ix)	BIO- TOILET		ORIENTAL VENEER		
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
		4536	NR		GS		143599		16-02-2015
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150188				150200			
	ii. Frame No.	UBLS-1299				UBLS-1288			
	iii. Axle No.	5242		U-4462		Y-7738		A-4575	
	iv. Wheel Diameter	916.50	916.00	916.50	916.50	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	10383/203	10360/210	10302/233	10305/233	10296/246	10321/319	10306/268	10296/226
	vi. R.B. Nos.	J1946	J1989	K2321	K2220	K2236	K2316	K2326	K2313
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				AJT,PEW			
	ii.	SECONDARY Shock Absorber (Make)				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:	4553	DISPATCH DATE:			25.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143930
3.	Booked to	SSE/C&W/FZR				
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		1104/1103	1104/1104	
viii)	Buffer/CBC (Make)			JLS		
ix)	Draw Gear (Make)			EMSON		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/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			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			ORIENTAL VENEER		
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			
		4553	NR		GS	143930	16-02-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150195				150184			
	ii.	Frame No.	UBLS-1298				ASR-933			
	iii.	Axle No.	9447	A-5333		A-3545		RWF-10516		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	916.00	916.00	916.00	916.00
	v.	Wheel Disc No.	10376/ 226	10212/ 259	10294/ 380	10379/ 238	10296/ 380	10303/ 380	10306/ 254	10197/21 6
	vi.	R.B. Nos.	J2225	J2233	J2286	J2311	K2301	K2290	K2334	K2341
	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)				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:	4547	DISPATCH DATE:			26.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143929
3.	Booked to	SSE/C&W/FZR				
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 ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		VIBGYOR	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			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			LP		
ix)	BIO- TOILET			M K PRECISION		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4547	NR		GS		143929		19-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side					NPP Side			
	i.	Bogie No.	150216					150214		
	ii.	Frame No.	UBLS-1291					UBLS-1266		
	iii.	Axle No.	9689		W-2379		M-5680		10129	
	iv.	Wheel Diameter	916.50	917.00	917.00	917.00	916.50	917.00	917.00	916.50
	v.	Wheel Disc No.	10388/380	10249/284	10307/293	10310/380	10334/234	10603/226	10303/212	10252/295
	vi.	R.B. Nos.	J2158	J2195	K2651	K2412	K2650	K2618	K2657	K2658
	vii.	R.B. Make	NBC		NBC		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)					PEW,AJT			
	ii.	SECONDARY Shock Absorber (Make)					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:	4550	DISPATCH DATE:		26.02.2015		
2.	RAILWAY	NR	Type:	GS	Coach No.:	143928	
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	1103/1104			
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	APC	85/85			
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		ESCORT				
ii.	SEAT & BERTH		OVPL				
iii.	WATER TANKS		AMIT				
iv.	PVC		PREMIER POLYFILM				
v.	FLOOR BOARD		TAYAL				
vi.	WINDOWS		AGF, MECIDON				
vii.	LAV. DOORS		DHINJAN				
viii.	LP SHEET		NA				
ix)	BIO- TOILET		ORIENTAL VENEER				
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		
		4550	NR		GS		143928		14-02-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	150179				150178				
	ii.	Frame No.	ASR-989				RBO-1279				
	iii.	Axle No.	7472		4093		A-5134		7906		
	iv.	Wheel Diameter	917.00	916.50	917.00	917.00	916.50	917.00	917.50	917.00	
	v.	Wheel Disc No.	09005/256	06931/226	08984/376	06994/215	08941/282	08072/221	10307/226	10296/270	
	vi.	R.B. Nos.	K-2278	K-2276	K-2288	K-2264	K-2275	K-2246	K-2239	K-2241	
	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)					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:	4554	DISPATCH DATE:		28.02.2015		
2.	RAILWAY	NR	Type:	GS	Coach No.:	143932	
3.	Booked to	SSE/C&W/LILUAH					
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 ² of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)				
		Brake release time to reach .4 Kg/cm ²	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)				
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec	No brake application				
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec	Brakes "ON"				
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE			
8.1	PAINT	PU PAINT	VIBGYOR	85/86			
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT	Make			ESCORT		
ii.	SEAT & BERTH	Make			OVPL		
iii.	WATER TANKS	Make			AMIT		
iv.	PVC	Make			PREMIER POLYFILM		
v.	FLOOR BOARD	Make			TAYAL		
vi.	WINDOWS	Make			AGF, MECIDON		
vii.	LAV. DOORS	Make			DHINJAN		
viii.	LP SHEET	Make			LP		
ix)	BIO- TOILET	Make			ORIENTAL		
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			
		4544	NR		GS	143932	20-02-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150199				150221			
	ii.	Frame No.	ASR-949				UBLS-1296			
	iii.	Axle No.	N-7424		A-5504		8121		8148	
	iv.	Wheel Diameter	917.00	917.00	916.50	917.00	917.00	917.00	916.50	916.50
	v.	Wheel Disc No.	10302/247	10255/272	10255/222	10378/297	10381/210	10363/215	10261/269	10292/224
	vi.	R.B. Nos.	J2260	K2292	J2226	J2296	K2441	K2410	J2032	J2040
	vii.	R.B. Make	NBC		NBC		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4555	DISPATCH DATE:			02.03.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143935
3.	Booked to	SSE/C&W/UMB				
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)	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	VIBGYOR	85/86		
8.2	APPLICATION OF PCN-123	SATISFACTORY				
8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT	Make ESCORT				
ii.	SEAT & BERTH	OVPL				
iii.	WATER TANKS	AMIT				
iv.	PVC	PREMIER POLYFILM				
v.	FLOOR BOARD	TAYAL				
vi.	WINDOWS	AGF, MECIDON				
vii.	LAV. DOORS	DHINJAN				
viii.	LP SHEET	LP				
ix)	BIO- TOILET	ORIENTAL				
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		
		4555	NR		GS	143935		20-02-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150211				150215				
	ii. Frame No.	UBLS-1294				ASR-895				
	iii. Axle No.	9380		0083		RWF-94436		P-1900		
	iv. Wheel Diameter	916.00	916.00	917.00	916.50	917.00	916.50	917.00	916.50	
	v. Wheel Disc No.	10303/219	10385/225	10301/201	10272/233	10300/383	10303/270	10300/379	10198/215	
	vi. R.B. Nos.	K2373	K2386	K2620	K2662	J2166	J2174	J2204	J2181	
	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:	4552	DISPATCH DATE:			04.03.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143934
3.	Booked to	SSE/C&W/UMB				
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)		RK			
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT	VIBGYOR	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, AGF, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			LP		
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		
		4552	NR		GS	143934		23-02-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side					NPP Side			
	i. Bogie No.	150227					150229			
	ii. Frame No.	ASR-921					UBLS-1300			
	iii. Axle No.	RWF-87176		7897		RWF-86486		9593		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	916.50	917.00	916.50	917.00	
	v. Wheel Disc No.	10310/270	10230/208	10193/274	10317/215	10312/380	10269/236	10306/284	10388/387	
	vi. R.B. Nos.	J2343	J2336	K2444	K2446	K2170	K2153	K2128	K2176	
	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)					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:	4496	DISPATCH DATE:			04.03.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143937
3.	Booked to	SSE/C&W/UMB				
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		1104/1102	1104/1103	
viii)	Buffer/CBC (Make)			ATUL		
ix)	Draw Gear (Make)			RK, EMSON		
7.	Air Brake Testing:					
			Description	Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		VIBGYOR	85/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, AGF, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			LP		
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		
		4496		NR		GS		143937		25-02-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
12.2	Wheel & Axle Details:	PP Side					NPP Side					
	i.	Bogie No.	150213					150212				
	ii.	Frame No.	ASR-947					ASR-834				
	iii.	Axle No.	U-5004		Z-7639		RWF-104721		9758			
	iv.	Wheel Diameter	916.50	916.50	916.50	916.50	916.50	917.00	917.00	917.00		
	v.	Wheel Disc No.	10304/383	10260/297	10168/260	10305/256	10377/214	10386/242	10376/260	10284/289		
	vi.	R.B. Nos.	K-2652	K-2626	K-2358	K-2350	K-2348	K-2369	K-2626	K-2645		
	vii.	R.B. Make	NBC		NBC		NBC		NBC			
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing									
12.3	<u>Items Traceability:</u>											
	i.	BRAKE CYLINDER (Make)					AJT,PEW					
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE					
12.4	i.	Modification/ Trail (if any):					NIL					
	ii.	Deviations (if any):					NIL					

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Rail Coach Factory , Kapurthala

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4551	DISPATCH DATE:			05.03.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143927
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)		EMSON			
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT	APC	85/86		
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT		Make ESCORT			
ii.	SEAT & BERTH		OVPL			
iii.	WATER TANKS		AMIT, RAIL FAB			
iv.	PVC		PREMIER POLYFILM			
v.	FLOOR BOARD		TAYAL			
vi.	WINDOWS		AGF, MECIDON			
vii.	LAV. DOORS		DHINJAN			
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	
		4551		NR		GS		143927		13-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150166				150167				
	ii.	Frame No.	ASR-937				ASR-906				
	iii.	Axle No.	0781		9308		8711		A-4194		
	iv.	Wheel Diameter	916.00	916.50	916.50	916.50	917.00	916.50	915.50	916.00	
	v.	Wheel Disc No.	08939/ 372	07206/ 369	08066/ 241	08071/ 276	06937/ 212	09132/ 274	08867/ 259	08084/24 9	
	vi.	R.B. Nos.	M-3177	M-3133	M3141	M3166	M3184	M3182	M3185	M3175	
	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,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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Rail Coach Factory , Kapurthala

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4540	DISPATCH DATE:			07.03.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143931
3.	Booked to	SSE/C&W/LKO				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	Luggage: NIL
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body		21337 ± 10			
iii)	Maximum length over Buffer		22297 ± 15			
iv)	Maximum width over Body		3245 ± 5			
v)	Maximum width over Flasher light		3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting		200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104		
viii)	Buffer/CBC (Make)		JLS			
ix)	Draw Gear (Make)		EMSON			
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm2	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec	No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec	Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT	VIBGYOR	85/86		
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT		Make ESCORT			
ii.	SEAT & BERTH		OVPL			
iii.	WATER TANKS		AMIT, RAIL FAB			
iv.	PVC		PREMIER POLYFILM			
v.	FLOOR BOARD		TAYAL			
vi.	WINDOWS		AGF, MECIDON			
vii.	LAV. DOORS		DHINJAN			
viii.	LP SHEET		NA			
ix)	BIO- TOILET		ORIENTAL VENEER			
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	
		4540		NR		GS		143931		18-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150206				150209				
	ii.	Frame No.	UBLS-1306				UBLS-1301				
	iii.	Axle No.	K-5497		N-8060		RWF-94922		A-3682		
	iv.	Wheel Diameter	917.00	917.00	916.50	916.00	916.50	916.00	916.00	916.00	
	v.	Wheel Disc No.	10288/ 210	10349/ 267	09135/ 299	10820/ 269	10300/ 374	10299/ 257	10315/ 382	10382/25 4	
	vi.	R.B. Nos.	K2384	K2383	J2188	J2161	J2171	J2165	J2192	K2377	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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Rail Coach Factory , Kapurthala

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4521	DISPATCH DATE:			07.03.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:	143936
3.	Booked to	SSE/C&W/UMB				
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	1104/1102		1104/1103	
viii)	Buffer/CBC (Make)		JLS			
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	VIBGYOR	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT		Make ESCORT			
ii.	SEAT & BERTH		OVPL			
iii.	WATER TANKS		AMIT, RAIL FAB			
iv.	PVC		PREMIER POLYFILM			
v.	FLOOR BOARD		TAYAL			
vi.	WINDOWS		ABC, AGF, MECIDON			
vii.	LAV. DOORS		DHINJAN			
viii.	LP SHEET		NA			
ix)	BIO- TOILET		ORIENTAL VENEER			
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	
		4521		NR		GS		143936		21-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i. Bogie No.	150220					150222				
	ii. Frame No.	ASR-952					ASR-966				
	iii. Axle No.	8122		8031		8147		7902			
	iv. Wheel Diameter	917.00	917.00	917.00	916.50	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	10309/250	10357/274	10327/239	10267/257	10359/279	10350/384	10305/203	10294/226		
	vi. R.B. Nos.	K-2432	K-2427	K-2470	K-2474	K-2429	K-2422	K-2416	K-2409		
	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,AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-4521



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;

Version: 05

1.	SHELL No:	4505	DISPATCH DATE:		16.02.2015
2.	RAILWAY	NR	Type:	GS	Coach No.:
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)	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	VIBGYOR	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY		
8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:				
i.	BRAKE EQUIPMENT	Make			ESCORT
ii.	SEAT & BERTH				CPF
iii.	WATER TANKS				RUBICONE
iv.	PVC				PREMIER POLYFILM
v.	FLOOR BOARD				TAYAL
vi.	WINDOWS				AGF, ABC, MECIDON
vii.	LAV. DOORS				DHINJAN
viii.	LP SHEET				NA
ix)	BIO- TOILET				ORIIENTAL VENEER
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	
		4505	NR		GS	143591		12-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150180				150181			
	ii. Frame No.	UBLS-1282				UBLS-1292			
	iii. Axle No.	6786		9775		A-5526		9481	
	iv. Wheel Diameter	917.00	916.50	917.00	917.00	917.50	917.00	916.50	916.00
	v. Wheel Disc No.	09105/260	09092/248	10294/222	10351/214	08823/272	10375/381	10367/378	10261/287
	vi. R.B. Nos.	K-2249	K-2257	K-2252	K-2250	M0700	M0752	L3074	L-3106
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

GS-4505



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4550	DISPATCH DATE:			26.02.2015	
2.	RAILWAY	NR	Type:	GS	Coach No.:	143928	
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	1103/1104		
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	APC	85/85			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT	Make				ESCORT	
ii.	SEAT & BERTH					OVPL	
iii.	WATER TANKS					AMIT	
iv.	PVC					PREMIER POLYFILM	
v.	FLOOR BOARD					TAYAL	
vi.	WINDOWS					AGF, MECIDON	
vii.	LAV. DOORS					DHINJAN	
viii.	LP SHEET					NA	
ix)	BIO- TOILET					ORIENTAL VENEER	
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	
		4550		NR		GS		143928		14-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150179				150178				
	ii.	Frame No.	ASR-989				RBO-1279				
	iii.	Axle No.	7472		4093		A-5134		7906		
	iv.	Wheel Diameter	917.00	916.50	917.00	917.00	916.50	917.00	917.50	917.00	
	v.	Wheel Disc No.	09005/ 256	06931/ 226	08984/ 376	06994/ 215	08941/ 282	08072/ 221	10307/ 226	10296/27 0	
	vi.	R.B. Nos.	K-2278	K-2276	K-2288	K-2264	K-2275	K-2246	K-2239	K-2241	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-4550



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4556	DISPATCH DATE:			05.03.2015	
2.	RAILWAY	NR	Type:	GS	Coach No.:	143933	
3.	Booked to	SSE/C&W/LKO					
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)		ATUL				
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		VIBGYOR	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORT			
ii.	SEAT & BERTH			OVPL			
iii.	WATER TANKS			AMIT			
iv.	PVC			PREMIER POLYFILM			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			ABC, AGF, MECIDON			
vii.	LAV. DOORS			DHINJAN			
viii.	LP SHEET			LP			
ix)	BIO- TOILET			ORIENTAL VENEER			
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	
		4556		NR		GS		143933		20-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150218				150217				
	ii.	Frame No.	ASR-964				ASR-955				
	iii.	Axle No.	8182		8024		W-3140		0087		
	iv.	Wheel Diameter	916.50	917.00	916.50	917.00	917.00	917.00	917.00	916.50	
	v.	Wheel Disc No.	10368/273	10364/222	10306/286	10305/259	10271/294	09040/369	10366/267	10611/284	
	vi.	R.B. Nos.	K2425	K2488	K2505	K2339	K2648	K2646	K2462	K2503	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-4556