



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5197	DISPATCH DATE:			05.08.2015	
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15460	
3.	Booked to	SSE/C&W/DNR					
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)			ATUL			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
			Description	Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT		ADVANCE	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			ABC, AGF, MECIDON			
vii.	LAV. DOORS			AMIR CHAND			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			ORIENTAL, AMIT			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		5197	EC		GS		15460		29-06-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150837				150838				
	ii. Frame No.	ASR-293				ASR-292				
	iii. Axle No.	A-5281		A-4681		A-3748		A-4121		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	916.50	917.00	917.00	917.00	
	v. Wheel Disc No.	12109/225	10367/254	12022/224	03942/224	12130/231	11912/380	11935/378	12011/382	
	vi. R.B. Nos.	X1255	X1231	X1387	X1269	X1241	X1237	X1338	X1249	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-11254,11295		PEW-11210,11327		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-03071,02814		K/B-03064,02960		
11.4	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:	5159	DISPATCH DATE:			05.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15463
3.	Booked to	SSE/C&W/DNR				
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)			CFPL		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		ADVANCE	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/PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NK		
ix)	BIO- TOILET			M K PRECISION		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		5159	EC		GS	15463		29-07-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150935				150950				
	ii. Frame No.	UBLS-1506				UBLS-1500				
	iii. Axle No.	W-2869		A-3950		V-9718		Y-6693		
	iv. Wheel Diameter	917.00	916.50	916.50	917.00	917.00	917.00	917.50	917.50	
	v. Wheel Disc No.	06839/232	08987/235	13989/229	13952/221	10364/251	06965/252	13989/267	13750/225	
	vi. R.B. Nos.	V-2292	V-2339	V-1540	V-2166	V2385	V2377	V2407	V2330	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
viii. R.B. Type	Direct Mounted Spherical Roller Bearing									
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-11552,12809		PEW-12919,12845		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-669,118		ESCORTS-277,276		
11.4	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:	5191	DISPATCH DATE:			08.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15464
3.	Booked to	SSE/C&W/DNR				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	Luggage: NIL
6.	Shell Details: (SG-90004 alt 'b')					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1102/1104	1103/1104	
viii)	Buffer/CBC (Make)			ATUL		
ix)	Draw Gear (Make)			CFPL		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		ADVANCE	86/87	
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			RSPONSIVE, PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, AGF, MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NK		
ix)	BIO- TOILET			M K PRECISION		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5191	EC	GS	15464	28-07-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150915				150952				
	ii. Frame No.	ASR-362				ASR-930				
	iii. Axle No.	V-9346		A-5114		W-2441		M-4983		
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	913.00	913.00	912.00	912.00	
	v. Wheel Disc No.	16686/ 16367	16953/ 14925	21724/ 00288	21737/ 00238	11881/ 15509	11896/ 15529	47941/ 05815	45907/06 045	
	vi. R.B. Nos.	V0794	V0814	V1438	V1405	W1413	W1410	V1375	V1360	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-E12815,E127		PEW-E12881,E12876		
	ii.	SECONDARY Shock Absorber Make &NO.				IAI-128647,128553		ESCORTS-0457,0539		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				LESS WHEEL DIA				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5196	DISPATCH DATE:			10.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15465
3.	Booked to	SSE/C&W/				
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)	Emson 0.			
7.	Air Brake Testing:					
		Description			Specified	
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm2	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec	No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec	Brakes "ON"		
	7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"		
	7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	ADVANCE	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		AAR KAY FOAMS		
	iii.	WATER TANKS		AMIT, RUBICONE		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		TAYAL		
	vi.	WINDOWS		ABC, MECIDON		
	vii.	LAV. DOORS		AMIR CHAND		
	viii.	LP SHEET		NA		
	ix)	BIO- TOILET		OMAX, AMIT		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		5196	EC		GS		15465		30-07-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151003				151002				
	ii. Frame No.	1519-UBLS				ASR-435				
	iii. Axle No.	A-5269		Y-8484		A-4912		W-3074		
	iv. Wheel Diameter	917.50	917.00	917.00	917.50	917.50	917.00	918.00	918.00	
	v. Wheel Disc No.	07215/254	05958/242	13998/234	14000/253	11711/202	10622/383	13904/275	13893/224	
	vi. R.B. Nos.	V1534	V1518	X1322	X1319	X1298	V1627	X1315	X1239	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.			ASSOCIATED-240,397		PEW-13140,13122			
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-440,643		ESCORTS-496,493			
11.4	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:	5187	DISPATCH DATE:			10.08.2015	
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15466	
3.	Booked to	SSE/C&W/DNR					
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)			ATUL			
ix)	Draw Gear (Make)			CFPL			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT		ADVANCE	86/87		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORT			
ii.	SEAT & BERTH			SAVITRI			
iii.	WATER TANKS			AMIT, RUBICONE			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			ABC, AGF, MECIDON			
vii.	LAV. DOORS			AMIR CHAND			
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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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		5187	EC	GS	15466	30-07-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150937				151000			
	ii. Frame No.	UBLS-1511				ASR-413			
	iii. Axle No.	Y-8573		A-4323		RWF-10473		A-4390	
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	917.50	917.00	917.50	917.50
	v. Wheel Disc No.	08077/ 276	08060/ 249	07349/ 257	07229/ 266	05933/ 253	04135/ 255	12032/ 354	07145/26 0
	vi. R.B. Nos.	V2169	V2148	V2137	V2164	V1535	V1513	V1570	V2291
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			PEW-E11745,E11769			AJT-144,149	
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-0666,0557			ESCORTS-553,492	
11.4	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:	5193	DISPATCH DATE:			13.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15462
3.	Booked to	SSE/C&W/DNR				
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)			CFPL		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		ADVANCE	86/87	
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			RESPONSIVE/PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, AGF, MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NK		
ix)	BIO- TOILET			M K PRECISION		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5193	EC	GS	15462	28-07-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150943				150916			
	ii.	Frame No.	ASR-386				ASR-385			
	iii.	Axle No.	A-5473		V-9260		A-4994		A-4649	
	iv.	Wheel Diameter	918.00	918.00	917.50	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	12089/257	08085/204	06844/280	09136/224	10745/255	10311/242	10280/308	12112/221
	vi.	R.B. Nos.	V1396	X1310	V1426	V1428	V0807	V0753	V2390	V2380
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-E12970,E12904		PEW-E12748,E12755		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-0588,0398		IAI-128525,128712		
11.4	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:	5226	DISPATCH DATE:			24.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15467
3.	Booked to	SSE/C&W/DNR				
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		APEX	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			MANOJ		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			RAIL TECH, OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		5226	EC	GS	15467	13-08-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	151046				151063			
	ii. Frame No.	ASR-361				ASR-492			
	iii. Axle No.	2963		A-5808		M6811		A-5382	
	iv. Wheel Diameter	918.00	918.00	917.00	917.00	918.00	918.00	917.00	917.00
	v. Wheel Disc No.	05839/377	05748/229	07209/225	05976/221	12063/220	07426/252	07347/266	07316/225
	vi. R.B. Nos.	D1059	E1261	D0583	D0575	F1098	F1105	F1108	F1093
	vii. R.B. Make	NBC		NBC		NBC		NBC	
viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			PEW-13065,13070		PEW-9214,08057		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORT-0397,0380		IAI-0618,0599		
11.4	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:	5234	DISPATCH DATE:			27.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15471
3.	Booked to	SSE/C&W/SHC				
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		SAVITRI			
iii.	WATER TANKS		RUBICONE			
iv.	PVC		RESPONSIVE			
v.	FLOOR BOARD		TAYAL			
vi.	WINDOWS		AGF, MECIDON			
vii.	LAV. DOORS		AMIR CHAND			
viii.	LP SHEET		NA			
ix)	BIO- TOILET		RAIL TECH, OMAX			
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
			5234	ECR	GS	15471	18-08-2015				
11.1	12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	12.2	Wheel & Axle Details:	PP Side				NPP Side				
		i. Bogie No.	151066				151079				
		ii. Frame No.	UBLS-1559				UBLS-1556				
		iii. Axle No.	S-1873		02546		Y-6173		A-5349		
		iv. Wheel Diameter	917.00	917.00	918.00	918.00	917.00	917.00	918.00	918.00	
		v. Wheel Disc No.	07216/ 210	05567/ 201	11680/ 216	09134/ 202	07213/ 266	08081/ 204	08936/ 275	11984/39 1	
		vi. R.B. Nos.	F1118	F1134	F1127	F1125	F1089	F1090	F1121	F1085	
		vii. R.B. Make	NBC		NBC		NBC		NBC		
		viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	12.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
		i.	BRAKE CYLINDER Make & NO.				PEWE7587,E9082-		PEW-9128,91006		
		ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-0520,0390		ESCORTS-0102,0498		
11.4	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:	5240	DISPATCH DATE:			29.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15472
3.	Booked to	SSE/C&W/SHC				
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	SAVITRI			
	iii.	WATER TANKS	RUBICONE			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	TAYAL			
	vi.	WINDOWS	AGF, MECIDON			
	vii.	LAV. DOORS	AMIR CHAND			
	viii.	LP SHEET	NA			
	ix)	BIO- TOILET	RAIL TECH, OMAX			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5240	ECR	GS	15472	24-08-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151030				151101				
	ii. Frame No.	ASR-469				ASR-532				
	iii. Axle No.	11476		F-5351		U-4229		A-5491		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	916.50	
	v. Wheel Disc No.	07256/378	07358/241	08058/209	06325/371	03737/258	03844/232	07264/387	04196/230	
	vi. R.B. Nos.	D0828	F0838	D0612	D0598	D0593	F1122	D0600	F1129	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
viii. R.B. Type	Direct Mounted Spherical Roller Bearing									
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				ASSOC-233,244		ASSOC-181,98		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-4525,4861		IAI-13167,13610		
11.4	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:	5230	DISPATCH DATE:			29.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15476
3.	Booked to	SSE/C&W/SHC				
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		APEX	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			RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NK		
ix)	BIO- TOILET			AMIT		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5230	EC	GS	15476	12-08-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151052				151049				
	ii. Frame No.	ASR-363				ASR-450				
	iii. Axle No.	A-5323		P-9905		A-5598		110397		
	iv. Wheel Diameter	917.00	917.00	916.50	916.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	09133/228	03723/376	05832/212	09003/285	09046/262	08094/204	11925/312	09013/383	
	vi. R.B. Nos.	D-0730	D-0733	D-0567	D-0605	D-0745	D-0774	D-0776	D-0731	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-11383,13126		PEW-7899,9242		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-5438,5136		GABRIEL-5275,5268		
11.4	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:	5224	DISPATCH DATE:			28.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15473
3.	Booked to	SSE/C&W/SHC				
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	APEX	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	MANOJ, SAVITRI			
	iii.	WATER TANKS	AMIT			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	TAYAL			
	vi.	WINDOWS	AGF, MECIDON			
	vii.	LAV. DOORS	AMIR CHAND			
	viii.	LP SHEET	NA			
	ix)	BIO- TOILET	RAIL TECH, OMAX			
10.	10.1	Modification/ Trial (if any):				NIL
	10.2	Deviations (if any):				NIL



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11.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		5224		EC		GS		15473		13-08-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	151059				151058				
	ii.	Frame No.	ASR-487				ASR-471				
	iii.	Axle No.	2655		W-3019		Y-6787		V-9505		
	iv.	Wheel Diameter	917.00	917.00	918.00	918.00	917.50	917.50	917.00	917.00	
	v.	Wheel Disc No.	05794/ 216	08078/ 213	08106/ 250	12044/ 286	06937/ 297	06938/ 227	08946/ 286	07310/22 1	
	vi.	R.B. Nos.	D0767	D0751	F1083	F1095	D0773	D0772	D0752	D0753	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>					PP SIDE			NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.				PEW-E7886,E9050			PEW-E8045,E9126		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORT-0448,0190			ESCORT-0293,0623		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

GS-5224



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5232	DISPATCH DATE:			29.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15475
3.	Booked to	SSE/C&W/SHC				
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			RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NK		
ix)	BIO- TOILET			RAIL TECH, OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		5232	EC	GS	15475	10-08-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	151039				151038			
	ii. Frame No.	ASR-350				ASR-451			
	iii. Axle No.	Y-6618		2650		2771		Y-8009	
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	916.50	916.00	917.00	917.00
	v. Wheel Disc No.	09109/ 295	00060/ 268	09034/ 255	07270/ 285	09127/ 212	03761/ 201	09125/ 272	05596/24 4
	vi. R.B. Nos.	D-0973	D-0968	E-1347	E-1338	E-1352	E-1335	D-0978	D-0958
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			ASSOC-202,223		PEW-E-9157,E-9078		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-5229,5231		GABRIEL-5220,5782		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

GS-5232



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5244	DISPATCH DATE:			31.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15477
3.	Booked to	SSE/C&W/SHC				
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	86/87	
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, MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			AMIT		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5244	ECR	GS	15477	12-08-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150947				150979				
	ii. Frame No.	RBO-1514				ASR-422				
	iii. Axle No.	2775		A-5017		P-2034		02535		
	iv. Wheel Diameter	917.00	917.00	918.00	918.00	918.00	918.00	918.00	918.00	
	v. Wheel Disc No.	03710/ 290	07211/ 246	07302/ 387	03982/ 368	12156/ 225	09001/ 299	07313/ 259	07284/38 0	
	vi. R.B. Nos.	E1270	D-0874	D1049	E1299	D-1061	E-1304	D-1069	D1073	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-12824,12879		PEW-11782,11691		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-5420,5216		GABRIEL-5418,5439		
11.4	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:	5228	DISPATCH DATE:			31.08.2015	
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15474	
3.	Booked to	SSE/C&W/SHC					
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			SAVITRI			
iii.	WATER TANKS			RUBICONE			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			AGF, MECIDON			
vii.	LAV. DOORS			AMIR CHAND			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			RAIL TECH, OMAX			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		5228	ECR	GS	15474	13-08-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150984				151057			
	ii. Frame No.	UBLS-1514				UBLS-1554			
	iii. Axle No.	F-5943		A-5345		RWF-98237		W-3012	
	iv. Wheel Diameter	916.50	916.50	918.00	918.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	08989/ 268	09015/ 226	08105/ 251	07426/ 252	07241/ 211	12042/ 297	09045/ 209	03669/21 2
	vi. R.B. Nos.	D0854	D0834	F1131	F1086	F1111	F1132	F1123	F1133
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			PEW-11757,11774			PEW-13132,13005	
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORT-0496,0438			ESCORT-0244,0363	
11.4	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:	5221	DISPATCH DATE:			25.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15468
3.	Booked to	SSE/C&W/DNR				
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		APEX	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, MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			RAIL TECH, OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		5221		EC		GS		15468		13-08-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	151048				151017				
	ii.	Frame No.	ASR-488				ASR-448				
	iii.	Axle No.	P-9750		A-5850		Y-8416		2716		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	916.50	917.00	917.00	917.00	
	v.	Wheel Disc No.	03691/246	02613/279	09126/255	07245/224	08890/297	09065/202	08090/256	07254/188	
	vi.	R.B. Nos.	D0863	D0861	D0880	D0878	D909	D0967	D0977	D0972	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>					PP SIDE			NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.				PEW-9244,13121			ASSOC-212,154		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORT-10168,0579			GABRIEL-5137,5422		
11.4	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:	5245	DISPATCH DATE:			31.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15479
3.	Booked to	SSE/C&W/SHC				
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/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	--	
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		RUBICONE			
iv.	PVC		RESPONSIVE			
v.	FLOOR BOARD		TAYAL			
vi.	WINDOWS		AGF, MECIDON			
vii.	LAV. DOORS		AMIR CHAND			
viii.	LP SHEET		NA			
ix)	BIO- TOILET		RAIL TECH, OMAX			
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5245	EC	GS	15479	12-08-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151047				151019				
	ii. Frame No.	UBLS-1551				UBLS-1533				
	iii. Axle No.	U-7157		Y-6944		Y-6409		Y-8007		
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	916.50	917.00	
	v. Wheel Disc No.	08086/211	05668/238	07198/254	09000/276	09103/235	08866/242	05765/231	05809/215	
	vi. R.B. Nos.	D-0597	D-0595	D-0964	D-0945	E1268	E1308	D0950	D0951	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
viii. R.B. Type	Direct Mounted Spherical Roller Bearing									
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				ASSOCIATED-222,195		ASSOCIATED-108,171		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-5436,5215		GABRIEL-5272,5440		
11.4	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:	5225	DISPATCH DATE:			29.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15469
3.	Booked to	SSE/C&W/SHC				
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	APEX	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				AMIT
	iv.	PVC				RESPONSIVE
	v.	FLOOR BOARD				TAYAL
	vi.	WINDOWS				AGF, MECIDON
	vii.	LAV. DOORS				AMIR CHAND
	viii.	LP SHEET				LP
	ix)	BIO- TOILET				RAIL TECH, OMAX
10.	10.1	Modification/ Trial (if any):				NIL
	10.2	Deviations (if any):				NIL



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11.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		5225	EC		GS	15469		20-08-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151068				150986				
	ii. Frame No.	UBLS-1539				ASR-421				
	iii. Axle No.	A-5242		Y-7107		Y-6809		Y-6357		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	07343/295	09045/256	07330/247	4081/376	05523/233	07185/317	05715/250	04277/227	
	vi. R.B. Nos.	F1101	F1113	D0718	D0715	F1106	F1092	F1102	F1088	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-E7900,E8038		ASSOC-157,153-		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-0574,0614		ESCORTS-0529,0490		
11.4	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:	5233	DISPATCH DATE:			29.08.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15470
3.	Booked to	SSE/C&W/SHC				
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	APEX	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, RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, AGF, MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			AMIT		
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
		5233	EC		GS		15470		13-08-2015
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150974				151050			
	ii. Frame No.	ASR-409				UBLS-1547			
	iii. Axle No.	S-1754		E-5143		A-4727		RWF-98314	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	03674/ 243	03760/ 256	07346/ 380	12043/ 254	09124/ 227	09054/ 317	09127/ 252	07212/26 3
	vi. R.B. Nos.	D0849	D871	D0759	D0770	D0746	D0739	D0725	D0760
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			PEW-E11735,E11671			ASSOC-233,235	
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-5414,5271			GABRIEL-----	
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

GS-5233