



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5231	DISPATCH DATE:			03.09.2015
	RAILWAY	ECR	Type:	GS	Coach No.:	15481
3.	Booked to	SSE/C&W/DHN				
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	VIB	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, JGF		
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			
		5231	ECR	GS	15481	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.	151037				151033			
	ii. Frame No.	ASR-453				ASR-472			
	iii. Axle No.	2774		3268		02543		F-5222	
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	917.00	917.00	916.00	916.00
	v. Wheel Disc No.	07301/201	07261/259	07251/368	05622/213	08630/370	07023/259	09125/246	09125/255
	vi. R.B. Nos.	D0837	D0840	E1364	E1344	E1316	E1334	D0991	D0948
	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-228,146		ASSOC-180,250		
	ii.	SECONDARY Shock Absorber Make &NO.			GAB-5224,5230		GAB-5187,5166		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5246	DISPATCH DATE:			03.09.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15482
3.	Booked to	SSE/C&W/DHN				
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	VIB	87/86	
	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			
	iii.	WATER TANKS	AMIT			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	TAYAL			
	vi.	WINDOWS	AGF, JGF			
	vii.	LAV. DOORS	AMIR CHAND			
	viii.	LP SHEET	NA			
	ix)	BIO- TOILET	, OMAX			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		5246	ECR	GS	15482	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.	151093				151098			
	ii. Frame No.	ASR-477				ASR-423			
	iii. Axle No.	RWF-98145		Y-7073		V-9657		Y-8561	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.00	916.00
	v. Wheel Disc No.	07320/ 225	07257/ 232	09025/ 247	07357/ 378	08058/ 228	06849/ 289	05998/ 273	06935/22 5
	vi. R.B. Nos.	D0591	D0585	F0812	F0833	F1187	F1152	F1175	F1181
	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.			WSF-06,08		PEW-12325,12323		
	ii.	SECONDARY Shock Absorber Make &NO.			IAI-139970,131665		IAI-139891,139982		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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Version: 05

1.	SHELL No:	5241	DISPATCH DATE:			03.09.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15478
3.	Booked to	SSE/C&W/DHN				
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		VIB	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, MACDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
			5241	ECR	GS	15478	19-08-2015			
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.	150978				150994			
		ii. Frame No.	UBLS-1493				UBLS-1530			
		iii. Axle No.	W-3013		F-5880		P-9719		RWF-105465	
		iv. Wheel Diameter	917.00	917.00	916.00	916.00	917.00	917.00	917.00	917.00
		v. Wheel Disc No.	06877/ 253	08093/ 238	06937/ 216	08985/ 221	03642/ 256	07319/ 227	03926/ 205	03918/22 0
		vi. R.B. Nos.	D-0674	D-0703	D-0714	D-0713	D-0688	D-1103	D-0709	D-0687
		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.				ASSOC-12933,253-		PEW-13058,11752	
		ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-468,388		ESCORTS-427,359	
11.4	12.4	i.	Modification/ Trail (if any):				NIL			
		ii.	Deviations (if any):				NIL			

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Version: 05

1.	SHELL No:	5238	DISPATCH DATE:			04.09.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15480
3.	Booked to	SSE/C&W/DHN				
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, JGF		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			OMAX, RAIL TECH		
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			
		5238	ECR		GS	15480		17-08-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	151069				150946				
	ii.	Frame No.	UBLS-1561				UBLS-1527				
	iii.	Axle No.	Z-7112		Y-8635		A-5392		P-3146		
	iv.	Wheel Diameter	916.00	916.00	916.50	916.00	913.00	913.00	910.00	910.00	
	v.	Wheel Disc No.	17186/ 16294	06459/ 13600	15005/ 16142	52271/ 07448	62712/ 08675	05335/ 14068	16436/ 16685	05342/13 495	
	vi.	R.B. Nos.	E-1532	E1465	D-0981	D-0883	F-1110	F-1124	V-1294	V-1284	
	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-7908,9092		PEW-7904,9261			
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-377,320		IAI-0301,0461			
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				LESS WHEEL DIA					

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Form No. :

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Version: 05

1.	SHELL No:	5248	DISPATCH DATE:			05.09.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15483
3.	Booked to	SSE/C&W/DHN				
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		
7.	Air Brake Testing:					
			Description	Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		VIBGYOR	86/87	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			MANOJ		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, JGF, MECIDONE		
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		
		5248	ECR		GS	15483		25-08-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151106				151105				
	ii. Frame No.	ASR-511				ASR-465				
	iii. Axle No.	V-9831		A-4130		E-6242		Y-8564		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	12084/202	08934/374	06936/226	06663/374	05927/314	06986/250	07264/285	04193/229	
	vi. R.B. Nos.	D0626	D0630	D0645	D0627	F0817	F0831	F0853	F0820	
	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.				AJT-3933,3803		AJT-3584,3716		
	ii.	SECONDARY Shock Absorber Make &NO.				IAI-140031,139963		ESCORTS-4679,4842		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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Version: 05

1.	SHELL No:	5247	DISPATCH DATE:			07.09.2015	
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15485	
3.	Booked to	SSE/C&W/DHN					
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			
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			MANOJ			
iii.	WATER TANKS			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			AGF, JGF, MECIDONE			
vii.	LAV. DOORS			AMIR CHAND			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			AMIT, 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					
			5247	ECR	GS	15485	24-08-2015					
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.	151094				150987					
		ii. Frame No.	ASR-508				ASR-424					
		iii. Axle No.	11493		A-3667		W-2673		Y-6133			
		iv. Wheel Diameter	918.00	918.00	918.00	918.00	916.00	916.00	916.50	916.50		
		v. Wheel Disc No.	07282/ 272	08069/ 384	09040/ 286	05908/ 237	07161/ 287	06964/ 238	05969/ 231	07301/22 4		
		vi. R.B. Nos.	F1166	F1167	F1156	F1188	F1013	D0603	F1173	F1182		
		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.				PEW-11754,13130			PEW-E13010,E11791		
		ii.	SECONDARY Shock Absorber Make &NO.				IAI-140066,139905			IAI-131680,140036		
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:	5242	DISPATCH DATE:			10.09.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15487
3.	Booked to	SSE/C&W/DHN				
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	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			MANOJ		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, JGF		
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			
		5242	ECR	GS	15487	27-08-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	151118				151121			
	ii. Frame No.	UBLS-1379				ASR-531			
	iii. Axle No.	Y-6858		A-5098		A-5634		RWF-98754	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	07341/282	08093/208	03695/344	08074/387	07204/264	06932/211	09125/386	09121/263
	vi. R.B. Nos.	F1019	F1005	F0983	F0974	F0992	F0973	F0996	F0985
	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.			AJT-3918,3929		ASSOC-512,511		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORT-4634,4038		ESCORT-4463,4680		
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:	5227	DISPATCH DATE:			09.09.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15488
3.	Booked to	SSE/C&W/DHN				
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			
7.	Air Brake Testing:					
	Description			Specified		
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm2	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec	No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec	Brakes "ON"		
	7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"		
	7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	VIBGYOR	86/85	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	MANOJ			
	iii.	WATER TANKS	AMIT			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	TAYAL			
	vi.	WINDOWS	AGF, JGF, MECIDONE			
	vii.	LAV. DOORS	AMIR CHAND			
	viii.	LP SHEET	NA			
	ix)	BIO- TOILET	RAIL TECH+RAILFAB			
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			
		5227	EC	SCN	15488	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.	151087				150995			
	ii. Frame No.	ASR-447				RBO-1541			
	iii. Axle No.	A-5685		S-1735		Y-6992		Y-6718	
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	09009/ 205	12046/ 388	08093/ 259	03690/ 281	07263/ 368	06736/ 240	07359/ 268	04195/29 5
	vi. R.B. Nos.	D0975	D0576	F1004	F1022	D0813	D0828	F1012	F0990
	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-140,141		ASSOC-167,111		
	ii.	SECONDARY Shock Absorber Make &NO.			IAI-131620,139893		IAI-139968,131611		
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:	5250	DISPATCH DATE:			08.09.2015	
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15490	
3.	Booked to	SSE/C&W/DHN					
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			
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			MANOJ			
iii.	WATER TANKS			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			AGF, JGF,			
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				
		5250	EC	GS	15490	25-08-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	151113				151112			
	ii.	Frame No.	ASR-484				ASR-513			
	iii.	Axle No.	C-1210		F-5865		F-5887		A-5612	
	iv.	Wheel Diameter	916.50	917.00	917.00	917.00	916.50	917.00 917.00	917.00	
	v.	Wheel Disc No.	07254/ 259	10743/ 285	07212/ 384	06984/ 213	08069/ 295	09136/ 364	05943/ 246	03710/28 2
	vi.	R.B. Nos.	E1370	E1411	E1423	E1382	E1381	E1407	E1393	E1420
	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.				AJT-3949,3782		AJT-3792,3956		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORT-4488,4752		ESCORT-4626,4733		
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:	5251	DISPATCH DATE:			09.09.2015	
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15491	
3.	Booked to	SSE/C&W/DHN					
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		1103/1104	1104/1104		
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		VIBGYOR	86/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORT			
ii.	SEAT & BERTH			MANOJ			
iii.	WATER TANKS			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			AGF, MECIDONE			
vii.	LAV. DOORS			AMIR CHAND			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			RAIL TECH,RAIL FAB			
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					
			5251	EC	SCN	15491	25-08-2015					
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.	151115				151114					
		ii. Frame No.	ASR-537				ASR-525					
		iii. Axle No.	A-4557		A-3624		Y-6595		F-5401			
		iv. Wheel Diameter	916.50	916.00	916.50	916.00	916.00	916.00	917.00	917.00		
		v. Wheel Disc No.	07215/202	08060/205	08063/260	08079/283	03706/255	07360/377	68107/240	08072/264		
		vi. R.B. Nos.	E1623	E1591	E0999	E1621	E1602	E1598	E1595	E1588		
		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.				AJT-3872,3581			AJT-3873,3879		
		ii.	SECONDARY Shock Absorber Make &NO.				ESCORT-4667,4486			ESCORT-4466,4668		
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:	5249	DISPATCH DATE:			09.09.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15489
3.	Booked to	SSE/C&W/DHN				
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			
7.	Air Brake Testing:					
	Description			Specified		
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm2	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec	No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec	Brakes "ON"		
	7.4	Passenger alarm by pulling chain	BP Blasts out, Brakes "ON"			
	7.5	Piston stroke for BMBC type coach only	19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	VIBGYOR	86/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	MANOJ			
	iii.	WATER TANKS	AMIT			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	TAYAL			
	vi.	WINDOWS	AGF, JGF, MECIDONE			
	vii.	LAV. DOORS	AMIR CHAND			
	viii.	LP SHEET	NA			
	ix)	BIO- TOILET	OMAX			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5249	EC	SCN	15489	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.	151095				150983				
	ii. Frame No.	ASR-509				ASR-419				
	iii. Axle No.	C-1993		F-5286		F-5917		A-3692		
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	08067/285	11970/267	08250/238	07289/263	08941/225	12056/240	10321/297	08068/281	
	vi. R.B. Nos.	D0798	D0783	D0581	F1183	F1017	F1011	F1025	F0978	
	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-E12865,E13045			PEW-E12841,E12861		
	ii.	SECONDARY Shock Absorber Make &NO.			IAI-140048,139975			IAI-139942,139888		
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:	5243	DISPATCH DATE:			08.09.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15486
3.	Booked to	SSE/C&W/DHN				
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)			jis		
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	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			MANOJ		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, JGF,		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			RAIL TECH+RAIL FAB		
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		
		5243	EC		GS	15486		01-09-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151136				151135				
	ii. Frame No.	ASR-547				ASR-557				
	iii. Axle No.	F-5890		Y-6920		Y-6412		Y-7793		
	iv. Wheel Diameter	916.50	916.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	08010/264	06928/212	08060/201	08069/233	09738/258	08061/218	02407/230	08081/378	
	vi. R.B. Nos.	E1198	E1203	D0782	D0955	D1067	D1089	E1178	E1164	
	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.			AJT-3878,3977		AJT-3590,3939			
	ii.	SECONDARY Shock Absorber Make &NO.			IAI-139964,139965		IAI-140067,139974			
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:	5236	DISPATCH DATE:			03.09.2015
2.	RAILWAY	ECR	Type:	GS	Coach No.:	15484
3.	Booked to	SSE/C&W/DHN				
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	VIB	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,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF, JGF,MACDON		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			AMIT, 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		
		5236	EC		GS	15484		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.	150971				150964				
	ii. Frame No.	UBLS-1490				UBLS-1531				
	iii. Axle No.	W-2591		Y-7007		A-3938		A-4462		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	09127/ 240	09047/ 218	05573/ 222	07250/ 254	08952/ 212	07710/ 272	09043/ 275	03639/25 7	
	vi. R.B. Nos.	D-0727	D-0756	D-0752	D-0757	D-0875	D-0748	D-0732	D-0726	
	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-1068,1098		PEW-11853,12858			
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-5133,5139		GABRIEL-5149,5219			
11.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			NIL					

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