



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4001	DISPATCH DATE:		01.12.2014		
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	143230	
3.	Booked to	SSE/C&W/FZR					
4.	Tare Weight of Coach :	38.03					
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage:	NIL
6.	Shell Details: SE90017						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator		4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)				
ii)	Maximum length over Body		21337 ± 10				
iii)	Maximum length over Buffer		22297 ± 15				
iv)	Maximum width over Body		3245 ± 5				
v)	Maximum width over Flasher light		3402 +0/-5				
vi)	Minimum height above rail level to the lowest fitting		181.5				
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1102/1103	1104/1104			
viii)	Buffer/CBC (Make)		REPL				
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			SIL			
ii.	SEAT & BERTH			SUKATA			
iii.	WATER TANKS			RUBICONE			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			ABC, MECIDON			
vii.	LAV. DOORS			RCF, SAVITRI			
viii.	LP SHEET			LP			
ix)	BIO- TOILET			DARSHAN			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		4001	NR	SCN	143230	21-11-2014					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	141477				141479				
	ii.	Frame No.	ASR-642				ASR-639				
	iii.	Axle No.	9835		7966		8073		105955/463		
	iv.	Wheel Diameter	916.50	916.00	910.00	910.00	909.00	909.00	909.00	909.00	
	v.	Wheel Disc No.	55747/07458	49280/06565	19041/16771	15066/14142	28117/16013	27966/15580	10857/14162	28582/03544	
	vi.	R.B. Nos.	R-160	T-2436	Y-1566	Y-1553	R-44	R-04	S-667	S-478	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)					KNORR-BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					LESS WHEEL DIA				

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Version: 05

1.	SHELL No:	4002	DISPATCH DATE:			24.11.2014
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	143228
3.	Booked to	SSE/C&W/FZR				
4.	Tare Weight of Coach :	38.03				
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage: NIL
6.	Shell Details: SE90017					
	6.1	Leading Dimensions;				
	i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
	ii)	Maximum length over Body	21337 ± 10			
	iii)	Maximum length over Buffer	22297 ± 15			
	iv)	Maximum width over Body	3245 ± 5			
	v)	Maximum width over Flasher light	3402 +0/-5			
	vi)	Minimum height above rail level to the lowest fitting	181.5			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1100	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			SIL	
	ii.	SEAT & BERTH			SUKATA	
	iii.	WATER TANKS			RUBICONE	
	iv.	PVC			RESPONSIVE	
	v.	FLOOR BOARD			TAYAL	
	vi.	WINDOWS			ABC, MECIDON	
	vii.	LAV. DOORS			RCF, AMIR CHAND	
	viii.	LP SHEET			LP	
	ix)	BIO- TOILET			DARSHAN	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



12.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			4002	NR	SCN	143228	18.11.2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	141465				141464			
	ii.	Frame No.	ASR-584				ASR-633			
	iii.	Axle No.	9836		849		P-1997		Y-8445	
	iv.	Wheel Diameter	912.00	912.00	915.00	915.00	916.50	916.50	916.50	916.00
	v.	Wheel Disc No.	53164/ 07364	53168/ 07364	56400/ 07581	56333/ 07581	48256/ 05459	53017/ 07201	57702/ 08139	57759/08 139
	vi.	R.B. Nos.	S503	S485	S496	S445	S-1721	R-106	R-141	R-145
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)					PEW			
	ii.	SECONDARY Shock Absorber (Make)					K/B			
12.4	i.	Modification/ Trail (if any):					NIL			
	ii.	Deviations (if any):					LESS WHEEL DIA.			

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1.	SHELL No:	4007	DISPATCH DATE:			26.11.2014
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	142331
3.	Booked to	SSE/C&W/FZR				
4.	Tare Weight of Coach :	38.03				
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage: NIL
6.	Shell Details: SE90017					
	6.1	Leading Dimensions;				
	i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
	ii)	Maximum length over Body	21337 ± 10			
	iii)	Maximum length over Buffer	22297 ± 15			
	iv)	Maximum width over Body	3245 ± 5			
	v)	Maximum width over Flasher light	3402 +0/-5			
	vi)	Minimum height above rail level to the lowest fitting	181.5			
	vii)	Buffer/CBC Height	Specified : 1104 +0/-10 mm	1104/1103	1104/1104	
	viii)	Buffer/CBC (Make)	JLS			
	ix)	Draw Gear (Make)	EMSON			
7.	Air Brake Testing:					
		Description	Specified			
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm2	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec	No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec	Brakes "ON"		
	7.4	Passenger alarm by pulling chain	BP Blasts out, Brakes "ON"			
	7.5	Piston stroke for BMBC type coach only	19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	VIBGYOR	85/86	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	SIL			
	ii.	SEAT & BERTH	SUKATA			
	iii.	WATER TANKS	RUBICONE			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	TAYAL			
	vi.	WINDOWS	ABC, MECIDON			
	vii.	LAV. DOORS	SAVITRI, AMIR CHAND			
	viii.	LP SHEET	LP			
	ix)	BIO- TOILET	DARSHAN			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		4007	NR		SCN		142331		21-11-2014		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	141483					141480			
	ii.	Frame No.	ASR-659					ASR-571			
	iii.	Axle No.	Y-7737		S-7455		9192		2167		
	iv.	Wheel Diameter	916.00	916.00	911.00	911.00	910.00	910.00	909.00	909.00	
	v.	Wheel Disc No.	08062/ 252	07097/ 230	03774/ 220	03792/ 244	06945/ 360	06270/ 373	04095/ 232	00716/37 2	
	vi.	R.B. Nos.	R-40	R-306	R-212	R-53	T-1466	T-967	S-450	S-743	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL,K/B				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					LESS WHEEL DIA				

SCN-4007



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4004	DISPATCH DATE:		02.12.2014		
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	143233	
3.	Booked to	SSE/C&W/FZR					
4.	Tare Weight of Coach :	38.03					
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage:	NIL
6.	Shell Details: SE90017						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)					
ii)	Maximum length over Body	21337 ± 10					
iii)	Maximum length over Buffer	22297 ± 15					
iv)	Maximum width over Body	3245 ± 5					
v)	Maximum width over Flasher light	3402 +0/-5					
vi)	Minimum height above rail level to the lowest fitting	181.5					
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104			
viii)	Buffer/CBC (Make)	REPL					
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	SIL					
ii.	SEAT & BERTH	SUKATA					
iii.	WATER TANKS	RUBICONE					
iv.	PVC	RESPONSIVE					
v.	FLOOR BOARD	TAYAL					
vi.	WINDOWS	ABC, MECIDON					
vii.	LAV. DOORS	SAVITRI, AMIR CHAND					
viii.	LP SHEET	LP					
ix)	BIO- TOILET	DARSHAN					
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		4004	NR	SCN	143233	21-11-2014					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	141482				141478				
	ii.	Frame No.	ASR-343				ASR-624				
	iii.	Axle No.	48767		RWF-10545		A-4961		8119		
	iv.	Wheel Diameter	917.00	917.00	916.50	917.00	916.00	916.00	916.50	917.00	
	v.	Wheel Disc No.	07113/275	06972/209	09021/247	09056/306	08066/224	07244/221	09066/246	08940/250	
	vi.	R.B. Nos.	R-217	T-644	R-47	R-125	R-240	R-52	R-36	R-250	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4011	DISPATCH DATE:		04.12.2014		
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	143232	
3.	Booked to	SSE/C&W/FZR					
4.	Tare Weight of Coach :	38.03					
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage:	NIL
6.	Shell Details: SE90017						
	6.1	Leading Dimensions;					
	i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)				
	ii)	Maximum length over Body	21337 ± 10				
	iii)	Maximum length over Buffer	22297 ± 15				
	iv)	Maximum width over Body	3245 ± 5				
	v)	Maximum width over Flasher light	3402 +0/-5				
	vi)	Minimum height above rail level to the lowest fitting	181.5				
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1102		
	viii)	Buffer/CBC (Make)	REPL				
	ix)	Draw Gear (Make)	EMSON				
7.	Air Brake Testing:						
		Description	Specified				
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
			Brake release time to reach .4 Kg/cm ²	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec	No brake application			
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec	Brakes "ON"			
	7.4	Passenger alarm by pulling chain	BP Blasts out, Brakes "ON"				
	7.5	Piston stroke for BMBC type coach only	19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	VIBGYOR	85/86		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	Make ESCORTS				
	ii.	SEAT & BERTH	SUKATA				
	iii.	WATER TANKS	RUBICONE				
	iv.	PVC	RESPONSIVE				
	v.	FLOOR BOARD	TAYAL				
	vi.	WINDOWS	ABC, MECIDON				
	vii.	LAV. DOORS	RCF				
	viii.	LP SHEET	LP				
	ix)	BIO- TOILET	M K PRECISION				
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4011	NR	SCN	143232	22-11-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141491				141475			
	ii.	Frame No.	ASR-646				ASR-597			
	iii.	Axle No.	W-2940		5595		3998		5728	
	iv.	Wheel Diameter	912.00	912.00	910.00	910.00	909.00	909.00	912.00	912.00
	v.	Wheel Disc No.	41482/ 03604	41696/ 03624	03404/ 12547	62675/ 10945	62888/ 10845	62979/ 11435	46457/ 05721	44425/04 150
	vi.	R.B. Nos.	R-63	R-62	Y-1670	Y-1625	S-1113	R-237	R-224	R-265
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				LESS WHEEL DIA				

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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4009	DISPATCH DATE:			04.12.2014
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	143227
3.	Booked to	SSE/C&W/FZR				
4.	Tare Weight of Coach :	38.03				
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage: NIL
6.	Shell Details: SE90017					
	6.1	Leading Dimensions;				
	i)	Maximum height above rail to top of Roof ventilator	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
	ii)	Maximum length over Body	21337 ± 10			
	iii)	Maximum length over Buffer	22297 ± 15			
	iv)	Maximum width over Body	3245 ± 5			
	v)	Maximum width over Flasher light	3402 +0/-5			
	vi)	Minimum height above rail level to the lowest fitting	181.5			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1100`	
	viii)	Buffer/CBC (Make)	REPL			
	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 SIL	
	ii.	SEAT & BERTH			SUKATA	
	iii.	WATER TANKS			RUBICONE	
	iv.	PVC			RESPONSIVE	
	v.	FLOOR BOARD			TAYAL	
	vi.	WINDOWS			ABC, MECIDON	
	vii.	LAV. DOORS			RCF, SAVITRI	
	viii.	LP SHEET			LP	
	ix)	BIO- TOILET			DARSHAN	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date			
		4009	NR		SCN	143227	18.11.2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141463				141466			
	ii.	Frame No.	ASR-627				ASR-576			
	iii.	Axle No.	7574		Y-6179		9902		Y-7008	
	iv.	Wheel Diameter	909.00	909.00	910.00	910.00	915.00	915.00	915.00	915.00
	v.	Wheel Disc No.	56390/ 07581	56405/ 07581	36261/ 03027	41499/ 03604	55744/ 07458	55728/ 07458	28200/ 16974	56399/07 581
	vi.	R.B. Nos.	V1759	V1731	T3460	S848	S-417	S-415	S-505	S-646
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL ,K/B				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				LESS WHEEL DIA.				

SCN-4009



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4003	DISPATCH DATE:			04.12.2014
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	143229
3.	Booked to	SSE/C&W/FZR				
4.	Tare Weight of Coach :	38.03				
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage: NIL
6.	Shell Details: SE90017					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			181.5		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1100`	
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			SIL		
ii.	SEAT & BERTH			SUKATA		
iii.	WATER TANKS			RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, MECIDON		
vii.	LAV. DOORS			RCF, SAVITRI		
viii.	LP SHEET			LP		
ix)	BIO- TOILET			DARSHAN		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4003	NR	SCN	143229	19/11/2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141461				141457			
	ii.	Frame No.	ASR-551				ASR-631			
	iii.	Axle No.	9838		RWF-98355		0745		RWF-92029	
	iv.	Wheel Diameter	917.00	917.00	915.00	915.00	916.00	916.00	916.50	916.50
	v.	Wheel Disc No.	57752/ 08138	55717/ 07458	59124/ 03099	58998/ 04244	57661/ 08139	56623/ 07661	55706/ 07458	58705/07 458
	vi.	R.B. Nos.	R78	R143	V1667	V1672	S610	R120	R103	R602
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				PEW				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

SCN-4003