



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6102	DISPATCH DATE:			25.10.16
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	163261
3.	Booked to	SSE/C&W/ DLI				
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		1104/1098	1104/1104	
viii)	Buffer/CBC (Make)			HEPL		
ix)	Draw Gear (Make)			RK		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		NAROLAK	85/86	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			AMIR CHAND		
iii.	WATER TANKS			RAIL FAB,AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi	UIC VESTIBULE			KRP		
vii	WINDOWS			,ABC, MECIDON		
viii	LAV. DOORS			TWPL		
ix)	LP SHEET			PL		
x)	BIO- TOILET			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			
		6102	NR		SCN	163261		20-10-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	161055				161057				
	ii.	Frame No.	ASR-608				ASR-614				
	iii.	Axle No.	J-9098		M-9158		F-5906		5195		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	916.50	916.00	917.00	917.00	
	v.	Wheel Disc No.	20056/393	20135/392	19667/245	20053/395	18566/396	20056/336	19584/206	12044/272	
	vi.	R.B. Nos.	F3449	F3423	F3555	F3536	F3891	F3856	F3842	F3874	
	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-1584,1570		AJTECH-144,146			
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-6583,6845		GABRIEL-6819,6650			
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					



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Version: 05

1.	SHELL No:	6103	DISPATCH DATE:			26.11.16
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	163262
3.	Booked to	SSE/C&W/ DLI				
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)			HEPL		
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		NAROLAK	86/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			AMIR CHAND		
iii.	WATER TANKS			AMIT,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi	UIC VESTIBULE			KRP		
vii	WINDOWS			ABC, MECIDON,		
viii	LAV. DOORS			TWPL		
ix)	LP SHEET			--		
x)	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
		6103	NR		WGSCN		163262		19-10-2016
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	161114				161111			
	ii. Frame No.	UBLS-2100				ASR-563			
	iii. Axle No.	V-9596		P-3446		3830		S-8734	
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	19726/321	20122/239	18638/341	19570/393	19548/380	19559/202	19539/282	19551/313
	vi. R.B. Nos.	F3418	F3846	F3859	F3862	F3854	F3870	F3839	F3852
	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.			AJTECH-137,157		AJTECH-184,182		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-6680,6737		GABRIEL-6660,6650		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

WGSCN-6103



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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6106	DISPATCH DATE:			09.11.16
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	163265
3.	Booked to	SSE/C&W/ LKO				
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)			ATUL		
ix)	Draw Gear (Make)			RK		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		NAROLAK	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			SAVITRY		
iii.	WATER TANKS			,AMIT,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi	UIC VESTIBULE			KRP		
vii	WINDOWS			,ABC, MECIDON,		
viii	LAV. DOORS			TWPL		
ix)	LP SHEET			--		
x)	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	
		6106	NR		WGSCN		163265		27-10-2016	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	161082				161077				
	ii. Frame No.	ASR-708				ASR-680				
	iii. Axle No.	4959		1403		M-7981		M-8408		
	iv. Wheel Diameter	917.00	917.00	916.50	916.00	917.00	917.00	916.00	916.00	
	v. Wheel Disc No.	35526/02908	35814/03182	36105/03026	26921/01819	35446/02959	36315/02773	36076/03063	36108/03026	
	vi. R.B. Nos.	G2443	G2460	G2281	G2280	F3306	F3301	G2283	G2279	
	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-13092,1596		PEW-1604,1635		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS - 6180,5681		GABRIEL-4272,4278		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

WGSCN-6106



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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6104	DISPATCH DATE:			10.11.16		
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	163267		
3.	Booked to		SSE/C&W/ LKO					
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)			ATUL				
ix)	Draw Gear (Make)			RK				
7.	Air Brake Testing:							
	Description			Specified				
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)				
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)				
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application				
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"				
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"					
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)					
8.	PAINTING DEATAILS:							
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE			
8.1	PAINT	PU PAINT		NAROLAK	85/85			
8.2	APPLICATION OF PCN-123		SATISFACTORY					
8.3	INSUALTION		SATISFACTORY					
9.	Traceability of Furnishing Items:			Make				
i.	BRAKE EQUIPMENT			KBI				
ii.	SEAT & BERTH			SAVITRY				
iii.	WATER TANKS			,AMIT,RAIL FAB				
iv.	PVC			RESPONSIVE				
v.	FLOOR BOARD			TWPL				
vi	UIC VESTIBULE			KRP				
vii	WINDOWS			,ABC, MECIDON,				
viii	LAV. DOORS			TWPL				
ix)	LP SHEET			--				
x)	BIO- TOILET			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				
		6104	NR	WGSCN	163767	26-10-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	161164				161145				
	ii. Frame No.	ASR-782				ASR-515				
	iii. Axle No.	J-2781		K-5330		J-2929		M-9657		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	35654/ 03248	35855/ 03182	36040/ 03063	36111/ 03026	24000/ 00896	35805/ 03182	35251/ 03327	32901/03 452	
	vi. R.B. Nos.	G2473	G2465	G2434	G2472	G2449	F3325	G2446	G2483	
	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-10199,10152		PEW-10117,10525		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL -4277,4720		GABRIEL-4725,4713		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

WGSCN-6104



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6107	DISPATCH DATE:			10.11.16
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	163266
3.	Booked to	SSE/C&W/ LKO				
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)			HEPL,JLS		
ix)	Draw Gear (Make)			RK		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		NAROLAK	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:				Make	
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi	UIC VESTIBULE			KRP		
vii	WINDOWS			ABC, MECIDON,		
viii	LAV. DOORS			TWPL		
ix)	LP SHEET			--		
x)	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	
		6107	NR		WGSCN		163266		28-10-2016	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	161079				161105				
	ii. Frame No.	ASR-604				RBO-2224				
	iii. Axle No.	4755		V-9332		5191		S-8052		
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00	
	v. Wheel Disc No.	19776/342	20098/352	20720/322	08850/224	20087/219	19788/391	20097/225	20048/343	
	vi. R.B. Nos.	F-3747	F3781	F3349	F3731	G2370	G2354	G2332	G2331	
	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-1564,1568		AJTECH-34,160			
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-4769,4486		GABRIEL-4297,4485			
11.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			NIL					

WGSCN-6107



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6105	DISPATCH DATE:			10.11.2016
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	163264
3.	Booked to	SSE/C&W/DLI				
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)					
ix)	Draw Gear (Make)					
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		NEROLAC	85/86	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:				Make	
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi	UIC VESTIBULE			KRP		
vii	WINDOWS			ABC, MECIDON		
viii	LAV. DOORS			TWPL		
ix)	LP SHEET			--		
x)	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		
		6105	NR		WGSCN		163264		27-10-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	161152				161132					
	ii. Frame No.	ASR-804				ASR-588					
	iii. Axle No.	P-3479		3855		5044		3828			
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	917.00	917.00		
	v. Wheel Disc No.	19830/394	19550/397	20106/340	19569/229	20064/397	19707/380	19569/395	19569/244		
	vi. R.B. Nos.	F3884	F3887	G2431	G2427	F3598	F3586	F3272	G2418		
	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.				AJTECH-103,139		AJTECH-3894,3923			
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-6166,6191		ESCORTS-5824,6194			
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

WGSCN-6105



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6108	DISPATCH DATE:			16.11.2016
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	163268
3.	Booked to	SSE/C&W/LKO				
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)					
ix)	Draw Gear (Make)					
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		NEROLAC	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:				Make	
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi	UIC VESTIBULE			KRP		
vii	WINDOWS			ABC, MECIDON		
viii	LAV. DOORS			TWPL		
ix)	LP SHEET			PL		
x)	BIO- TOILET			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				
		6108	NR	WGSCN	163268	12-11-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	161138				161199				
	ii. Frame No.	UBLS-2212				ASR-734				
	iii. Axle No.	5250		S-8277		M-9931		M-9747		
	iv. Wheel Diameter	917.50	917.50	918.00	918.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	19555/395	19580/333	02414/3111	19581/325	19906/311	19912/205	19901/398	19589/320	
	vi. R.B. Nos.	G2380	G2382	G0481	G0438	G0303	G0273	G0292	G0286	
	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-10313,10243		PEW-10451,10226		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-6639,6421		GABRIEL-4573,4568		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

WGSCN-6108



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6101	DISPATCH DATE:			03.11.16
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	163263
3.	Booked to	SSE/C&W/ DLI				
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)			HEPL		
ix)	Draw Gear (Make)			RK		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"		
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		NAROLAK	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:				Make	
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			SAVITRY		
iii.	WATER TANKS			,AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi	UIC VESTIBULE			KRP		
vii	WINDOWS			,ABC, MECIDON,AGF		
viii	LAV. DOORS			TWPL		
ix)	LP SHEET			--		
x)	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					
		6101	NR	GSLRD	163708	02-11-2016					
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	161143				161181				
	ii.	Frame No.	RBO-2208				RBO-2216				
	iii.	Axle No.	K-8863		S-8293		S-8818		K-5553		
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00	
	v.	Wheel Disc No.	20056/ 241	21474/ 214	18143/ 241	19756/ 398	12170/ 202	12130/ 202	20045/ 338	18139/29 6	
	vi.	R.B. Nos.	G2493	G2506	G2532	G2528	G2333	G2344	G2531	G2535	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	Items Traceability:				PP SIDE			NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-10184,10145			PEW-NIL,10310		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-6837,6808			GABRIEL-6338,6607		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

