



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4106	DISPATCH DATE:			23.04.2015	
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	153201	
3.	Booked to	SSE/C&W/MB					
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)	HEPL				
	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:						
	i.	BRAKE EQUIPMENT	Make FAIVELEY				
	ii.	SEAT & BERTH	SAVITRI				
	iii.	WATER TANKS	AMIT, RAIL FAB				
	iv.	PVC	RESPONSIVE				
	v.	FLOOR BOARD	TAYAL				
	vi.	UIC VESTIBULE	ESCORTS				
	vii.	WINDOWS	MECIDON				
	viii.	LAV. DOORS	DHINJAN				
	ix)	LP SHEET	NA				
	x)	BIO- TOILET	OASIS				
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



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12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4106		NR		WGSCN		153201		06-04-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side					NPP Side			
	i.	Bogie No.	150398					150400			
	ii.	Frame No.	ASR-18					ASR-28			
	iii.	Axle No.	RWF-92002		U-8572		A-4768		N-7233		
	iv.	Wheel Diameter	915.00	915.00	915.00	915.00	918.00	917.50	915.00	915.00	
	v.	Wheel Disc No.	11999/ 15571	12184/ 14227	06766/ 12172	60785/ 08510	11980/ 15571	12196/ 14227	12176/ 14227	11988/15 571	
	vi.	R.B. Nos.	M-3229	M-3200	M3017	M-2984	L-3204	L-3043	L-2961	L-3008	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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1.	SHELL No:	4108	DISPATCH DATE:			24.04.2015
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	153207
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		1103/1104	
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/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:					
i.	BRAKE EQUIPMENT	Make				FAIVELEY
ii.	SEAT & BERTH	Make				OVPL
iii.	WATER TANKS	Make				AMIT
iv.	PVC	Make				RESPONSIVE
v.	FLOOR BOARD	Make				TAYAL
vi.	UIC VESTIBULE	Make				KRP
vii.	WINDOWS	Make				ABC, MECIDON
viii.	LAV. DOORS	Make				DHINJAN, JR
ix)	LP SHEET	Make				NA
x)	BIO- TOILET	Make				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	
		4108		NR		WGSCN		153207		06-04-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150393					150392			
	ii.	Frame No.	RBO-1327					ASR-1052			
	iii.	Axle No.	A-3757		9512		A-3530		W-3035		
	iv.	Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	05928/ 13448	05938/ 13448	06393/ 13600	06030/ 13448	11853/ 15529	12091/ 14227	11848/ 15529	12061/15 571	
	vi.	R.B. Nos.	M0654	M0699	M3129	M3099	917.00	917.00	917.00	917.00	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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1.	SHELL No:	4112	DISPATCH DATE:			24.04.2015
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	153204
3.	Booked to	SSE/C&W/MB				
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	APEX	85/86	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make FAIVELEY			
	ii.	SEAT & BERTH	OVPL			
	iii.	WATER TANKS	AMIT			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	TAYAL			
	vi.	UIC VESTIBULE	KRP			
	vii.	WINDOWS	MECIDON			
	viii.	LAV. DOORS	DHINJAN, JR			
	ix)	LP SHEET	NA			
	x)	BIO- TOILET	OASIS			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4112		NR		WGSCN		153204		07-04-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150405				150406				
	ii.	Frame No.	UBLS-1338				UBLS-1341				
	iii.	Axle No.	A-4867		K-9865		A-4065		10154		
	iv.	Wheel Diameter	916.00	916.00	915.00	915.00	918.00	918.00	917.50	917.00	
	v.	Wheel Disc No.	11925/ 15529	12077/ 15571	12006/ 15571	12072/ 15571	09376/ 13353	60821/ 08510	60860/ 08510	06449/13 600	
	vi.	R.B. Nos.	L-2996	L-2984	L-2821	L-3013	A-0298	A-0258	A-1473	A-0259	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4113	DISPATCH DATE:			25.04.2015
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	153209
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			
	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	85/85	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT		Make FAIVELEY		
	ii.	SEAT & BERTH		OVPL		
	iii.	WATER TANKS		AMIT		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		TAYAL		
	vi	UIC VESTIBULE		KRP		
	vii	WINDOWS		ABC, MECIDON		
	viii	LAV. DOORS		DHINJAN		
	ix)	LP SHEET		NA		
	x)	BIO- TOILET		WAHI SONS, 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	
		4113		NR		WGSCN		153209		02-04-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150365					150366			
	ii.	Frame No.	1075-ASR					ASR-1024			
	iii.	Axle No.	Z-7624		P-5977		10044		10136		
	iv.	Wheel Diameter	916.00	916.00	915.00	915.00	916.50	916.00	915.00	915.00	
	v.	Wheel Disc No.	05990/ 13448	09904/ 13966	05073/ 13830	05972/ 13448	09016/ 13204	08884/ 13204	08964/ 13204	05935/13 448	
	vi.	R.B. Nos.	A-1216	A-0975	J-2043	J-2041	A-0375	A-0889	A-0968	A0-891	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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Form No. :

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1.	SHELL No:	4114	DISPATCH DATE:			27.04.2015
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	153208
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	1102/1104		
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/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:					
i.	BRAKE EQUIPMENT		Make FAIVELEY			
ii.	SEAT & BERTH		OVPL			
iii.	WATER TANKS		AMIT, RAIL FAB			
iv.	PVC		RESPONSIVE			
v.	FLOOR BOARD		TAYAL			
vi.	UIC VESTIBULE		KRP			
vii.	WINDOWS		MECIDON			
viii.	LAV. DOORS		DHINJAN			
ix)	LP SHEET		NA			
x)	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	
		4114		NR		WGSCN		153208		07-04-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150407				150408				
	ii.	Frame No.	UBLS-1329				UBLS-1342				
	iii.	Axle No.	A-3546		A-3554		U-4923		M-3749		
	iv.	Wheel Diameter	917.00	917.00	916.50	916.50	911.00	911.00	911.00	911.00	
	v.	Wheel Disc No.	12179/ 14227	12041/ 15571	11953/ 15571	11946/ 15571	12165/ 14227	11962/ 15571	12000/ 15571	12215/14 227	
	vi.	R.B. Nos.	L-2997	L-2995	L-2839	L-2833	M-3233	M-3236	L-2842	L-2976	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					LESS WHEEL DIA				
	ii.	Deviations (if any):					NIL				

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Form No. :

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1.	SHELL No:	4110	DISPATCH DATE:			27.04.2015
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	153210
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		
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			FAIVELEY		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			ESCORTS		
vii.	WINDOWS			MECIDON		
viii.	LAV. DOORS			DHINJAN		
ix)	LP SHEET			NA		
x)	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	
		4110	NR		WGSCN		153210		04-04-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side					NPP Side			
	i. Bogie No.	150391					150389			
	ii. Frame No.	UBLS-1319					ASR-950			
	iii. Axle No.	U-5051		Z-6703		A-4105		P-5951		
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	917.00	917.00	918.00	917.50	
	v. Wheel Disc No.	12183/ 14227	12064/ 15571	12015/ 15571	12147/ 14227	08809/ 13172	08814/ 13172	05974/ 13442	04854/13 975	
	vi. R.B. Nos.	M2752	M3021	M3193	M3205	J1881	J1845	J1852	J1884	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)					PEW			
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):					NIL			
	ii.	Deviations (if any):					NIL			

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4111	DISPATCH DATE:			27.04.2015
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	153202
3.	Booked to	SSE/C&W/MB				
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)	HE				
ix)	Draw Gear (Make)	RK, EMSON				
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm ²	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec	No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec	Brakes "ON"			
7.4	Passenger alarm by pulling chain	BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only	19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:					
		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT	APEX	85/86		
8.2	APPLICATION OF PCN-123	SATISFACTORY				
8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT	Make FAIVELEY				
ii.	SEAT & BERTH	OVPL				
iii.	WATER TANKS	RAIL FAB				
iv.	PVC	RESPONSIVE				
v.	FLOOR BOARD	NARBADA				
vi.	UIC VESTIBULE	ESCORTS				
vii.	WINDOWS	MECIDON				
viii.	LAV. DOORS	DHINJAN				
ix)	LP SHEET	NA				
x)	BIO- TOILET	M K PRECISION, OASIS				
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4111		NR		WGSCN		153202		06-04-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i. Bogie No.	150394					150395				
	ii. Frame No.	ASR-983					ASR-1026				
	iii. Axle No.	0345		10412		N-7388		M-7972			
	iv. Wheel Diameter	916.00	916.00	917.50	917.00	917.50	917.00	917.50	917.50		
	v. Wheel Disc No.	12143/ 14227	11959/ 15571	06672/ 13094	05200/ 14068	12073/ 15571	12144/ 14227	11970/ 15571	11847/15 529		
	vi. R.B. Nos.	L-2991	L-2975	J-1867	J-1835	L-3061	L-3053	L-3017	L-3040		
	vii. R.B. Make	NBC		NBC		NBC		NBC			
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing									
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					PEW,AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

WGSCN-4111