



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7073	DISPATCH DATE:			27.05.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	163654
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104	1102	
viii)	CBC (Make)			SANROK		
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		GS	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			TWPL		
ix)	LP SHEET			PUNJAB LAMINATE		
x)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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Rail Coach Factory , Kapurthala

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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		7073	NR	WGSCN)	163654	29-04-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	170327				170318			
	ii. Frame No.	ASR-255				ASR-809			
	iii. Axle No.	S-0517		H-0003		G-9830		L-1950	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	18385/287	18354/254	18317/336	18422/310	18403/237	19828/235	18312/278	18313/371
	vi. R.B. Nos.	L0042	L0054	L0072	L0102	L0026	L0001	L0048	L0003
	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-E10283,E10278			PEW-E10260,E10285	
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-17707,17741			K/B-17664,17643	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

WGSCN-7073



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1.	SHELL No:	7072	DISPATCH DATE:			31.05.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	163653
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104	1104	
viii)	CBC (Make)			SANROK		
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		GS	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	UIC VESTIBULE			ELASTOMER		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			GANDHI		
ix)	LP SHEET			PUNJAB LAMINATE		
x)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170356353

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	170356			170353	
ii.	Frame No.	ASR-1098			ASR-1094	
iii.	Axle No.	5039	4868	5804	K-7970	
iv.	Wheel Diameter	917.00	917.00	917.00	917.00	918.00
v.	Wheel Disc No.	16591-320	19791-336	18401-243	18422-214	18414-274
vi.	RB Nos	H1004	H0973	H1189	H0520	H0362
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	AJTECH-1805,1775			PEW-E11927,E10270	
ii.	Secondary shock Absorber Make & NO.	KNORR-17562,12461			ESCORTS-6170,6225	
11.4	i. Modification/Trail(if any):					
	ii. Deviations (if any):					



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1.	SHELL No:	7070	DISPATCH DATE:			31.05.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	163672
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)	CBC Height	Specified : 1104 +0 /-10 mm		1094	1104	
viii)	CBC (Make)			SANROK		
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		GS	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL/TWPL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			GANDHI		
ix)	LP SHEET			PUNJAB LAMINATE		
x)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170349354

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
					WGSCN					
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"									
11.2	Wheel & Axle Details:									
	i.	Bogie No.	170349				170354			
	ii.	Frame No.	ASR-1086				ASR-1002			
	iii.	Axle No.	5474		9011		5112		443	
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	18307-214	18282-394	18418-238	18402-338	18364-341	18189-204	19597-214	18405-380
	vi.	RB Nos	H0347	H0335	H1013	H1016	H0979	H1001	H1191	H1193
	vii.	RB Make	NBC		NBC		NBC		NBC	
	viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3	Items traceability:									
	i.	Break Cylinder Make & No.	PEW-12022,1184				AJTECH-1664,,1644			
	ii.	Secondary shock Absorber Make & NO.	ESCORTS-17462,17680				KNORR-17599,17551			
11.4	i.	Modification/Trail(if any):								
	ii.	Deviations (if any):								



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Rail Coach Factory , Kapurthala

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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7068	DISPATCH DATE:			26.05.2017	
2.	RAILWAY	NR	Type:	WGSCN/CB C	Coach No.:	163651	
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)	CBC Height	Specified : 1104 +0/-10 mm		1104		1104	
viii)	CBC (Make)					SANROK	
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	GS	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
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			GANDHI			
ix)	LP SHEET			PUNJAB LAMINATE			
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				
		7068	NR	SCN	163651	06-05-2017				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	170342				170343				
	ii. Frame No.	ASR-1075				ASR-867				
	iii. Axle No.	M-8236		H-8940		S-8793		8946		
	iv. Wheel Diameter	918.00	918.00	917.50	917.00	917.50	917.00	918.00	918.00	
	v. Wheel Disc No.	18250/327	18319/322	19997/343	21095/332	18396/204	18299/226	18240/243	18344/297	
	vi. R.B. Nos.	H0992	H1022	H0450	H0471	H0456	H0470	H0974	H0983	
	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-K11528,E12011		PEW-E12004,E11520		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-14516,14634		K/B-17659,14453		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

WGSCN-7068