



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7101	DISPATCH DATE:			09.08.2017	
2.	RAILWAY	NR	Type:	WGSCN/C BC	Coach No.:	173210	
3.	Booked to	SSE/C&W/DEE					
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			OVPL			
iii.	WATER TANKS			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TWPL			
vi.	UIC VESTIBULE			ELASTOMER			
vii.	WINDOWS			ABC, MECIDON			
viii.	LAV. DOORS			TWPL			
ix)	LP SHEET			PUNJAB LAMINATE			
x)	BIO- TOILET			MRC			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170410413

11.	Bogie Details:	Shell No. 7101	Railway NR	Type WGSCN	Coach No. 1773210/C	Dispatch Date 09-AUG-17
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	170410			170413	
ii.	Frame No.	ASR-852			ASR-761	
iii.	Axle No.	9333	9295	349	9343	
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00
v.	Wheel Disc No.	18405-231	19539-311	19552-204	19572-310	19576-342
vi.	RB Nos	H0515	H0425	H0496	H0386	H0421
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	AJTECH-1728,1692			AJTECH-1729,1685	
ii.	Secondary shock Absorber Make & NO.	KNORR-19055,17554			KNORR-19046,17627	
11.4	i.	Modification/Trail (if any):		NIL		
	ii.	Deviations (if any):		NIL		



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1.	SHELL No:	7098	DISPATCH DATE:			12.08.2017
2.	RAILWAY	NR	Type:	WGSCN/C BC	Coach No.:	173213
3.	Booked to	SSE/C&W/DEE				
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)	DALMER INDIA			
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:					
	i.	BRAKE EQUIPMENT	Make ESCORTS			
	ii.	SEAT & BERTH	OVPL			
	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	PUNJAB LAMINATE			
	x)	BIO- TOILET	OMEX			
10.	10.1	Modification/ Trial (if any):	MODIFIED D -COUPLING			
	10.2	Deviations (if any):	NIL			



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170400401

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
		7098	NR	WGSCN	173213/C	12-AUG-17
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	170400			170401	
ii.	Frame No.	ASR-1028			ASR-1006	
iii.	Axle No.	389	650	1250	9670	
iv.	Wheel Diameter	917.50	917.00	917.00	917.00	917.00
v.	Wheel Disc No.	19577-321	19602-397	19571-398	19594-204	19559-311
vi.	RB Nos	J1388	J1379	J1387	J1353	J1386
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	AJTECH-1691,1670			AJTECH-1756,1731	
ii.	Secondary shock Absorber Make & NO.	KNORR-14639,17727			KNORR-14635,14636	
11.4	i. Modification/Trail (if any):					
	ii. Deviations (if any):					



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1.	SHELL No:	7103	DISPATCH DATE:			09.08.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	173208
3.	Booked to	SSE/C&W/DEE				
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	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi.	UIC VESTIBULE			ELASTOMER		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			TWPL		
ix)	LP SHEET			PUNJAB LAMINATE		
x)	BIO- TOILET			MRC		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170394395

11.	Bogie Details:	Shell No. 7103	Railway NR	Type WGSCN	Coach No. 1773208/C	Dispatch Date 09-AUG-17			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	170394			170395				
ii.	Frame No.	ASR-664			ASR-1038				
iii.	Axle No.	9626	1239	1189	551				
iv.	Wheel Diameter	917.00	917.00	917.00	917.00	918.00	918.00	917.00	917.00
v.	Wheel Disc No.	19596-205	19539-225	19597-316	19563-210	19684-281	19563-316	19582-230	19604-341
vi.	RB Nos	J1683	J1684	J1691	J1690	J1391	J1392	J1725	J1680
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-K13031,K13028			PEW-K12911,K13022				
ii.	Secondary shock Absorber Make & NO.	KNORR-19037,19093			KNORR-19095,19012				
11.4	i.	Modification/Trail (if any):		NIL					
	ii.	Deviations (if any):		NIL					

WGSCN-7103



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1.	SHELL No:	7106	DISPATCH DATE:			09.08.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	173215
3.	Booked to	SSE/C&W/DEE				
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	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT		KBI			
ii.	SEAT & BERTH		OVPL			
iii.	WATER TANKS		AMIT			
iv.	PVC		RESPONSIVE			
v.	FLOOR BOARD		TWPL			
vi.	UIC VESTIBULE		ELASTOMER			
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			



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170409408

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		7106	NR		WGSCN	173215/C		09-AUG-17		
11.1 BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"										
11.2 Wheel & Axle Details:										
11.2	i.	Bogie No.	170409				170408			
	ii.	Frame No.	ASR-759				ASR-399			
	iii.	Axle No.	9808		530		398		1499	
	iv.	Wheel Diameter	918.00	918.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	19595-385	19604-326	19566-247	19546-253	19598-281	19602-395	19545-393	19583-388
	vi.	RB Nos	H0537	H0498	H1175	H1183	H1180	H1153	H1183	H1139
	vii.	RB Make	NBC		NBC		NBC		NBC	
	viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3 Items traceability:										
11.3	i.	Break Cylinder Make & No.	AJTECH-1721,1655				AJTECH-1749,1725			
	ii.	Secondary shock Absorber Make & NO.	KNORR-19040,18946				KNORR-18929,18931			
11.4	i.	Modification/Trail(if any):	NIL							
	ii.	Deviations (if any):	NIL							

WGSCN-7106



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7104	DISPATCH DATE:			03.08.2017
2.	RAILWAY	NR	Type:	WGSCN/CB C	Coach No.:	173209
3.	Booked to	SSE/C&W/DEE				
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	85/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			OVPL		
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			--		
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: 170361360

11.	Bogie Details:	Shell No. 7104	Railway NR	Type WGSCN	Coach No. 173209/C	Dispatch Date 03-AUG-17			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	170361			170360				
ii.	Frame No.	ASR-1106			ASR-1107				
iii.	Axle No.	8512	8877	K-8487		4864			
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00		
v.	Wheel Disc No.	18408-389	18359-290	18288-238	20114-277	19739-231	18309-316	18060-394	20059-345
vi.	RB Nos	J1737	J1755	J1735	J1769	H0539	J1739	H0532	J1771
vii.	RB Make	NBC		NBC		NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3	Items traceability:								
i.	Break Cylinder Make & No.	AJTECH-1790,1853			AJTECH-1567,1770				
ii.	Secondary shock Absorber Make & NO.	KNORR-14639,17596			KNORR-17694,14640				
11.4	i.	Modification/Trail(if any):		NIL					
	ii.	Deviations (if any):		NIL					

WGSCN-7104



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7096	DISPATCH DATE:			02.08.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	173205
3.	Booked to	SSE/C&W/DEE				
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		1100		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			OVPL		
iii.	WATER TANKS			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	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170364362

11.	Bogie Details:	Shell No. 7096	Railway NR	Type WGSCN	Coach No. 173205/C	Dispatch Date 02-AUG-17			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	170364			170362				
ii.	Frame No.	ASR-700			ASR-1108				
iii.	Axle No.	9623	557	S-8910	S-2808				
iv.	Wheel Diameter	917.00	917.00	917.50	917.00	917.50	917.00	917.00	
v.	Wheel Disc No.	19593-297	19557-295	18592-391	19568-387	18378-329	19776-277	18211-281	18413-354
vi.	RB Nos	H0586	H0573	J1370	J1371	J1367	J1380	J1372	J1365
vii.	RB Make	NBC		NBC		NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3	Items traceability:								
i.	Break Cylinder Make & No.	AJTECH-1820,1819			AJTECH-1811,1812				
ii.	Secondary shock Absorber Make & NO.	KNORR-19118,19102			KNORR-17692,14579				
11.4	i.	Modification/Trail(if any):		NIL					
	ii.	Deviations (if any):		NIL					

WGSCN-7096



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7099	DISPATCH DATE:			01.08.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	173211
3.	Booked to	SSE/C&W/DEE				
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	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi.	UIC VESTIBULE			ELASTOMER		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			GANDHI		
ix)	LP SHEET			PL		
x)	BIO- TOILET			MRC		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170393397

11.	Bogie Details:	Shell No. 7099	Railway NR	Type WGSCN	Coach No. 173211/C	Dispatch Date 01-AUG-17			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	170393			170397				
ii.	Frame No.	ASR-1035			ASR-1050				
iii.	Axle No.	9285	9624	1493	540				
iv.	Wheel Diameter	917.00	917.00	918.00	918.00	917.50	917.00	917.50	917.00
v.	Wheel Disc No.	19593-204	19595-215	19559-320	19601-391	19590-335	19595-381	19590-279	19546-270
vi.	RB Nos	J1715	J1688	J1385	J1384	J1356	J1383	J1410	J1389
vii.	RB Make	NBC		NBC		NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3	Items traceability:								
i.	Break Cylinder Make & No.	AJTECH-1675,1743			PEW-K13002,K13023				
ii.	Secondary shock Absorber Make & NO.	KNORR-18969,18949			KNORR-19156,19147				
11.4	i.	Modification/Trail(if any):		NIL					
	ii.	Deviations (if any):		NIL					

WGSCN-7099



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7105	DISPATCH DATE:			05.08.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	173207
3.	Booked to	SSE/C&W/DEE				
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	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi.	UIC VESTIBULE			ELASTOMER		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			TWPL		
ix)	LP SHEET			PL		
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: 170359358

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		7105	NR		WGSCN	173207/C		05-AUG-17		
11.1 BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"										
11.2 Wheel & Axle Details:										
11.2	i.	Bogie No.	170359				170358			
	ii.	Frame No.	ASR-718				ASR-597			
	iii.	Axle No.	K-7986		555		9103		9798	
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	19989-389	20128-342	19548-325	19602-323	21967-277	20068-354	19562-395	19565-202
	vi.	RB Nos	J1764	J1741	H0494	H0522	J1732	J1744	H0491	H0510
	vii.	RB Make	NBC		NBC		NBC		NBC	
	viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3 Items traceability:										
11.3	i.	Break Cylinder Make & No.	AJTECH-1845,1798				AJTECH-1997,1785			
	ii.	Secondary shock Absorber Make & NO.	KNORR-17407,17545				KNORR-17557,17573			
11.4	i.	Modification/Trail(if any):								
	ii.	Deviations (if any):								

WGSCN-7105



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7100	DISPATCH DATE:			09.08.17
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	173206
3.	Booked to	SSE/C&W/DEE				
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			ESCORT		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi.	UIC VESTIBULE			ELASTOMER		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			TWPL		
ix)	LP SHEET			PUNJAB LAMINATE		
x)	BIO- TOILET			MRC.		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170429426

11.	Bogie Details:	Shell No. 7100	Railway NR	Type WGSCN	Coach No. 173206/C	Dispatch Date 09-AUG-17			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	170429			170426				
ii.	Frame No.	ASR-950			ASR-585				
iii.	Axle No.	516	J-444		9340	9301			
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	917.00	917.00	
v.	Wheel Disc No.	19596-297	19597-232	19591-310	19589-244	19576-281	19601-315	19542-592	19570-315
vi.	RB Nos	H0489	J1640	J1444	J1456	E1907	L0030	E1923	E1908
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-K13421,K12952			AJTECH-1761,1742				
ii.	Secondary shock Absorber Make & NO.	KNORR-19136,19075			KNORR-18966,19013				
11.4	i.	Modification/Trail (if any):		NIL					
	ii.	Deviations (if any):		NIL					

WGSCN/CBC-7100

