



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7092	DISPATCH DATE:			29.07.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	173202
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			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	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170420421

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.	170420			170421	
ii.	Frame No.	ASR-1030			ASR-1042	
iii.	Axle No.	9668	9282	9272	9789	
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00
v.	Wheel Disc No.	19542-281	19564-321	19590-321	19599-322	19564-334
vi.	RB Nos	H0432	H0406	H0404	H0403	E1893
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	PEW-K777,K765			AJTECH-1699,662	
ii.	Secondary shock Absorber Make & NO.	KNORR-17745,17484			KNORR-17439,17714	
11.4	i. Modification/Trail (if any):					
	ii. Deviations (if any):					



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7095	DISPATCH DATE:			31.07.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	173204
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			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi.	UIC VESTIBULE			ELASTOMER		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			GANDHI		
ix)	LP SHEET			--		
x)	BIO- TOILET			MOHAN RAIL		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170422423

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.	170422			170423	
ii.	Frame No.	ASR-1120			ASR-760	
iii.	Axle No.	482	1199	9350	9771	
iv.	Wheel Diameter	917.00	917.00	918.00	918.00	918.00
v.	Wheel Disc No.	19562-267	19595-336	19599-395	19582-311	19544-385
vi.	RB Nos	E1911	E1906	E1943	E1912	E1909
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	AJTECH-1617,1615			AJTECH-1606,1736	
ii.	Secondary shock Absorber Make & NO.	KNORR-19148,19058			KNORR-19018,19140	
11.4	i. Modification/Trail(if any):					
	ii. Deviations (if any):					



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7097	DISPATCH DATE:			29.07.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	173212
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		NEROLAC	85/85	
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		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
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: 170425424

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.	170425				170424			
ii.	Frame No.	ASR-1016				ASR-1131			
iii.	Axle No.	440	W-2729		9336	4410			
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
v.	Wheel Disc No.	19565-225	19570-285	21167-241	20111-231	19537-281	19541-257	18413-220	18412-321
vi.	RB Nos	H0430	H0423	L0021	L0007	L0016	L0037	L0033	L0038
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-1637,1700			AJTECH-1609,1747				
ii.	Secondary shock Absorber Make & NO.	KNORR-19023,19061			KNORR-18924,19070				
11.4		i. Modification/Trail(if any):							
		NIL							
		ii. Deviations (if any):							
		NIL							



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7094	DISPATCH DATE:			29.07.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	173203
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			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			GANDHI		
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: 170375374

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.	170375				170374			
ii.	Frame No.	ASR-1093				ASR-1116			
iii.	Axle No.	219		220		9286		523	
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
v.	Wheel Disc No.	19568-318	19565-234	19563-386	19567-244	19538-217	19538-220	19567-281	19601-389
vi.	RB Nos	J1551	L0060	J1554	J1514	J1532	J1562	J1518	L0099
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-E13023,E13024				PEW-E13018,E13028			
ii.	Secondary shock Absorber Make & NO.	KNORR-19016,19064				KNORR-18941,18979			
11.4	i.	Modification/Trail(if any):		NIL					
	ii.	Deviations (if any):		NIL					



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7079	DISPATCH DATE:			21.07.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	163660
3.	Booked to	SSE/C&W/UMB				
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			KBI		
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			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: 170380366

11.	Bogie Details:	Shell No. 7079	Railway NR	Type WGSCN	Coach No. 163660/C	Dispatch Date 21-JUL-17	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"						
11.2	Wheel & Axle Details:						
i.	Bogie No.	170380			170366		
ii.	Frame No.	ASR-1103			ASR-671		
iii.	Axle No.	9661	9672	475	407		
iv.	Wheel Diameter	918.00	918.00	917.00	917.00	917.50 917.50 917.00 917.00	
v.	Wheel Disc No.	19602-277	19564-333	19403-318	19542-225	19578-332 19603-387 19578-225 19578-390	
vi.	RB Nos	J1563	J1724	L0076	L0104	J1699 J1696 J1687 J1728	
vii.	RB Make	NBC		NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing					
11.3	Items traceability:						
i.	Break Cylinder Make & No.	PEW-K13096,K12813			AJTECH-1803,1776		
ii.	Secondary shock Absorber Make & NO.	KNORR-19871,19174			KNORR-19098,19069		
11.4	i.	Modification/Trail(if any):		NIL			
	ii.	Deviations (if any):		NIL			

WGSCN-7079



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7077	DISPATCH DATE:			20.07.2017
2.	RAILWAY	NR	Type:	WGSCN/ CBC	Coach No.:	163658
3.	Booked to	SSE/C&W/UMB				
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		1105	1105	
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			KRP		
vii.	WINDOWS			AGF,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: 170385368

11.	Bogie Details:	Shell No. 7077	Railway NR	Type WGSCN	Coach No. 163658/C	Dispatch Date 20-JUL-17
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	170385			170368	
ii.	Frame No.	ASR-1045			ASR-1092	
iii.	Axle No.	426	8822	S-8812		9797
iv.	Wheel Diameter	918.00	918.00	917.00	917.00	916.50 916.00 917.00 917.00
v.	Wheel Disc No.	19417-328	19568-287	07056-205	18341-319	12180-395 20119-313 19591-339 19506-385
vi.	RB Nos	J1526	L0079	S0130	S0402	S0394 S0414 S0205 S0190
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	PEW-16038,13025			AJTECH-1676,1759	
ii.	Secondary shock Absorber Make & NO.	KNORR-19190,18978			KNORR-19083,19073	
11.4	i.	Modification/Trail(if any):		NIL		
	ii.	Deviations (if any):		NIL		

WGSCN-7077



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 2

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7076	DISPATCH DATE:			20.07.2017
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	163657
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
	viii)	Buffer/CBC (Make)	SANROK			
	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	GS	85/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	OVPL			
	iii.	WATER TANKS	RAIL FAB, AMIT			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	TWPL			
	vi.	UIC VESTIBULE	KRP			
	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: 170372373

11.	Bogie Details:	Shell No. 7076	Railway NR	Type WGSCN	Coach No. 163657/C	Dispatch Date 20-JUL-17
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	170372			170373	
ii.	Frame No.	ASR-1005			ASR-1100	
iii.	Axle No.	9150	8044	9782	9636	
iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00
v.	Wheel Disc No.	18313-329	18293-210	18792-354	20085-206	19566-332
vi.	RB Nos	J1260	J1635	J1704	J1708	J1282
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	AJTECH-1773,1808			AJTECH-1848,1813	
ii.	Secondary shock Absorber Make & NO.	KNORR-18956,19084			KNORR-19078,19981	
11.4	i.	Modification/Trail (if any):	NIL			
	ii.	Deviations (if any):	NIL			

WGSCN-7076



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 2

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7102	DISPATCH DATE:			28.07.2017
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	173234
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104		1104	
viii)	Buffer/CBC (Make)			SANROK		
ix)	Draw Gear (Make)					
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	NEROLAC	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT			Make ESCORT		
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			--		
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: 170427428

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.	170427			170428				
ii.	Frame No.	ASR-1079			ASR-1145				
iii.	Axle No.	J-9640	1245		P-3237	P-3379			
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	
v.	Wheel Disc No.	19604-342	19595-320	19597-398	19591-342	12175-392	19855-342	20152-299	19990-242
vi.	RB Nos	J1441	J1426	L0018	L0051	L0009	L0017	L0024	L0044
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-K13414,K12988			PEW-K721,K13071				
ii.	Secondary shock Absorber Make & NO.	KNORR-19192,19143			KNORR-19106,19194				
11.4	i.	Modification/Trail(if any):		NIL					
	ii.	Deviations (if any):		NIL					



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 2

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7093	DISPATCH DATE:			31.07.2017	
2.	RAILWAY	NR	Type:	WGSCN	Coach No.:	173201	
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104		1104	
viii)	Buffer/CBC (Make)			SANROK			
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		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			KRP			
vii	WINDOWS			ABC, MECIDON			
viii	LAV. DOORS			GANDHI			
ix)	LP SHEET			--			
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: 170384386

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.	170384			170386				
ii.	Frame No.	ASR-1033			ASR-961				
iii.	Axle No.	9627	439	V-2702	1167				
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	917.00	917.00	917.00	917.00
v.	Wheel Disc No.	19568-393	19540-267	19576-310	19601-223	18413-272	18424-214	18545-317	19562-310
vi.	RB Nos	J1525	J1559	L0091	J1723	L0095	L0097	L0083	L0067
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-K13016,K13001			PEW-K13019,K12936				
ii.	Secondary shock Absorber Make & NO.	KNORR-19015,18964			KNORR-19117,18972				
11.4	i.	Modification/Trail (if any):	NIL						
	ii.	Deviations (if any):	NIL						