



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7080	DISPATCH DATE:			27.07.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16266
3.	Booked to	SSE/C&W/PER				
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: 170405404

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.	170405			170404	
ii.	Frame No.	ASR-1083			ASR-714	
iii.	Axle No.	517	567	574	448	
iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00
v.	Wheel Disc No.	19575-388	19598-226	19588-382	19568-338	19568-342
vi.	RB Nos	H1146	H1182	H1165	H1138	H1145
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	PEW-K13091,K13081			PEW-K13083,K12873	
ii.	Secondary shock Absorber Make & NO.	KNORR-17561,14501			KNORR-17563,17413	
11.4	i.	Modification/Trail (if any):		NIL		
	ii.	Deviations (if any):		NIL		



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1.	SHELL No:	7084	DISPATCH DATE:			27.07.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16270
3.	Booked to	SSE/C&W/PER				
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	1094	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	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	ELASTOMER			
	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: 170392390

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.	170392			170390	
ii.	Frame No.	ASR-1026			ASR-1088	
iii.	Axle No.	9305	9830	548	9625	
iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00
v.	Wheel Disc No.	19547-327	19604-253	19638-321	19566-387	19590-245
vi.	RB Nos	L0078	L0088	G0361	J1713	L0062
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	AJTECH-1661,1705			PEW-K12291,K13089	
ii.	Secondary shock Absorber Make & NO.	KNORR-19116,18938			KNORR-19049,19000	
11.4	i.	Modification/Trail(if any):		NIL		
	ii.	Deviations (if any):		NIL		



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Form No. :

QMF4254;
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1.	SHELL No:	7081	DISPATCH DATE:			26.07.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16267
3.	Booked to	SSE/C&W/PER				
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	GS	85/86	
	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: 170376391

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.	170376				170391			
ii.	Frame No.	ASR-1102				ASR-1082			
iii.	Axle No.	434		9277		8368		4459	
iv.	Wheel Diameter	917.50	917.50	917.50	917.50	917.00	917.00	917.00	917.00
v.	Wheel Disc No.	19578-316	18364-287	19603-220	19565-210	18317-269	18341-299	18340-386	18402-380
vi.	RB Nos	J1686	J1681	J1527	J1523	L0107	L0059	L0087	L0068
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-K13078,K12998			AJTECH-1917,13036				
ii.	Secondary shock Absorber Make & NO.	KNORR-19089,19100			KNORR-18921,18915				
11.4	i.	Modification/Trail(if any):		NIL					
	ii.	Deviations (if any):		NIL					

WGSCN-7081



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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7085	DISPATCH DATE:			26.07.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16269
3.	Booked to	SSE/C&W/PER				
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	1094	1102	
	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	GS	85/86	
	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	TAYAL			
	vi.	UIC VESTIBULE	KRP			
	vii.	WINDOWS	AGF, 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: 170398396

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.	170398				170396			
ii.	Frame No.	ASR-705				ASR-970			
iii.	Axle No.	9348		9329		9676		556	
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	917.50	917.00	918.00	918.00
v.	Wheel Disc No.	19563-248	19603-393	19553-378	19545-285	19602-267	19558-222	19602-295	19556-241
vi.	RB Nos	J1561	J1531	J1543	J1564	J1381	J1393	J1400	J1382
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-K12850,K18006				AJTECH-1655,1732			
ii.	Secondary shock Absorber Make & NO.	KNORR-19113,19067				KNORR-18955,19146			
11.4	i.	Modification/Trail(if any):		NIL					
	ii.	Deviations (if any):		NIL					

WGSCN-7085



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Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7087	DISPATCH DATE:			24.07.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16273
3.	Booked to	SSE/C&W/PER				
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		1100
	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	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: 170417414

11.	Bogie Details:	Shell No. 7087	Railway SR	Type WGSCN	Coach No. 16273/C	Dispatch Date 24-JUL-17	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"						
11.2	Wheel & Axle Details:						
i.	Bogie No.	170417			170414		
ii.	Frame No.	ASR-430			ASR-930		
iii.	Axle No.	437	9356	9327	429		
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	
v.	Wheel Disc No.	19576-202	19603-388	18394-295	19575-287	18416-328	
vi.	RB Nos	J1258	J1268	J1285	J1273	H0409	
vii.	RB Make	NBC		NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing					
11.3	Items traceability:						
i.	Break Cylinder Make & No.	AJTECH-1750,1660			AJTECH-1714,1638		
ii.	Secondary shock Absorber Make & NO.	KNORR-18958,19029			KNORR-17440,17409		
11.4	i.	Modification/Trail (if any):		NIL			
	ii.	Deviations (if any):		NIL			

WGSCN-7087



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Form No. :

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Version: 05

1.	SHELL No:	7082	DISPATCH DATE:			28.07.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16271
3.	Booked to	SSE/C&W/PER				
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	1100	1102	
	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		RAIL FAB, 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		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: 170381389

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.	170381			170389	
ii. Frame No.	ASR-1109			ASR-739	
iii. Axle No.	9631	564	1243	9354	
iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00
v. Wheel Disc No.	19603-287	18416-267	19551-245	19596-339	19568-287
vi. RB Nos	J1677	L0081	L0094	J1676	L0098
vii. RB Make	NBC		NBC		NBC
viii. RB Type	Direct Mounted Spherical Roller Bearing				
11.3 Items traceability:					
i. Break Cylinder Make & No.	PEW-K13089,K13500			PEW-K12842,K12946	
ii. Secondary shock Absorber Make & NO.	KNORR-18957,19185			KNORR-18925,19053	
11.4 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:	7086	DISPATCH DATE:			24.07.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16268
3.	Booked to	SSE/C&W/PER				
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	1102	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	GS	85/86	
	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				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: 170403402

11.	Bogie Details:	Shell No. 7086	Railway SR	Type WGSCN	Coach No. 16268/C	Dispatch Date 24-JUL-17
11.1 BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"						
11.2 Wheel & Axle Details:						
i.	Bogie No.	170403			170402	
ii.	Frame No.	ASR-762			ASR-1140	
iii.	Axle No.	9628	648	9303	9296	
iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00
v.	Wheel Disc No.	19573-395	19594-392	19590-396	19566-214	19567-222
vi.	RB Nos	J1390	J1376	J1362	H1160	J1402
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3 Items traceability:						
i.	Break Cylinder Make & No.	AJTECH-1684,1783			AJTECH-1762,1720	
ii.	Secondary shock Absorber Make & NO.	KNORR-17571,19153			KNORR-14508,17556	
11.4	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:	7083	DISPATCH DATE:			24.07.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16272
3.	Booked to	SSE/C&W/PER				
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	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	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: 170415416

11.	Bogie Details:	Shell No. 7083	Railway SR	Type WGSCN	Coach No. 16272/C	Dispatch Date 24-JUL-17
11.1 BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"						
11.2 Wheel & Axle Details:						
	i. Bogie No.	170415			170416	
	ii. Frame No.	ASR-1061			ASR-1119	
	iii. Axle No.	9276	9353	430	9802	
	iv. Wheel Diameter	917.00	917.00	918.00	918.00	917.00 917.00
	v. Wheel Disc No.	19562-390	19589-317	19570-341	19564-235	19589-316 19565-397 19544-299 19557-393
	vi. RB Nos	J1668	J1650	H0399	H0417	H0540 H0519 H1155 H1144
	vii. RB Make	NBC		NBC		NBC
	viii. RB Type	Direct Mounted Spherical Roller Bearing				
11.3 Items traceability:						
	i. Break Cylinder Make & No.	AJTECH-1663,1679			AJTECH-1758,1686	
	ii. Secondary shock Absorber Make & NO.	KNORR-17741,18938			KNORR-17719,18917	
11.4	i. Modification/Trail(if any):	NIL				
	ii. Deviations (if any):	NIL				

WGSCN-7083



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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7088	DISPATCH DATE:			25.07.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16274
3.	Booked to	SSE/C&W/PER				
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	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	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: 170412411

11.	Bogie Details:	Shell No. 7088	Railway SR	Type WGSCN	Coach No. 16274/C	Dispatch Date 25-JUL-17
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	170412			170411	
ii.	Frame No.	ASR-1044			ASR-467	
iii.	Axle No.	9315	9289	413	9626	
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00
v.	Wheel Disc No.	19593-215	19568-245	19570-226	19571-335	19567-395
vi.	RB Nos	H0503	H0393	H0533	H0526	H0529
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	AJTECH-1677,1603			AJTECH-1748,1752	
ii.	Secondary shock Absorber Make & NO.	KNORR-19149,19038			KNORR-19044,19952	
11.4	i.	Modification/Trail (if any):		NIL		
	ii.	Deviations (if any):		NIL		

WGSCN-7088



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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7091	DISPATCH DATE:			22.07.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16277
3.	Booked to	SSE/C&W/PER				
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	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	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	PL			
	x)	BIO- TOILET	MOHAN			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170399383

11. Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
	7091	SR		WGSCN	16277/C		21-JUL-17		
11.1 BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"									
11.2 Wheel & Axle Details:									
i.	Bogie No.	170399				170383			
ii.	Frame No.	ASR-1128				ASR-1011			
iii.	Axle No.	9638		566		1830		8815	
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	917.00	917.00
v.	Wheel Disc No.	19544-329	19564-278	18413-389	19592-392	18226-393	18304-232	18227-290	18342-290
vi.	RB Nos	J1535	J1542	J1546	L0066	J1552	J1529	L0077	L0105
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-K13003,K13033				PEW-K13008,K13006			
ii.	Secondary shock Absorber Make & NO.	KNORR-19057,19001				KNORR-19081,19086			
11.4 i.	Modification/Trail (if any):	NIL							
ii.	Deviations (if any):	NIL							



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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7089	DISPATCH DATE:			01.08.2017
2.	RAILWAY	SR	Type:	WGSCN	Coach No.:	16276
3.	Booked to	SSE/C&W/PER				
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	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		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		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: 170418419

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.	170418			170419	
ii. Frame No.	ASR-696			ASR-584	
iii. Axle No.	9355	447	1504	436	
iv. Wheel Diameter	918.00	918.00	918.00	918.00	918.00
v. Wheel Disc No.	19574-206	19546-241	19590-382	19603-215	19590-390
vi. RB Nos	H0418	H0407	J1292	J1296	H0413
vii. RB Make	NBC		NBC		NBC
viii. RB Type	Direct Mounted Spherical Roller Bearing				
11.3 Items traceability:					
i. Break Cylinder Make & No.	AJTECH-1657,1204		AJTECH-1707,1739		
ii. Secondary shock Absorber Make & NO.	KNORR-19045,18936		KNORR-18940,18916		
11.4 i. Modification/Trail(if any):	NIL				
ii. Deviations (if any):	NIL				