



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version:
05

1.	SHELL No:	7020	DISPATCH DATE:			07.08.2017
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10083/NW/15150
3.	Booked to	SSE/C&W/BGKT				
4.	Tare Weight of Coach :	52.53 T				
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage: NIL
6.	Shell Details: (SG-90004 alt 'b')					
	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 mm (AE63143)		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104	
	viii)	Buffer/CBC (Make)		JLS		
	ix)	Draw Gear (Make)		RK		
7.	Air Brake Testing:					
	Description			Specified		
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm ²	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec	No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec	Brakes "ON"		
	7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"		
	7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	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		SHIVALIK (AUX) & AMIT(U/S)		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		NARBADA		
	vi.	UIC VESTIBULE		KRP		
	vii.	LAV. DOORS		GANDHI		
	viii.	LP SHEET		PUNJAB LAMINATE		
	ix)	BIO- TOILET		RAIL TECH+OMAX AUTO LTD.		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		

BOGIE NO. 173100 /173095



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173095100

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.	173095			173100				
ii.	Frame No.	UBLS-5465			UBLS-5429				
iii.	Axle No.	504	9323	9634	G-9942				
iv.	Wheel Diameter	918.00	918.00	917.50	917.00	917.00	917.00	917.00	
v.	Wheel Disc No.	19555-312	19602-342	19601-214	18408-223	19559-330	19596-393	20126-398	19587-341
vi.	RB Nos	J1375	J1358	J1368	J1351	H0563	H0557	H0571	H0543
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-1893,1928			AJTECH-1901,1922				
ii.	Secondary shock Absorber Make & NO.	KNORR-19168,19105			KNORR-19193,19004				
11.4	i.	Modification/Trail (if any):		NIL					
	ii.	Deviations (if any):		NIL					



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7022	DISPATCH DATE:				07.08.2017
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10079/NW/15146	
3.	Booked to	SSE/C&W/BGKT					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
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 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1100/1104		
viii)	Buffer/CBC (Make)			HEPL			
ix)	Draw Gear (Make)			RK			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/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			SHIVALIK (AUX) & AMIT(U/S)			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			RAIL TECH+OMAX AUTO LTD.			
10.	10.1	Modification/ Trial (if any):				NIL	
	10.2	Deviations (if any):				NIL	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173082083

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
				WGACCN		
11.1 BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"						
11.2 Wheel & Axle Details:						
i.	Bogie No.	173082			173083	
ii.	Frame No.	UBLS-5451			UBLS-5455	
iii.	Axle No.	5059	8244	5670	S-8082	
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00
v.	Wheel Disc No.	18288-286	18394-204	18412-341	18408-234	18397-324
vi.	RB Nos	S0403	S0187	H0348	H0373	H0359
vii.	RB Make	FAG	NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3 Items traceability:						
i.	Break Cylinder Make & No.	PEW-K11031,K11389			PEW-12017,K11553	
ii.	Secondary shock Absorber Make & NO.	KNORR-17486,17526			KNORR-17527,14460	
11.4	i.	Modification/Trail (if any):				
	ii.	Deviations (if any):				



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7023	DISPATCH DATE:			07.08.2017	
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10076/NW/15143	
3.	Booked to	SSE/C&W/BGKT					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
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 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make)			HEPL			
ix)	Draw Gear (Make)			RK			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/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			SHIVALIK (AUX) & AMIT(U/S)			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			OMAX AUTO LTD.			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			

BOGIE NO. 173080 /173076



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173080076

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.	173080			173076					
ii.	Frame No.	UBLS-5450			UBLS-5421					
iii.	Axle No.	F-5787	G-9989	M-9625	M-8199					
iv.	Wheel Diameter	918.00	917.50	917.00	917.00	917.00	917.50	918.00		
v.	Wheel Disc No.	62585-10520	70577-12184	70673-12656	70649-12184	70644-12184	54681-08823	68810-12070	70625-12184	
vi.	RB Nos	U2478	U2491	K0709	K0745	U2158	U2253	K0708	K0736	
vii.	RB Make	FAG		NBC		FAG		NBC		
viii.	RB Type	Direct Mounted Spherical Roller Bearing								
11.3	Items traceability:									
i.	Break Cylinder Make & No.	PEW-K11581,K11677			PEW-E12027,K11586					
ii.	Secondary shock Absorber Make & NO.	KNORR-17601,17621			KNORR-17509,17498					
11.4	i.	Modification/Trail (if any):		NIL						
	ii.	Deviations (if any):		NIL						



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7012	DISPATCH DATE:			07.08.2017	
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10075/NW/15142	
3.	Booked to	SSE/C&W/BGKT					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
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 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make)			JLS			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT		PU PAINT	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			SHIVALIK (AUX) & AMIT(U/S)			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			KRP/ELASTOMER			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			OMAX AUTO LTD.			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			

BOGIE NO. 173090 /173091



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173090091

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.	173090			173091				
ii.	Frame No.	UBLS-5456			UBLS-5466				
iii.	Axle No.	5824	G-9988		568	1494			
iv.	Wheel Diameter	917.00	917.00	917.00	917.00	918.00	918.00	918.00	918.00
v.	Wheel Disc No.	18224-242	18415-389	18344-249	18413-229	19600-378	19673-317	19601-341	19567-279
vi.	RB Nos	H0500	H0511	H0509	H0495	H0522	J1736	H0536	H0493
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-K11873,K11610			PEW-E11976,E11658				
ii.	Secondary shock Absorber Make & NO.	KNORR-17412,14619			KNORR-14624,17442				
11.4	i.	Modification/Trail (if any):		NIL					
	ii.	Deviations (if any):		NIL					



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7019	DISPATCH DATE:			07.08.2017
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10078/NW/15145
3.	Booked to	SSE/C&W/BGKT				
4.	Tare Weight of Coach :	52.53 T				
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage: NIL
6.	Shell Details: (SG-90004 alt 'b')					
	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 mm (AE63143)		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104	
	viii)	Buffer/CBC (Make)		JLS		
	ix)	Draw Gear (Make)		RK		
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		SHIVALIK (AUX) & AMIT(U/S)		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		NARBADA		
	vi.	UIC VESTIBULE		KRP		
	vii.	LAV. DOORS		GANDHI		
	viii.	LP SHEET		PUNJAB LAMINATE		
	ix)	BIO- TOILET		RAIL TECH+OMAX AUTO LTD.		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173084085

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
				WGACCN		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	173084			173085	
ii.	Frame No.	UBLS-5427			UBLS-5438	
iii.	Axle No.	V-6585	8246	4889	5668	
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00
v.	Wheel Disc No.	18394-335	18390-395	18418-317	18407-245	18374-279
vi.	RB Nos	H0985	H1014	H0361	H0370	H0346
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	PEW-E12011,K11853			PEW-K11602,E11982	
ii.	Secondary shock Absorber Make & NO.	KNORR-17523,17438			KNORR-14513,14453	
11.4	i.	Modification/Trail(if any):				
	ii.	Deviations (if any):				



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7015	DISPATCH DATE:			07.08.2017	
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10081/NW/15148	
3.	Booked to	SSE/C&W/BGKT					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
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 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make)			JLS			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT		PU PAINT	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			SHIVALIK (AUX) & AMIT(U/S)			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			OMAX AUTO LTD.			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			

BOGIE NO. -173097/173103



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173097103

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.	173097			173103				
ii.	Frame No.	UBLS-5464			ECBT-23				
iii.	Axle No.	9343	J-9130		1497	547			
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	917.00	917.00	918.00	918.00
v.	Wheel Disc No.	18419-382	19572-206	20086-313	19845-344	19562-235	19597-335	19561-323	19569-228
vi.	RB Nos	J1544	J1536	J1712	J1702	H0549	H0576	J1534	J1532
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-1894,1970			AJTECH-1965,1949				
ii.	Secondary shock Absorber Make & NO.	KNORR-17408,17697			KNORR-19041,18911				
11.4	i.	Modification/Trail (if any):		NIL					
	ii.	Deviations (if any):		NIL					



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7016	DISPATCH DATE:			07.08.2017	
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10080/NW/15147	
3.	Booked to	SSE/C&W/BGKT					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
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 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1102/1102		
viii)	Buffer/CBC (Make)			JLS			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT		PU PAINT	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			SAVITRY ENGG.			
iii.	WATER TANKS			SHIVALIK (AUX) & AMIT(U/S)			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			OMAX AUTO LTD.			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			

BOGIE NO. -173074/173075



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173075074

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.	173075			173074	
ii.	Frame No.	UBLS-5433			UBLS-5435	
iii.	Axle No.	G-9985	M-9612	K-5227	K-5075	
iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00
v.	Wheel Disc No.	18388-206	19827-321	18385-341	18334-269	18404-322
vi.	RB Nos	L0336	L0049	L0057	L0063	L0377
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	PEW-E11614,E11837			PEW-E11974,E12019	
ii.	Secondary shock Absorber Make & NO.	KNORR-17634,17744			KNORR-17622,17502	
11.4	i.	Modification/Trail (if any):		NIL		
	ii.	Deviations (if any):		NIL		



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7024	DISPATCH DATE:			07.08.2017
2.	RAILWAY	NW	Type:	MWACCN	Coach No.:	M-M-10082/NW/15149
3.	Booked to		SSE/C&W/BGKT			
4.	Tare Weight of Coach :		52.53 T			
5.	Carrying Capacity :		Seating:	64	Sleeping:	64
					Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')					
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 mm (AE63143)		
vii)	Buffer/CBC Height		Specified : 1104 +0 /-10 mm	1100/1104	1104/1104	
viii)	Buffer/CBC (Make)			HEPL		
ix)	Draw Gear (Make)			RK		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/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			SHIVALIK (AUX) & AMIT(U/S)		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			NARBADA		
vi.	UIC VESTIBULE			KRP		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX AUTO LTD.		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173105131

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.	173105			173131				
ii.	Frame No.	ECBT-15			UBLS-5375				
iii.	Axle No.	M-9913	9666	654	K-8720				
iv.	Wheel Diameter	917.00	917.00	918.00	918.00	917.00	917.00	918.00	918.00
v.	Wheel Disc No.	19583-230	20069-231	18211-222	18400-395	19573-380	18393-388	19992-206	19567-323
vi.	RB Nos	H0564	J1257	J1717	J1722	H0561	H0572	J1727	J1701
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-1935,1908			AJTECH-1929,1919				
ii.	Secondary shock Absorber Make & NO.	KNORR-18961,19167			KNORR-19114,19099				
11.4	i.	Modification/Trail (if any):		NIL					
	ii.	Deviations (if any):		NIL					

