



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7014	DISPATCH DATE:			21/06/2017
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10073/NW/15140
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 <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)	
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application	
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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 KBI	
	ii.	SEAT & BERTH			OVPL	
	iii.	WATER TANKS			SHIVALIK (AUX),AMIT& SHIVALIK(U/S)	
	iv.	PVC			RESPONSIVE	
	v.	FLOOR BOARD			TAYAL	
	vi.	UIC VESTIBULE			KRP	
	vii.	LAV. DOORS			CENTUARY	
	viii.	LP SHEET			KAE	
	ix)	BIO- TOILET			RAIL TECH+OMAX AUTO LTD.	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>				
		7014	NWR	WGACCN	M-10073/NW/15140	04-05-2017				
11.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>									
11.2	<b>Wheel &amp; Axle Details:</b>	<b>PP Side</b>				<b>NPP Side</b>				
	i. <b>Bogie No.</b>	173078				173079				
	ii. <b>Frame No.</b>	UBLS-5426				ECBT-40				
	iii. <b>Axle No.</b>	8958		V-6868		J2799		8505		
	iv. <b>Wheel Diameter</b>	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00	
	v. <b>Wheel Disc No.</b>	18339/316	18060/398	18344/230	18310/210	18389/220	18419/354	18286/297	18339/218	
	vi. <b>R.B. Nos.</b>	L0427	K0718	L0399	K0727	L0045	L0414	K0754	K0723	
	vii. <b>R.B. Make</b>	NBC		NBC		NBC		NBC		
	viii. <b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
11.3	<b>Items Traceability:</b>				<b>PP SIDE</b>		<b>NPP SIDE</b>			
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>			PEW-E12029,E11540			PEW-E12031,E11983		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>			K/B-17610,17603			K/B-17497,17641		
11.4	i.	<b>Modification/ Trail (if any):</b>				NIL				
	ii.	<b>Deviations (if any):</b>				NIL				

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7017	DISPATCH DATE:			21/06/2017	
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10077/NW/15144	
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		1100/1102	1100/1100	
	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 <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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			SHIVALIK (AUX),AMIT& (U/S)		
	iv.	PVC			RESPONSIVE		
	v.	FLOOR BOARD			NARBADA		
	vi.	UIC VESTIBULE			KRP/ELASTOMAR		
	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: 173086087

11. Bogie Details:	Shell No.	Railway		Type		Coach No.	Dispatch Date		
	7017	NWR		WGACCN		M10077/15144	21-JUN-17		
11.1 BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"									
11.2 Wheel & Axle Details:									
i.	Bogie No.	173086				173087			
ii.	Frame No.	UBLS-5439				UBLS-5461			
iii.	Axle No.	S-8858		5539		K-5279		K-5180	
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
v.	Wheel Disc No.	18120-320	18212-267	18255-335	18407-379	18338-265	18344-390	18227-282	18330-395
vi.	RB Nos	H0331	H0376	H0363	H0320	H1006	H1002	H1192	H0487
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-1623,1604			AJTECH-1627,1649				
ii.	Secondary shock Absorber Make & NO.	KNORR-17427,14779			KNORR-14577,14580				
11.4 i.	Modification/Trail (if any):								
ii.	Deviations (if any):								



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7018	DISPATCH DATE:			21/06/2017	
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10074/NW/15141	
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		1102/1104		
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 <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity		BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity		BP dipped @ 0.60 Kg/cm <sup>2</sup> 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		
8.1	PAINT		PU PAINT		GS		
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 ENGINEERS			
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: 173093094

11.	Bogie Details:	Shell No. 7018	Railway NWR	Type WGACCN	Coach No. M10074/15141	Dispatch Date 21-JUN-17			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	173093			173094				
ii.	Frame No.	UBLS-5377			UBLS-5469				
iii.	Axle No.	V-6564	4654	P-3817	8578				
iv.	Wheel Diameter	917.00	917.00	918.00	918.00	917.00	917.00	918.00	918.00
v.	Wheel Disc No.	18370-245	18339-323	18477-330	18413-248	19849-354	18135-316	22034-351	33034-312
vi.	RB Nos	J1773	J1394	H0521	J1751	J1768	J1352	H0488	J1748
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-K11548,K11849			AJTECH-1954,1779				
ii.	Secondary shock Absorber Make & NO.	KNORR-17553,17728			KNORR-14626,17651				
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:	7013	DISPATCH DATE:			21/06/2017
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10072/NW/15139
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		1104/1102	1104/1100
	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 <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)	
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application	
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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 ENGINEERS	
	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: 173092099

11.	Bogie Details:	Shell No. 7013	Railway NWR	Type WGACCN	Coach No. M10027/15139	Dispatch Date 21-JUN-17			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	173092			173099				
ii.	Frame No.	UBLS-5344			UBLS-5441				
iii.	Axle No.	8731	S-8809		486	9833			
iv.	Wheel Diameter	918.00	918.00	917.00	917.00	917.50	917.00	917.50	917.00
v.	Wheel Disc No.	18226-325	18228-319	18239-382	18358-322	19592-223	19601-387	18284-281	19583-320
vi.	RB Nos	J1754	J1738	J1777	J1395	J1366	J1378	J1373	J1363
vii.	RB Make	NBC		NBC		NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3	Items traceability:								
i.	Break Cylinder Make & No.	ASSOCIATE-1275,K11675			AJTECH-1920,1957				
ii.	Secondary shock Absorber Make & NO.	KNORR-17574,17567			KNORR-19203,18965				
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:	7009	DISPATCH DATE:			21/06/2017
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10069/NW/15136
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	1104/1097
	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 <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)	
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application	
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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			SAVITRY ENGINEERS	
	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



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11.	<b>Bogie Details:</b>	<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
		7009		NWR		WGACCN		M-10069/NW/1 5136		22-04-2017	
11.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
11.2	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	173069				173067				
	ii.	<b>Frame No.</b>	UBLS-5445				ECBT-48				
	iii.	<b>Axle No.</b>	K-8497		4572		S-8444		K-7629		
	iv.	<b>Wheel Diameter</b>	918.00	918.00	918.00	917.50	918.00	918.00	918.00	918.00	
	v.	<b>Wheel Disc No.</b>	12178/ 387	19777/ 218	19761/ 340	21493/ 323	19826/ 342	19844/ 327	19585/ 310	19994/22 0	
	vi.	<b>R.B. Nos.</b>	U2216	U2294	U2585	U2480	U2498	U2481	U2575	U2493	
	vii.	<b>R.B. Make</b>	FAG		FAG		FAG		FAG		
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
11.3	<b>Items Traceability:</b>					<b>PP SIDE</b>			<b>NPP SIDE</b>		
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>				PEW-11546,11551			PEW-11767,11596		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>				K/B-14426,14432			K/B-14451,14584		
11.4	i.	<b>Modification/ Trail (if any):</b>				NIL					
	ii.	<b>Deviations (if any):</b>				NIL					



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7010	DISPATCH DATE:			21/06/2017
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10070/NW/15137
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 <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)	
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application	
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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			SAVITRY ENGINEERS	
	iii.	WATER TANKS			AMIT(AUX) & (U/S)RAIL TECH	
	iv.	PVC			RESPONSIVE	
	v.	FLOOR BOARD			NARBADA	
	vi.	UIC VESTIBULE			ELASTOMER	
	vii.	LAV. DOORS			TWPL	
	viii.	LP SHEET			--	
	ix)	BIO- TOILET			RAIL TECH+OMAX AUTO LTD.	
10.	10.1	Modification/ Trial (if any):				NIL
	10.2	Deviations (if any):				NIL



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11.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		7010	NWR		WGACCN	M-10070/NW/15137		05-05-2017		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.		173077		173081				
	ii.	Frame No.		UBLS-5454		UBLS-5453				
	iii.	Axle No.		S-8378		H-0187		V-6593		H-0090
	iv.	Wheel Diameter		918.00		918.00		918.00		918.00
	v.	Wheel Disc No.		18134/290		22067/238		18357/335		18338/278
	vi.	R.B. Nos.		H1009		H1023		H0977		H1015
	vii.	R.B. Make		H0477		H0481		H0472		H0476
	viii.	R.B. Type		NBC		NBC		NBC		NBC
	viii.	R.B. Type		Direct Mounted Spherical Roller Bearing						
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.			PEW-K11582,K11598		PEW-K11509,K11678			
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-14535,14514		K/B-14691,14519			
11.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			NIL					

MWACCN-7010



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7011	DISPATCH DATE:			21/06/2017	
2.	RAILWAY	NWR	Type:	MWACCN	Coach No.:	M-10071/NW/15138	
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		1100/1100	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/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			SAVITRY ENGINEERS		
	iii.	WATER TANKS			SHIVALIK(AUX) & (U/S)AMIT		
	iv.	PVC			RESPONSIVE		
	v.	FLOOR BOARD			NARBADA		
	vi.	UIC VESTIBULE			ELASTOMER		
	vii.	LAV. DOORS			GANDHI		
	viii.	LP SHEET			--		
	ix)	BIO- TOILET			RAIL TECH+OMAX AUTO LTD.		
10.	10.1	Modification/ Trial (if any):				NIL	
	10.2	Deviations (if any):				NIL	



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		7011	NWR		WGACCN		M-10071/NW/1 5138		27-02-2017		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	163304					173043			
	ii.	Frame No.	UBLS-5363					ECBT-27			
	iii.	Axle No.	M-8656		P-3865		5532		8320		
	iv.	Wheel Diameter	918.00	918.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	18194/ 240	19770/ 334	21078/ 349	18137/ 312	16891/ 253	21148/ 917	18859/ 225	19822/21 7	
	vi.	R.B. Nos.	J0314	L0405	G0054	G0028	H2935	H2943	J0040	J0019	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>					PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.					AJT-1298,1247		PEW-E15031,E0041		
	ii.	SECONDARY Shock Absorber Make &NO.					GABRIEL-2140,2136		GABRIEL-2091,2112		
11.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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