



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5039	DISPATCH DATE:			29.07.2015	
2.	RAILWAY	ECOR	Type:	WGACCN	Coach No.:	15114	
3.	Booked to	SSE/C&W/ BBS					
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	1101/1098		
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			ESCORTS			
ii.	SEAT & BERTH			SUKATA			
iii.	WATER TANKS			E C BLADES, SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			TWPL			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			JSL			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date
		5039	ECOR		WGACCN		15114		20-06-2015
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	153207				153278			
	ii. Frame No.	UBLS-4654				UBLS-4733			
	iii. Axle No.	A-4500		10422		N-4671		U-8573	
	iv. Wheel Diameter	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00
	v. Wheel Disc No.	05915/ 13448	05918/ 13448	05984/ 13448	05994/ 13448	16339/ 16685	16464/ 16685	05416/ 13495	11869/15 529
	vi. R.B. Nos.	A0724	A0866	A1137	A1280	X1012	X1221	X1377	X1448
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			PEW-6639,6737		PEW-E6456,E7976		
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-00143,00405		K/B-00531,99945		
12.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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1.	SHELL No:	5042	DISPATCH DATE:			30.07.2015	
2.	RAILWAY	ECOR	Type:	WGACCN	Coach No.:	15116	
3.	Booked to	SSE/C&W/SKP					
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)			ATUL			
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	87/88		
8.2	APPLICATION OF PCN-123			SATISFACTORY			
8.3	INSUALTION			SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			SUKATA			
iii.	WATER TANKS			RAIL TECH, E C BLADES			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			TWPL			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			AMIT, ORIENTAL			
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		
		5042	ECOR		WGACCN		15116		23-06-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	153219				153225				
	ii.	Frame No.	UBLS-4661				UBLS-4653				
	iii.	Axle No.	W-2788		P-6109		A-3681		N-8030		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	916.00	916.00	916.50	916.00	
	v.	Wheel Disc No.	10582/279	10149/299	10339/227	07062/2354	10748/272	10124/235	10500/313	10283/259	
	vi.	R.B. Nos.	C3254	C3242	C2973	C2996	C3263	C3305	C3056	C3060	
	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.				PEW-5940,5953			PEW-7124,7118		
	ii.	SECONDARY Shock Absorber Make & NO.				K/B-000529,00203			K/B-00691,00575		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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1.	SHELL No:	5041	DISPATCH DATE:			30.07.2015	
2.	RAILWAY	ECOR	Type:	WGACCN	Coach No.:	15115	
3.	Booked to	SSE/C&W/BBS					
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	1100/1097	1096/1095		
	viii)	Buffer/CBC (Make)	HEPL				
	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:						
	i.	BRAKE EQUIPMENT	Make ESCORTS				
	ii.	SEAT & BERTH	SUKATA				
	iii.	WATER TANKS	RAIL TECH, SHIVALIK				
	iv.	PVC	RESPONSIVE				
	v.	FLOOR BOARD	TAYAL				
	vi.	UIC VESTIBULE	KRP				
	vii.	LAV. DOORS	TWPL				
	viii.	LP SHEET	NK				
	ix)	BIO- TOILET	AMIT, ORIENTAL				
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	
		5041		ECOR		WGACCN		15115		23-06-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	153155				153162				
	ii.	Frame No.	UBLS-4566				UBLS-4545				
	iii.	Axle No.	A-5429		Y-6984		P-3719		N-4585		
	iv.	Wheel Diameter	918.00	918.00	917.50	917.50	918.00	917.50	916.50	916.00	
	v.	Wheel Disc No.	09417/ 13353	06021/ 13448	09305/ 13353	09495/ 13853	09325/ 13353	09353/ 13353	60836/ 08510	06375/13 600	
	vi.	R.B. Nos.	J2122	M2883	J2117	M2881	J2448	M2875	M2868	M2874	
	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.				PEW-10174,10228			PEW-14309,14315		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-98061,98060			K/B-97452,97923		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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