



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	5136	DISPATCH DATE:			06.02.2016	
2.	RAILWAY	NWR	Type:	WGACCN	Coach No.:	15103	
3.	Booked to	SSE/C&W/All					
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	1104/1104		
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		ADVANCE	85/86		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			RCF			
iii.	WATER TANKS			KUTEER, RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			ORIENTAL			
vi.	UIC VESTIBULE			CEMCON			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PL			
ix.	BIO- TOILET			RAIL FAB			
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			
		5136	NW	WGACCN	15103	06-10-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	153452				153454			
	ii. Frame No.	UBLS-4765				UBLS-4869			
	iii. Axle No.	A4381		V-9549		527		Y-6682	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.50	916.00
	v. Wheel Disc No.	14126/267	14199/226	13874/243	13867/378	13900/379	13893/216	11721/288	03776/237
	vi. R.B. Nos.	U-2257	U-2250	U-2369	U-2301	T0112	U2250	T0115	U3197
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			ASSOCIAT-342,525		ASSOCIAT -323,145		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-1114,0272		ESCORTS-4393,4611		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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1.	SHELL No:	5132	DISPATCH DATE:			04.02.2016	
2.	RAILWAY	NWR	Type:	WGACCN	Coach No.:	15104	
3.	Booked to	SSE/C&W/All					
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)			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		ADVANCE	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			WRM			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			LP			
ix.	BIO- TOILET			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				
		5132	NW	WGACCN	15104	08-12-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	153392				153395			
	ii.	Frame No.	UBLS-4821				UBLS-4863			
	iii.	Axle No.	G-9845		H-0035		K-8490		J-3220	
	iv.	Wheel Diameter	916.00	916.00	916.00	916.00	915.00	915.00	916.50	916.50
	v.	Wheel Disc No.	09123/ 236	03774/ 228	16429/ 319	16534/ 331	16472/ 310	16438/ 398	16141/ 265	16306/38 3
	vi.	R.B. Nos.	U2791	U2805	S0824	S0754	S0536	S0766	S0874	S0727
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				A TOOL-182,237		A TOOL -194,257		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-8818,8589		IAI-139901,131626		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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Version: 05

1.	SHELL No:	5135	DISPATCH DATE:			23.01.2016	
2.	RAILWAY	NWR	Type:	WGACCN	Coach No.:	15101	
3.	Booked to	SSE/C&W/All					
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)			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		ADVANCE	85/86		
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			KUTEER, RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			ORIENTAL			
vi.	UIC VESTIBULE			WRM			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			LP			
ix.	BIO- TOILET			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			
		5135	NW	WGACCN	15101	22-12-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	153505				153504			
	ii. Frame No.	UBLS-4963				UBLS-4981			
	iii. Axle No.	J-2980		K-8375		2034		03380	
	iv. Wheel Diameter	917.50	917.00	915.00	915.00	916.00	916.00	917.00	917.00
	v. Wheel Disc No.	15366/394	16468/251	16536/229	16471/388	16416/315	16469/315	16440/244	16512/329
	vi. R.B. Nos.	U2317	U2299	S0527	S0529	S0713	S0728	U2302	S0742
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	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-E11592,E11700		PEW E11759,E11614		
	ii.	SECONDARY Shock Absorber Make &NO.			IAI-131614,131630		K/B-06666,06402		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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