



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5162	DISPATCH DATE:			30.03.2016	
2.	RAILWAY	NWR	Type:	WGACCN	Coach No.:	15111	
3.	Booked to	SSE/C&W/BKN					
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		1102/1096	1100/1097		
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		VIBGYOR	85/86		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT			Make ESCORTS			
ii.	SEAT & BERTH			OVPL			
iii.	WATER TANKS			E C BLADES, RAIL TECH			
iv.	PVC			PREMIER POLYFILM			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			FRIKMART			
vii.	LAV. DOORS			AMI			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			AMIT			
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				
		5162	NWR	WGACCN	15111	10-12-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	153482				153483-A				
	ii. Frame No.	UBLS-4804				UBLS-4960				
	iii. Axle No.	H-0038		H-0033		H-0055		H-0078		
	iv. Wheel Diameter	917.00	917.00	917.50	917.00	916.00	916.00	916.00	916.00	
	v. Wheel Disc No.	15390/320	14164/237	14122/253	14016/395	14016/266	07253/274	08081/280	14012/379	
	vi. R.B. Nos.	F0959	F0950	F0932	F0941	F0924	G1309	F0961	F0952	
	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-5014,5082		PEW -5036,5028		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-8832,9072		ESCORTS-9063,8744		
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:	5164	DISPATCH DATE:			31.03.2016	
2.	RAILWAY	NWR	Type:	WGACCN	Coach No.:	15109	
3.	Booked to	SSE/C&W/BKN					
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	1102/1100	
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		VIBGYOR	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			E C BLADES, RUBICONE			
iv.	PVC			POLYMER			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			WRM			
vii.	LAV. DOORS			AMI			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			AMIT			
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				
		5164	NWR	WGACCN	15109	03-07-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	153316				153317				
	ii. Frame No.	UBLS-4823				UBLS-4798				
	iii. Axle No.	A-4951		A-4998		A-4432		Z-7406		
	iv. Wheel Diameter	916.00	916.00	916.50	916.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	11981/382	11986/394	11896/286	12088/317	11745/254	12023/240	11996/310	11863/262	
	vi. R.B. Nos.	W0729	W0730	W0670	W0883	W0771	W0707	W0692	W0864	
	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-11354,11286		PEW-11134,12037		
	ii.	SECONDARY Shock Absorber Make &NO.				IAI-1208439,128581		IAI-128607,128604		
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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