



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4177	DISPATCH DATE:		06.02.2015
2.	RAILWAY	ECR	Type:	WGACCN	Coach No.: 14115
3.	Booked to	SSE/C&W/BJU			
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	1104/1100	1104/1104	
viii)	Buffer/CBC (Make)	REPL			
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		OVPL		
iii.	WATER TANKS		SHIVALIK, RAIL FAB		
iv.	PVC		RESPONSIVE		
v.	FLOOR BOARD		TAYAL		
vi.	UIC VESTIBULE		KRP		
vii.	LAV. DOORS		DHINJAN		
viii.	LP SHEET		NA		
ix)	BIO- TOILET		M K PRECISION		
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
		4177	EC		WGACCN		14115		29-01-2015
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	153030				153032			
	ii. Frame No.	UBLS-4443				UBLS-4426			
	iii. Axle No.	A-3595		V-9821		P-5788		9158	
	iv. Wheel Diameter	917.00	916.50	917.00	917.00	917.00	916.50	917.00	917.00
	v. Wheel Disc No.	09141/276	09113/236	06481/249	07111/212	08864/267	09087/367	08985/272	09113/289
	vi. R.B. Nos.	K2558	K2540	K2611	K2564	K2380	K2346	U352	U1196
	vii. R.B. Make	NBC		FAG		NBC		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4176	DISPATCH DATE:			09.02.2015
2.	RAILWAY	ECR	Type:	WGACCN	Coach No.:	14113
3.	Booked to	SSE/C&W/BJU				
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	1104/1102		
viii)	Buffer/CBC (Make)			REPL		
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			SHIVALIK		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			KRP		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			M K PRECISION		
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
		4176	EC		WGACCN		14113		28-01-2015
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	153031				153037			
	ii. Frame No.	UBLS-4425				UBLS-4457			
	iii. Axle No.	V-1626		RWF-39580		2971		7465	
	iv. Wheel Diameter	917.00	917.50	917.00	916.50	916.00	916.00	916.50	917.00
	v. Wheel Disc No.	03762/ 280	09150/ 290	09004/ 204	08912/ 227	08996/ 374	09046/ 227	06929/ 218	08867/25 0
	vi. R.B. Nos.	K2351	K2379	K2547	K2514	L3114	L3119	R284	U1256
	vii. R.B. Make	NBC		NBC		NBC		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4170	DISPATCH DATE:			10.02.2015
2.	RAILWAY	ECR	Type:	WGACCN	Coach No.:	14114
3.	Booked to	SSE/C&W/BJU				
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	1104/1100	1104/1104		
viii)	Buffer/CBC (Make)			REPL		
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		VIBGYOR	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			OVPL		
iii.	WATER TANKS			SHIVALIK, MANOJ		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			KRP		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			M K PRECISION		
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		
		4170	ECR		WGACCN	14114		28-01-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	153041				153042				
	ii. Frame No.	UBLS-4421				UBLS-4502				
	iii. Axle No.	A-4546		A-4489		U8506		K4324		
	iv. Wheel Diameter	916.00	916.50	915.50	915.00	916.50	916.00	915.00	915.00	
	v. Wheel Disc No.	04125/ 257	09012/ 268	03770/ 276	09039/ 295	03740/ 282	07202/ 239	09124/ 377	09111/37 8	
	vi. R.B. Nos.	R478	R434	U2579	U2578	S162	S150	U414	U396	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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