



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4017	DISPATCH DATE:		01.01.2015		
2.	RAILWAY	NFR	Type:	SCN	Coach No.:	14296	
3.	Booked to	SSE/C&W/GHY					
4.	Tare Weight of Coach :	38.03					
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage:	NIL
6.	Shell Details: SE90017						
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					
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1103/1104			
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	85/86			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		ESCORT				
ii.	SEAT & BERTH		SUKATA				
iii.	WATER TANKS		RAIL FAB				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		TAYAL				
vi.	UIC VESTIBULE		KRP				
vii.	WINDOWS		ABC, MECIDON				
viii.	LAV. DOORS		JR				
ix)	LP SHEET		NK				
x)	BIO- TOILET		RAIL FAB				
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	
		4017	NF		SCN		14296		01-12-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
		i.	Bogie No.		141521		141520			
	ii.	Frame No.		ASR-643		ASR-703				
	iii.	Axle No.		A-5929		W-2783		U-8098		Z-7409
	iv.	Wheel Diameter	917.00	916.50	916.50	917.00	916.00	916.50	916.00	916.50
	v.	Wheel Disc No.	07104/ 235	05953/ 385	07752/ 216	05933/ 254	08840/ 299	08839/ 240	08843/ 239	08750/26 2
	vi.	R.B. Nos.	V-1560	V-1576	V-1324	V-1547	V-1336	V-1904	V-1326	V-1579
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				PEW,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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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4016	DISPATCH DATE:			02.01.2015
2.	RAILWAY	NFR	Type:	WGSCN	Coach No.:	14295
3.	Booked to	SSE/C&W/GHY				
4.	Tare Weight of Coach :	38.03				
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage: NIL
6.	Shell Details: SE90017					
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		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	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	86/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT			Make ESCORT		
ii.	SEAT & BERTH			SUKATA		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			JR		
ix)	LP SHEET			NA		
x)	BIO- TOILET			RAIL FAB		
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		
		4016	NF		SCN		14295		01-12-2014		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	141531					141526			
	ii.	Frame No.	ASR-605					ASR-677			
	iii.	Axle No.	A-5759		P-3471		4241		4237		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	918.00	918.00	915.00	915.00	
	v.	Wheel Disc No.	06931/ 201	06930/ 246	05814/ 376	07223/ 286	08084/ 235	06942/ 208	07226/ 385	08877/25 4	
	vi.	R.B. Nos.	S-379	S-322	S-378	S-390	S-377	S-506	S-365	T-2775	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	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				

SCN-4016