



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	7005	DISPATCH DATE:			01/09/2017
2.	RAILWAY	NR	Type:	RANAC	Coach No.:	1701
3.	Booked to	SSE/C&WLKO				
4.	Tare Weight of Coach :	....				
5.	Carrying Capacity :	Seating:		Sleeping:	NIL	Luggage: NIL
6.	Shell Details:					
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			200 mm		
vii)	CBC Height	Specified : 1104 +0 /-10 mm		1105	1105	
viii)	CBC (Make )			SANROK		
ix)						
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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			ESCORT		
ii.	SEAT & BERTH			---		
iii.	WATER TANKS			----		
iv.	PVC			--		
v.	FLOOR BOARD			---		
VI	UIC VESTIBULE			---		
vi.	WINDOWS			(BODY SIDE)ABC,AGF&DOOR- AGF,EMERGENCY-ABC		
vii.	LAV. DOORS			---		
viii.	LP SHEET			---		
ix)	BIO- TOILET			---		
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
		7005	NR		RA-NAC		1701		07-03-2017
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	173057				173056			
	ii. Frame No.	ECBT-52				ECBT-55			
	iii. Axle No.	5114		8765		8887		8073	
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	18341/327	18316/323	20061/207	20094/277	19707/341	19841/388	19997/325	20073/271
	vi. R.B. Nos.	J4387	J4388	J4380	J4391	J4379	J4322	J4362	J4359
	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-E0094,E0053		PEW-E14882,E0077		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-1737,2047		GABRIEL-1673,1568		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

RANAC-7005