



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5043	DISPATCH DATE:		09.05.2015
2.	RAILWAY	CR	Type:	GS	Coach No.: 15401
3.	Booked to	SSE/C&W/CSTM			
4.	Tare Weight of Coach :	36.99T			
5.	Carrying Capacity :	Seating: 90	Sleeping: NIL	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		200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1103	1104/1104	
viii)	Buffer/CBC (Make)		ATUL		
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	GS	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY		
8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:				
i.	BRAKE EQUIPMENT		Make ESCORT		
ii.	SEAT & BERTH		OVPL		
iii.	WATER TANKS		AMIT, RUBICONE		
iv.	PVC		RESPONSIVE		
v.	FLOOR BOARD		TAYAL		
vi.	WINDOWS		ABC, MECIDON		
vii.	LAV. DOORS		SAVITRI		
viii.	LP SHEET		LP		
ix)	BIO- TOILET		ORIENTAL, DE		
10.	10.1	Modification/ Trial (if any):		NIL	
	10.2	Deviations (if any):		NIL	



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		5043	CR		GS		15401		30-04-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150543					150542			
	ii.	Frame No.	ASR-105					UBLS-1392			
	iii.	Axle No.	A-4510		W-2975		N-4761		S-7197		
	iv.	Wheel Diameter	916.50	916.00	917.00	917.00	918.00	918.00	915.00	915.00	
	v.	Wheel Disc No.	10129/ 251	10360/ 282	08245/ 249	12156/ 268	08063/ 223	03969/ 253	10380/ 225	10297/20 5	
	vi.	R.B. Nos.	C3188	C3189	C3018	C2985	L3033	L3016	A0883	A1215	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-5043



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5038	DISPATCH DATE:			11.05.2015
2.	RAILWAY	CR	Type:	GS	Coach No.:	15402
3.	Booked to	SSE/C&W/CSTM				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	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			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0/-10 mm		1104/1104	1104/1104	
viii)	Buffer/CBC (Make)			ATUL		
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	GS	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			AAR KAY FOAMS		
iii.	WATER TANKS			AMIT, RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			LP		
ix)	BIO- TOILET			ORIENTAL, DE		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date		
		5038		CR		GS		15402		30-04-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
12.2	Wheel & Axle Details:	PP Side					NPP Side					
	i.	Bogie No.	150546					150549				
	ii.	Frame No.	UBLS-1387					UBLS-1393				
	iii.	Axle No.	V-9488		9595		A-4463		A-3685			
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	918.00	918.00	917.00	917.00		
	v.	Wheel Disc No.	10179/ 236	06939/ 274	10317/ 275	10307/ 246	108843 /228	96425/ 231	10243/ 292	06386/21 3		
	vi.	R.B. Nos.	C2888	C2893	M0737	M0743	C3370	C3375	C3357	C3378		
	vii.	R.B. Make	NBC		NBC		NBC		NBC			
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing									
12.3	<u>Items Traceability:</u>											
	i.	BRAKE CYLINDER (Make)					PEW					
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE					
12.4	i.	Modification/ Trail (if any):					NIL					
	ii.	Deviations (if any):					NIL					

GS-5038