



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4005	DISPATCH DATE:			27.6.2014	
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143717	
3.	Booked to		SSE/C&W/NDLS				
4.	Tare Weight of Coach :		37.10 T				
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage:	8T
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 (AE63143) mm				
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	VIBGY OR	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			SAVITRI			
iii.	WATER TANKS			AMIT & RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			NA			
vii.	LAV. DOORS			VEE CEE, AMIR CHAND & ANKUR			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			RAIL FAB			
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

Shell No.: 4005

Dispatch Date: 18-04-2014

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140483				140477			
Frame No.	UBLS-498				ASR-985			
Axle No.	V-9977		P-3429		V-9746		T-3328	
Wheel Diameter	915.00	915.00	915.50	915.50	917.00	917.00	917.00	917.00
Wheel Disc No.	02994/1 2392	02808/1 2392	65300/1 1931	55337/0 9932	02972/ 12392	02904/1 2392	02887/1 2392	55294/0 9932
R.B. No.	Y-1897	Y-1912	B-1043	B-1054	B-1081	B-1007	B-1047	B-1050
R.B. Make	FAG		NBC		NBC		NBC	
Type	Direct Mounted Spherical Roller Bearing							

5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	BRAKE CYLINDER NO	7576,6811	6972,6820	AJT
2	SECONDARY VERTICAL DAMPER	10137,10386	10332,9920	GAB

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GSLRD-4005



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version:
05

1.	SHELL No:	4013	DISPATCH DATE:			31.7.2014
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143716
3.	Booked to	SSE/C&W/NDLS				
4.	Tare Weight of Coach :	37.10 T				
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: 8T
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 (AE63143) mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1102/1100	1104/1104	
viii)	Buffer/CBC (Make)			REPL		
ix)	Draw Gear (Make)			RK		
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	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			SAVITRI		
iii.	WATER TANKS			AMIT & RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATES		
ix)	BIO- TOILET			DARSHAN		
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

Form No.: QMF4254; Version: 05
Page 2 of 4
Dispatch Date: 02-04-2014

Shell No.: 4013

RLY	NR	Type	GSLRD	Coach No.	1443716
-----	----	------	-------	-----------	---------

BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140405				140372			
Frame No.	ASR-957				UBLS-524			
Axle No.	RWF-88091		RWF-98620		RWF-91971		W-3107	
Wheel Diameter	918.00	918.00	918.00	918.00	917.50	917.50	916.50	917.00
Wheel Disc No.	55281/0 9932	55428/0 2209	36102/0 1552	55024/0 9010	55379/ 02209	03279/1 2487	03216/1 2487	03151/1 2487
R.B. No.	M-2750	M-2751	B-1206	B-2723	A-0548	A-0549	B-1298	B-1288
R.B. Make	NBC		NBC		NBC		NBC	
Type	Direct Mounted Spherical Roller Bearing							

5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	BRAKE CYLINDER NO	6847,6827	13494,12325	AJT
2	SECONDARY VERTICAL DAMPER	9867,9840	10421,10077	GABRIAL

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GSLRD-4013