



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5002	DISPATCH DATE:			07.05.2015
2.	RAILWAY	SWR	Type:	WGACCN	Coach No.:	15107
3.	Booked to	SSE/C&W/SBC				
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	1104/1104	
viii)	Buffer/CBC (Make)			ADE		
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		APEX	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			FAIVELEY		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			SHIVALIK, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			ORIENTAL		
vi.	UIC VESTIBULE			KRP		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATE		
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			
		5002	SWR		WGACCN		15107		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.	153151					153161				
	ii.	Frame No.	UBLS-4563					UBLS-4569				
	iii.	Axle No.	W-2253		A-3933		3980		A-3773			
	iv.	Wheel Diameter	918.00	917.50	918.00	917.50	918.00	918.00	918.00	918.00		
	v.	Wheel Disc No.	09329/ 13353	09340/ 13353	60818/ 08510	09334/ 13353	09371/ 13353	60854/ 08510	08990/ 13204	11404/15 420		
	vi.	R.B. Nos.	J-2108	M-2916	J-2118	M-2895	M-2908	M-2878	A-1379	M-2872		
	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					

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5003	DISPATCH DATE:			08.05.2015	
2.	RAILWAY	SWR	Type:	WGACCN	Coach No.:	15108	
3.	Booked to	SSE/C&W/SBC					
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	1104/1104		
	viii)	Buffer/CBC (Make)	ADE				
	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	85/85		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	Make ESCORTS				
	ii.	SEAT & BERTH	DURABLE POLYMERS				
	iii.	WATER TANKS	SHIVALIK, RAIL FAB				
	iv.	PVC	RESPONSIVE				
	v.	FLOOR BOARD	ORIENTAL				
	vi.	UIC VESTIBULE	KRP				
	vii.	LAV. DOORS	SAVITRI				
	viii.	LP SHEET	NK				
	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				
		5003	SWR	WGACCN	15108	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.	153153				153165			
	ii.	Frame No.	UBLS-4585				UBLS-4547			
	iii.	Axle No.	T-3892		A-3601		A-4638		A-3668	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	06898/18600	09377/13353	06883/13600	08957/13204	09887/13966	06692/13094	09349/13356	59913/08194
	vi.	R.B. Nos.	J-2109	M-2898	J-2127	M-2882	A-1394	A-1381	A-0953	A-1520
	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				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5004	DISPATCH DATE:			25.05.2015	
2.	RAILWAY	SWR	Type:	WGACCN	Coach No.:	15109	
3.	Booked to	SSE/C&W/SBC					
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		1104/1102	1104/1104		
viii)	Buffer/CBC (Make)			HEPL			
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	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			DURABLE POLYMERS			
iii.	WATER TANKS			SHIVALIK, RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			SAVITRI			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			M K PRECISION, OMAX			
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			
		5004	SW	WGACCN	15109	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.	153220				153224			
	ii. Frame No.	UBLS-4656				UBLS-4652			
	iii. Axle No.	A-4221		A-4015		A-4376		A-4262	
	iv. Wheel Diameter	916.00	916.00	918.00	918.00	916.00	916.00	918.00	918.00
	v. Wheel Disc No.	09345/ 13353	08840/ 13172	06707/ 13094	12016/ 15571	12193/ 14227	11984/ 15571	11950/ 15571	06721/13 094
	vi. R.B. Nos.	M-3203	M-3225	L-2999	C-3142	M-3218	M-3207	C-3143	C-3146
	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			

WGACCN-5004

