



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	6022	DISPATCH DATE:			12.5.2016
2.	RAILWAY	ECR	Type:	GSLRD	Coach No.:	15709
3.	Booked to			SSE/C&W/SPJ		
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			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/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	85/85	
8.2	APPLICATION OF PCN-123					
8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			AMIR CHAND		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vii.	LAV. DOORS			GANDHI,ANUKUR,DHIJAN		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			RAIL TECH		
10.	10.1	Modification/ Trial (if any):				
	10.2	Deviations (if any):				



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11.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		6022		EC		GSLRD		15709		18-04-2016	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	160406				160408				
	ii.	Frame No.	RBO-1981				ASR-28				
	iii.	Axle No.	7413		V-9388		00409		7396		
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00	
	v.	Wheel Disc No.	12817/ 15112	12813/ 15112	12766/ 15112	12647/ 15112	12814/ 15112	04250/ 13078	12778/ 15112	12869/15 112	
	vi.	R.B. Nos.	X0142	X1358	R0031	R0015	R0002	R0021	R0019	R0006	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	Items Traceability:					PP SIDE			NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.				PEW-10007,9988			PEW-10065,9979		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-1130,1235			ESCORTS-0908,1173		
11.4	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:	6019	DISPATCH DATE:				12.5.2016
2.	RAILWAY	ECR	Type:	GSLRD	Coach No.:	15710	
3.	Booked to			SSE/C&W/SPJ			
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			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	VIBGYOR	85/85		
	8.2	APPLICATION OF PCN-123					
	8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			ESCORT		
	ii.	SEAT & BERTH			AMIR CHAND		
	iii.	WATER TANKS			AMIT		
	iv.	PVC			RESPONSIVE		
	v.	FLOOR BOARD			TAYAL		
	vii.	LAV. DOORS			GANDHI,ANUKUR,DHIJAN		
	viii.	LP SHEET			PUNJAB LAMINATE		
	ix)	BIO- TOILET			RAIL TECH		
10.	10.1	Modification/ Trial (if any):					
	10.2	Deviations (if any):					



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		6019	EC	GSLRD	15710	18-04-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	160410				160409			
	ii. Frame No.	UBLS-1979				UBLS-1978			
	iii. Axle No.	V-9463		RWF-98749		00410		RWF-98463	
	iv. Wheel Diameter	917.50	917.50	918.00	918.00	917.50	918.00	918.00	918.00
	v. Wheel Disc No.	12857/ 15112	04272/ 13078	04200/ 13078	49579/ 10345	12850/ 15112	04265/ 13078	04247/ 13078	12843/15 112
	vi. R.B. Nos.	X0156	X0125	X1332	X0154	X0152	X0117	X0152	X0158
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	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-E10002,10023		PEW-E10121,E10147		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-0861,0880		ESCORTS-1246,1265		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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Form No. : QMF4254; Version: 05

1.	SHELL No:	6020	DISPATCH DATE:				11.5.2016
2.	RAILWAY	ECR	Type:	GSLRD	Coach No.:	15708	
3.	Booked to			SSE/C&W/SPJ			
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			200 mm		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1100/1100	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	VIBGYOR	85/85		
	8.2	APPLICATION OF PCN-123					
	8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		ESCORT			
	ii.	SEAT & BERTH		AMIR CHAND			
	iii.	WATER TANKS		AMIT			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TAYAL			
	vii.	LAV. DOORS		TWPL,ANUKUR,DHIJAN			
	viii.	LP SHEET		PUNJAB LAMINATE			
	ix)	BIO- TOILET		RAIL TECH			
10.	10.1	Modification/ Trial (if any):					
	10.2	Deviations (if any):					



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date
		6020	ECR		GSLRD		15708		23-04-2016
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	160444				160442			
	ii. Frame No.	RBO-1947				ASR-227			
	iii. Axle No.	RWF-97515		1364		1361		Y-6616	
	iv. Wheel Diameter	918.00	918.00	916.00	916.00	917.00	917.00	916.00	916.00
	v. Wheel Disc No.	16652/382	16659/279	1678/22	16657/237	16509/204	16679/21	16660/328	16656/231
	vi. R.B. Nos.	X0073	X0077	R0659	R0651	X0102	X00104	R0227	R0628
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	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-10282,10196		PEW-10303,10335		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-1210,1030		ESCORTS-0948,0952		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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