



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	5008	DISPATCH DATE:				14.05.2015
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143761	
3.	Booked to			SSE/C&W/MB			
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		1104/1102	1102/1104	
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		APEX	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			OVPL			
iii.	WATER TANKS			AMIT , RUBICONE			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			NA			
vii.	LAV. DOORS			DHINJANI, AMIR CHAND & ANKUR			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			RAIL TECH			
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			
		5008	NR	GSLRD	143761	15-04-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150427				150426			
	ii. Frame No.	ASR-27				ASR-982			
	iii. Axle No.	RWF-107112		S-7263		10182		W-2351	
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	915.50	916.00	916.50	916.00
	v. Wheel Disc No.	11954/ 15571	12067/ 15571	11981/ 15571	11941/ 15571	06114/ 13471	05058/ 13830	12019/ 155721	11885/15 529
	vi. R.B. Nos.	L3198	L32189	C3097	C3079	J2145	J2147	L3222	L3213
	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, AJT			
	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:	5009	DISPATCH DATE:				16.05.2015
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143762	
3.	Booked to			SSE/C&W/MB			
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	1102/1100	
	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	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			SAVITRY		
	iii.	WATER TANKS			AMIT , RUBICONE		
	iv.	PVC			RESPONSIVE		
	v.	FLOOR BOARD			TAYAL		
	vi.	UIC VESTIBULE			NA		
	vii.	LAV. DOORS			DHINJANI, AMIR CHAND & ANKUR		
	viii.	LP SHEET			NK		
	ix)	BIO- TOILET			RAIL TECH		
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				
		5009	NR	GSLRD	143762	18-04-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150437				150438			
	ii.	Frame No.	ASR-38				ASR-33			
	iii.	Axle No.	10416		W-2321		10728		11182	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.50	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	08863/ 376	10175/ 207	06849/ 251	05826/ 239	06339/ 248	10367/ 264	10303/ 257	10194/28 7
	vi.	R.B. Nos.	C3170	C3138	L3065	L3029	C3158	C3139	C3141	C3149
	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)				AJT				
	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:	5013	DISPATCH DATE:			20.05.2015
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143763
3.	Booked to			SSE/C&W/MB		
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)			JLS		
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			ESCORTS		
ii.	SEAT & BERTH			SAVITRY		
iii.	WATER TANKS			AMIT , RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			AMIR CHAND & ANKUR		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			RAIL TECH		
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	
		5013		NR		GSLRD		143763		22-04-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150472				150456				
	ii.	Frame No.	ASR-908				ASR-907				
	iii.	Axle No.	11028		S-1809		A-5212		RWF-104609		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	10297/269	10289/278	10659/262	10576/221	10362/285	10692/219	10524/263	09058/255	
	vi.	R.B. Nos.	C-2872	C-2868	C-2947	C-2968	C-3214	C-3224	M-3131	C-3225	
	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:	5020	DISPATCH DATE:				03.06.2015
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	153701	
3.	Booked to			SSE/C&W/DLI			
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	1104/1100		
viii)	Buffer/CBC (Make)				HEPL		
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	APC	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				SAVITRY		
iii.	WATER TANKS				AMIT , RUBICONE, RAIL FAB		
iv.	PVC				RESPONSIVE		
v.	FLOOR BOARD				TAYAL		
vi.	UIC VESTIBULE				NA		
vii.	LAV. DOORS				AMIR CHAND & ANKUR		
viii.	LP SHEET				NA		
ix)	BIO- TOILET				RAIL TECH		
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		5020	NR	GSLRD	153701	22-05-2015					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150575					150629			
	ii.	Frame No.	ASR-122					ASR-157			
	iii.	Axle No.	RWF-104231		A-3939		S-1725		W-3115		
	iv.	Wheel Diameter	916.50	916.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	10641/387	09081/268	12127/392	10641/254	10441/256	10202/222	10289/266	10300/278	
	vi.	R.B. Nos.	X1213	X-0982	X1345	X1328	X1306	X1349	X1329	W1617	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)				3835,3848 AJT			E9201,E8064 PEW		
	ii.	SECONDARY Shock Absorber (Make)				10808,1015 GAB.			10813,10914 GAB.		
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:	5019	DISPATCH DATE:				06.06.2015
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	153702	
3.	Booked to			SSE/C&W/ALD			
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)			JLS			
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		APC	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			SAVITRY			
iii.	WATER TANKS			AMIT , RUBICONE			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			NA			
vii.	LAV. DOORS			AMIR CHAND & ANKUR			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			RAIL TECH			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			



रेल डिब्बा कारखाना, कपूरथला

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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5019	NR	GSLRD	153702	21-05-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150591				150627			
	ii.	Frame No.	ASR-10				UBLS-1384			
	iii.	Axle No.	S-1777		104		A-4471		11813	
	iv.	Wheel Diameter	916.50	916.00	917.00	917.00	916.00	916.00	916.00	916.00
	v.	Wheel Disc No.	11983/243	10744/221	11994/254	10428/259	10746/312	10405/247	10383/202	10146/287
	vi.	R.B. Nos.	X2056	X0962	X1590	X1599	X-1137	X-1132	X-0483	X-0528
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				3828,5765 AJT		E8047,E-9175 PEW		
	ii.	SECONDARY Shock Absorber (Make)				00226,00480 K/B		99936,00585 K/B		
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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