



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7001	DISPATCH DATE:			23.02.2017
2.	RAILWAY	NFR	Type:	GSLRD	Coach No.:	16727
3.	Booked to			SSE/C&W/GHY		
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	
viii)	Buffer/CBC (Make)			ESCORTS		
ix)	Draw Gear (Make)					
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					
8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			AAR KAY FOAMS		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vii.	LAV. DOORS			TWPL,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				
		7001	NFR	GSLRD	16227	02-01-2017				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	161362				161341				
	ii. Frame No.	ASR-438				ASR-560				
	iii. Axle No.	S-8237		M-9743		K-5188		00239		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.50	917.00	917.00	
	v. Wheel Disc No.	19903/322	20149/245	19743/353	19556/222	13763/311	19548/391	18282/203	18745/276	
	vi. R.B. Nos.	J0279	J0309	L0461	L0460	F3193	F3192	J0209	J0189	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	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-8431,9459		PEW-3931,9446		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-4433,4676		GABRIEL-4191,4424		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GSLRD-7001



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7002	DISPATCH DATE:				28.02.2017
2.	RAILWAY	NFR	Type:	GSLRD	Coach No.:	16728	
3.	Booked to			SSE/C&W/GHY			
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	1100/1104	
	viii)	Buffer/CBC (Make)			ESCORT		
	ix)	Draw Gear (Make)			--		
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	G.S.IND.	86/86		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		KBI			
	ii.	SEAT & BERTH		AAR KAYEE			
	iii.	WATER TANKS		,AMIT			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		DHINJAN,BEE CEE,PWPL			
	viii.	LP SHEET		PUNJAB LAMINATE			
	ix)	BIO- TOILET		JSL LIFE STYLE			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		7002	NFR	GSLRD	16728	31-12-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	161357				161352			
	ii. Frame No.	RBO-2087				TEXMACO-14			
	iii. Axle No.	P-3442		M-9569		5164		RWF-111788	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.50	917.00	917.00
	v. Wheel Disc No.	19649/265	19820/392	20155/325	19978/267	20100/285	19566/295	12130/312	12131/997
	vi. R.B. Nos.	K0177	K0216	F3382	F3400	F3154	F3236	F3178	F3229
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	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-9505,9418		PEW-9447,9381		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-4432,4604		GABRIEL-4439,4343		
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:	6123	DISPATCH DATE:			01.02.2017
2.	RAILWAY	NFR	Type:	GSLRD	Coach No.:	16721
3.	Booked to			SSE/C&W/GHY		
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)			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	85/86	
8.2	APPLICATION OF PCN-123					
8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			AAR KAY FOAMS		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vii.	LAV. DOORS			GANDHI,RCF, BEE CEE		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			JSL		
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				
		6123	NFR	GSLRD	16721	14-01-2017				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	170038				170043				
	ii. Frame No.	FASL-16				FASL-12				
	iii. Axle No.	M-9925		4586		4604		S-8613		
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	19724/ 235	20129/ 310	13934/ 313	19699/ 281	19908/ 328	13923/ 282	19805/ 323	19805/32 3	
	vi. R.B. Nos.	K0301	K0256	K0411	H2922	H2969	H2911	K0526	K0501	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	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-F9424,F9413		PEW-F0137,F0095		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-2198,1642		GABRIEL-2197,1641		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GSLRD-6123



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Form No. : QMF4254; Version: 05

1.	SHELL No:	6122	DISPATCH DATE:				14.02.2017
2.	RAILWAY	NFR	Type:	GSLRD	Coach No.:	16723	
3.	Booked to			SSE/C&W/GHY			
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)			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	85/86		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		KBI			
	ii.	SEAT & BERTH		AAR KAYEE			
	iii.	WATER TANKS		RAIL FAB,AMIT			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		DHINJAN,BEE CEE,TWPL			
	viii.	LP SHEET		PUNJAB LAMINATE			
	ix)	BIO- TOILET		JSL LIFE STYLE			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date
		6122	NFR		GSLRD		16723		29-12-2016
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	161360				161340			
	ii. Frame No.	RBO-2164				RBO-2295			
	iii. Axle No.	5189		J-8982		K-7276		3938	
	iv. Wheel Diameter	917.00	917.00	917.50	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	19713/318	20118/323	19727/245	19672/271	20122/210	19588/315	20127/345	13946/381
	vi. R.B. Nos.	G0139	G0045	G0111	G0127	J0138	J0136	J0158	J0125
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	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-9485,9394		PEW-9402,9507		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-4621,4659		GABRIEL-4661,4590		
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:	6125	DISPATCH DATE:				15.02.2017
2.	RAILWAY	NFR	Type:	GSLRD	Coach No.:	16724	
3.	Booked to			SSE/C&W/GHY			
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)			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	85/86		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		KBI			
	ii.	SEAT & BERTH		AAR KAYEE			
	iii.	WATER TANKS		AMIT			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		DHINJAN,BEE CEE,TWPL			
	viii.	LP SHEET		PUNJAB LAMINATE			
	ix)	BIO- TOILET		JSL LIFE STYLE			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		6125	NFR		GSLRD		16724		07-01-2017		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	170007				170005				
	ii.	Frame No.	FSAL-09				RBO-2149				
	iii.	Axle No.	5067		M-8470		P-3763		N-0221		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	20043/207	20153/281	19033/312	20157/315	20147/328	19907/343	19684/394	18429/283	
	vi.	R.B. Nos.	F3088	F3126	K0705	K0720	F3089	F3104	J0379	F3107	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	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-9301,9405			PEW-9422,9474		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-2185,2186			GABRIEL-2184,2221		
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:	6126	DISPATCH DATE:				16.02.2017
2.	RAILWAY	NFR	Type:	GSLRD	Coach No.:	16725	
3.	Booked to			SSE/C&W/GHY			
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	VIBGYOR	85/86		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		KBI			
	ii.	SEAT & BERTH		AAR KAYEE			
	iii.	WATER TANKS		AMIT			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		DHINJAN,BEE CEE,TWPL			
	viii.	LP SHEET		PUNJAB LAMINATE			
	ix)	BIO- TOILET		JSL LIFE STYLE			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		6126	NFR	GSLRD	16725	31-12-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	161361				161359			
	ii. Frame No.	RBO-2155				ASR-882			
	iii. Axle No.	K-7980		S-8879		S-8796		5182	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	19679/ 267	19681/ 328	19934/ 341	19592/ 324	19901/ 207	19829/ 348	19580/ 244	19935/32 5
	vi. R.B. Nos.	G0014	G0029	J0111	J0118	J0293	J0298	J0318	J0311
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			AJTECH-9514,1241			PEW-9428,9498	
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-4436,4207			GABRIEL-4437,4619	
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:	6124	DISPATCH DATE:			03.02.2017	
2.	RAILWAY	NFR	Type:	GSLRD	Coach No.:	16722	
3.	Booked to			SSE/C&W/GHY			
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		1102/1103	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	85/86		
	8.2	APPLICATION OF PCN-123					
	8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		KBI			
	ii.	SEAT & BERTH		AAR KAY FOAMS			
	iii.	WATER TANKS		AMIT, RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vii.	LAV. DOORS		TWPL, DHINJAN, BEE CEE			
	viii.	LP SHEET		PUNJAB LAMINATE			
	ix)	BIO- TOILET		JSL			
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	
		6124		NFR		GSLRD		16722		25-01-2017	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	170078				170077				
	ii.	Frame No.	ASR-900				ASR-911				
	iii.	Axle No.	5171		8616		8338		8376		
	iv.	Wheel Diameter	916.00	916.00	917.50	918.00	917.50	917.00	917.50	917.00	
	v.	Wheel Disc No.	19878/ 297	19879/ 342	19665/ 271	20060/ 397	19862/ 232	19811/ 347	20131/ 389	22057/34 4	
	vi.	R.B. Nos.	K0515	K0536	K0568	K0587	K0522	K0535	K0533	K0527	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	Items Traceability:					PP SIDE			NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.				PEW-E10029,E9987			PEW-E10004,E10000		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-1693,1637			GABRIEL-1613,1820		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

GSLRD-6124



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	6127	DISPATCH DATE:			27.02.2017	
2.	RAILWAY	NFR	Type:	GSLRD	Coach No.:	16726	
3.	Booked to			SSE/C&W/GHY			
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		1102/1103	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	G.S. IND.	85/86		
	8.2	APPLICATION OF PCN-123					
	8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			KBI		
	ii.	SEAT & BERTH			AAR KAY FOAMS		
	iii.	WATER TANKS			AMIT,		
	iv.	PVC			RESPONSIVE		
	v.	FLOOR BOARD			TWPL		
	vii.	LAV. DOORS			TWPL, DHINJAN, BEE CEE		
	viii.	LP SHEET			PUNJAB LAMINATE		
	ix)	BIO- TOILET			JSL		
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				
		6127	NFR	GSLRD	16726	26-12-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	161334				161339				
	ii. Frame No.	RBO-2283				RBO-2275				
	iii. Axle No.	S-8421		00479		S-8216		S-8154		
	iv. Wheel Diameter	917.00	917.00	918.00	918.00	917.00	917.00	918.00	918.00	
	v. Wheel Disc No.	19712/383	19776/321	18224/269	18145/237	20991/310	21246/340	20072/397	20082/241	
	vi. R.B. Nos.	F3200	F3239	J0170	J0205	G0242	J0212	J0180	J0192	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	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-3961,3938			PEW-9515,9478		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-4635,4426			GABRIEL-4184,4203		
11.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			NIL					