



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7010	DISPATCH DATE:				04/05/17
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	163720	
3.	Booked to			SSE/C&W/LKO			
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)	CBC Height		Specified : 1104 +0 /-10 mm		1103	1103	
viii)	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	GS	85/86		
8.2	APPLICATION OF PCN-123			SATISFACTORY			
8.3	INSUALTION			SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			FAVELLY			
ii.	SEAT & BERTH			ARR KAYEE			
iii.	WATER TANKS			AMIT ,RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			OVPL			
vi.	LAV. DOORS			GANDHI, ANKUR			
vii.	LP SHEET			PUNJAB LAMINATE			
VIII	BIO- TOILET			JSL LIFE STYL LTD.			
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	
		7010		NR		GSLRD		163720		28-04-2017	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	170311				170317				
	ii.	Frame No.	ASR-1067				ASR-610				
	iii.	Axle No.	K-7584		M-9620		8940		S-8532		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.50	917.00	
	v.	Wheel Disc No.	20077/398	20040/267	18343/386	18398/234	18374/37	18387/386	20064/379	20017/390	
	vi.	R.B. Nos.	U2182	U2164	U2244	U2154	U1128	U2163	U2160	U2144	
	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-K12025,K11991			PEW-K11696,K11628		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-17666,17631			K/B-17718,17630		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

GSLRD-7010



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Form No. : QMF4254; Version: 05

1.	SHELL No:	7015	DISPATCH DATE:			26.05.2017
2.	RAILWAY	NR	Type:	GSLRD/CBC	Coach No.:	163725
3.	Booked to			SSE/C&W/LKO		
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104	1104
	viii)	CBC (Make)			SANROK	
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		ESCORTS		
	ii.	SEAT & BERTH		AAR KAY FOAMS		
	iii.	WATER TANKS		AMIT, RAIL FAB		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		OVPL/TWPL		
	vi.	UIC VESTIBULE		--		
	vii.	LAV. DOORS		TWPLI, DHINJAN, ANKUR		
	viii.	LP SHEET				
	ix)	BIO- TOILET		JSL		
10.	10.1	Modification/ Trial (if any):				
	10.2	Deviations (if any):				



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RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170355357

11.	Bogie Details:	Shell No. 7015	Railway NR	Type GSLRD	Coach No. 163725/C	Dispatch Date 26-MAY-17			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	170355			170357				
ii.	Frame No.	ASR-1009			ASR-1099				
iii.	Axle No.	04567	9297	K-8612	7722				
iv.	Wheel Diameter	918.00	918.00	917.00	917.00	917.00	917.00	917.00	
v.	Wheel Disc No.	18158-324	20055-283	18164-271	19562-334	18412-326	18342-277	18411-315	18366-215
vi.	RB Nos	H1003	H0999	H1196	H1195	H1197	H0492	H0512	H1198
vii.	RB Make	NBC		NBC		NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3	Items traceability:								
i.	Break Cylinder Make & No.	AJTECH-1818,1788			AJTECH-1724,1792				
ii.	Secondary shock Absorber Make & NO.	KNORR-17725,14500			KNORR-17669,14623				
11.4	i.	Modification/Trail (if any):							
	ii.	Deviations (if any):							



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1.	SHELL No:	7007	DISPATCH DATE:				13.05.2017
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	163717	
3.	Booked to			SSE/C&W/LKO			
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)	CBC Height	Specified : 1104 +0 /-10 mm		1103	1104		
viii)	CBC (Make) SANROK						
ix)	Draw Gear (Make)						
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			KBI			
ii.	SEAT & BERTH			AAR KAY FOAMS			
iii.	WATER TANKS			AMIT ,RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			OVPL			
vi.	LAV. DOORS			GANDHI, ANKUR, DHINJAN			
vii.	LP SHEET			PUNJAB LAMINATE			
VIII	BIO- TOILET			JSL LIFE STYL LTD.			
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	
		7007		NR		GSLRD		163717		30-03-2017	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	170228				170226				
	ii.	Frame No.	ASR-959				ASR-466				
	iii.	Axle No.	8928		8533		8895		6814		
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	917.00	917.00	918.00	918.00	
	v.	Wheel Disc No.	19541/ 397	20114/ 283	18228/ 277	19874/ 279	20024/ 378	19830/ 203	19588/ 388	19837/24 7	
	vi.	R.B. Nos.	K0414	K0386	K0420	K0393	K0399	K0413	K0396	K0384	
	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-K11604,K11620			PEW-K11578,K11586		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-14544,14542			K/B-14521,14661		
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:	7013	DISPATCH DATE:			15.05.2017
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	163723
3.	Booked to			SSE/C&W/LKO		
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)	CBC Height		Specified : 1104 +0/-10 mm	1098	1097	
viii)	CBC (Make) SANROK					
ix)	Draw Gear (Make)					
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	85/86	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			AAR KAY FOAMS		
iii.	WATER TANKS			AMIT ,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL/TWPL		
vi.	LAV. DOORS			TWPL, ANKUR, DHINJAN		
vii.	LP SHEET			PUNJAB LAMINATE		
VIII	BIO- TOILET			JSL LIFE STYL LTD.		
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		
		7013	NR		GSLRD		163723		06-05-2017		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	170345				170344				
	ii.	Frame No.	ASR-1098				ASR-1091				
	iii.	Axle No.	5104		K-8495		5057		H-0068		
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00	
	v.	Wheel Disc No.	18242/215	18408/237	21503/203	20147/245	18409/354	18422/222	16747/381	18169/326	
	vi.	R.B. Nos.	T2215	S0254	S0534	S0229	T2239	S0552	H1008	H1010	
	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-E11568,E12287			PEW-E10257,E10283		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-17534,14524			K/B-14536,14522		
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:	7014	DISPATCH DATE:				16.05.2017
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	163724	
3.	Booked to			SSE/C&W/LKO			
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)	CBC Height		Specified : 1104 +0 /-10 mm		1104	1104	
viii)	CBC (Make) SANROK						
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			SATISFACTORY			
8.3	INSUALTION			SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			AAR KAY FOAMS			
iii.	WATER TANKS			AMIT ,RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			OVPL/TWPL			
vi.	LAV. DOORS			TWPL, ANKUR, DHINJAN			
vii.	LP SHEET			PUNJAB LAMINATE			
VIII	BIO- TOILET			JSL LIFE STYL LTD.			
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		
		7014	NR		GSLRD		163724		08-05-2017		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	170347					170348			
	ii.	Frame No.	ASR-765					ASR-1086			
	iii.	Axle No.	8641		8883		5056		5497		
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00	
	v.	Wheel Disc No.	18419/334	18372/329	18401/253	18419/248	18347/312	18418/278	10322/286	18313/386	
	vi.	R.B. Nos.	S0124	S0197	S0156	S0183	S0143	S0168	S0179	S0199	
	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-10274,10280		PEW-10259,10271		
	ii.	SECONDARY Shock Absorber Make &NO.					K/B-14717,14526		K/B-17565,14597		
11.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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1.	SHELL No:	7011	DISPATCH DATE:				11.05.2017
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	163721	
3.	Booked to			SSE/C&W/LKO			
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104	1104	
	viii)	CBC (Make) SANROK					
	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			SATISFACTORY		
	8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			ESCORTS		
	ii.	SEAT & BERTH			AAR KAY FOAMS		
	iii.	WATER TANKS			AMIT ,RAIL FAB		
	iv.	PVC			RESPONSIVE		
	v.	FLOOR BOARD			OVPL		
	vi.	LAV. DOORS			ANKUR, DHINJAN		
	vii.	LP SHEET			PUNJAB LAMINATE		
	VIII	BIO- TOILET			JSL LIFE STYL LTD.		
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	
		7011		NR		GSLRD		163721		24-04-2017	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	170322				170312				
	ii.	Frame No.	UBLS-2360				RBO-2379				
	iii.	Axle No.	7091		V-6873		H-0147		H-0014		
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	18127/283	15660/329	18346/382	18407/206	18359/397	18382/318	19321/378	18343/327	
	vi.	R.B. Nos.	S0100	S0315	S0273	S0327	L0092	L0096	L0101	L0065	
	vii.	R.B. Make	FAG		FAG		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	Items Traceability:					PP SIDE			NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.				AJT-1350,1568			AJT-1835,PEW-E10288		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORT-6218,5701			K/B-17503,17746		
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:	7012	DISPATCH DATE:				12.05.2017
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	163722	
3.	Booked to			SSE/C&W/LKO			
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104	1104	
	viii)	CBC (Make) SANROK					
	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	85/86		
	8.2	APPLICATION OF PCN-123			SATISFACTORY		
	8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			ESCORTS		
	ii.	SEAT & BERTH			AAR KAY FOAMS		
	iii.	WATER TANKS			RUBICONE ,RAIL FAB		
	iv.	PVC			RESPONSIVE		
	v.	FLOOR BOARD			OVPL/TWPL		
	vi.	LAV. DOORS			ANKUR, DHINJAN, TWPL		
	vii.	LP SHEET			PUNJAB LAMINATE		
	VIII	BIO- TOILET			JSL LIFE STYL LTD.		
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			
		7012	NR	GSLRD	163722	04-05-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	170338				170281			
	ii. Frame No.	ASR-1081				ASR-593			
	iii. Axle No.	8775		M-9808		M-8025		K-8529	
	iv. Wheel Diameter	917.50	917.50	917.50	917.50	918.00	917.50	918.00	918.00
	v. Wheel Disc No.	70542/ 12184	59421/ 10072	70586/ 12184	60041/ 10253	70664/ 12656	70690/ 12656	59140/ 09616	70655/12 184
	vi. R.B. Nos.	H0435	K0752	H0455	H0440	S0372	S0779	S0509	S0830
	vii. R.B. Make	NBC		NBC		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-E10290,E10276			AJTECH-1865,1774	
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-17616,17605			ESCORTS-6292,5910	
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:	7009	DISPATCH DATE:				11.05.2017
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	163719	
3.	Booked to			SSE/C&W/LKO			
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104	1097	
	viii)	CBC (Make) SANROK					
	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		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		KBI			
	ii.	SEAT & BERTH		AAR KAY FOAMS			
	iii.	WATER TANKS		RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		OVPL			
	vi.	LAV. DOORS		ANKUR, DHINJAN, TWPL			
	vii.	LP SHEET		PUNJAB LAMINATE			
	VIII	BIO- TOILET		JSL LIFE STYL LTD.			
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
		7009	NR		GSLRD		163719		15-04-2017
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	170256				170260			
	ii. Frame No.	ASR-1043				RBO-2387			
	iii. Axle No.	K-7292		S-8307		S-8028		K-8814	
	iv. Wheel Diameter	918.00	918.00	916.50	916.50	916.50	916.50	916.50	916.50
	v. Wheel Disc No.	70620/12184	70857/12184	62837/10804	59059/09616	60103/10253	54193/07991	70676/12656	59044/09616
	vi. R.B. Nos.	S0138	S0129	S0243	T2526	T2516	S0188	T2514	S0277
	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-11650,11547		PEW-11607,11595		
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-14520,14538		K/B-14643,14649		
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:	7008	DISPATCH DATE:				01/05/17
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	163718	
3.	Booked to			SSE/C&W/LKO			
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)	CBC Height	Specified : 1104 +0 /-10 mm		1102	1104	
	viii)	CBC (Make) SANROK					
	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		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		KBI			
	ii.	SEAT & BERTH		ARR KAYEE			
	iii.	WATER TANKS		AMIT ,RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		OVPL			
	vi.	LAV. DOORS		GANDHI, ANKUR , DHINNAN			
	vii.	LP SHEET		PUNJAB LAMINATE			
	VIII	BIO- TOILET		JSL LIFE STYL LTD.			
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			
		7008	NR	GSLRD	163718/C	06-04-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	170249				170250			
	ii. Frame No.	ASR-1039				UBLS-2369			
	iii. Axle No.	S-8396		V-2894		S-8811		9112	
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	917.00	917.00
	v. Wheel Disc No.	18238/286	19571/343	18329/285	18123/316	20069/315	18216/271	21971/332	22049/392
	vi. R.B. Nos.	S0054	S0762	S0771	S0764	S0241	S0429	S0769	S0683
	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-11579,11561			PEW-K11692,K11597	
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-14700,14738			K/B-14695,14734	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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