



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	6062	DISPATCH DATE:			18.08.16
2.	RAILWAY	ER	Type:	GSLRD	Coach No.:	16703
3.	Booked to			SSE/C&W/LILUAH		
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)			RK		
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					
8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			FAVELLY		
ii.	SEAT & BERTH			AMIR CHAND		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi.	UIC VESTIBULE					
vii.	LAV. DOORS			ANKUR,,DHINJAN,TWPL		
viii.	LP SHEET			PL		
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		
		6062	ER		GSLRD		16703		09-08-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	160891				160892					
	ii. Frame No.	ASR-383				ASR-432					
	iii. Axle No.	3249		2608		RWF-88120		3204			
	iv. Wheel Diameter	916.50	916.00	916.00	916.00	917.00	917.00	915.00	915.00		
	v. Wheel Disc No.	32943/03452	32852/03452	32959/03452	33002/03413	33063/03413	29947/02394	32987/--	33120/03413		
	vi. R.B. Nos.	V1892	V1612	V1790	V1946	V2106	V2067	V1950	V1952		
	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-15174,00332			PEW-15183,15199		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-5732,6161			ESCORTS-5928,5634		
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:	6064	DISPATCH DATE:				19.08.16
2.	RAILWAY	ER	Type:	GSLRD	Coach No.:	16705	
3.	Booked to			SSE/C&W/LILUAH			
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)			RK		
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		ESCORT			
	ii.	SEAT & BERTH		AMIR CHAND			
	iii.	WATER TANKS		AMIT,RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vii.	LAV. DOORS		ANKUR,,DHINJAN,TWPL			
	viii.	LP SHEET		--			
	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
		6064	ER		GSLRD		16705		10-08-2016
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	160908				160909			
	ii. Frame No.	ASR-573				ASR-381			
	iii. Axle No.	K-1228		3237		K-5169		A-5502	
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	19779/ 229	19782/ 215	20098/ 393	20074/ 383	18376/ 395	18371/ 215	19759/ 220	19709/31 3
	vi. R.B. Nos.	V1909	V1913	V1854	V1871	V1921	V1908	V1891	V1902
	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-00334,00318		PEW-00221,00338		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-5993,5997		ESCORTS-6160,5922		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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1.	SHELL No:	6063	DISPATCH DATE:				17.08.16
2.	RAILWAY	ER	Type:	GSLRD	Coach No.:	16704	
3.	Booked to			SSE/C&W/LILUAH			
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	1104/1103	
	viii)	Buffer/CBC (Make)					
	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					
	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			TWPL		
	vi.	UIC VESTIBULE					
	vii.	LAV. DOORS			ANKUR,,DHINJAN,TWPL		
	viii.	LP SHEET			PL		
	ix)	BIO- TOILET			JSL LIFE STYLE LTD		
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		
		6063	ER		GSLRD		16704		12-08-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	160885				160883					
	ii. Frame No.	ASR-522				ASR-519					
	iii. Axle No.	W-0014		2957		2920		M-8014			
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00		
	v. Wheel Disc No.	18259/336	20089/249	19807/223	20103/317	18677/388	19680/394	20101/297	20078/322		
	vi. R.B. Nos.	V1906	V1925	V1894	V1951	V1948	V1969	V1944	V1965		
	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-E15182,E15190			PEW-E15212,E15154		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-5867,6154			ESCORTS-6244,6212		
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:	6069	DISPATCH DATE:				31.08.16
2.	RAILWAY	ER	Type:	GSLRD	Coach No.:	16710	
3.	Booked to			SSE/C&W/LILUAH			
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)			RK		
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	NEROLAC	85/86		
	8.2	APPLICATION OF PCN-123					
	8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		FAVELLY			
	ii.	SEAT & BERTH		AMIR CHAND			
	iii.	WATER TANKS		AMIT,RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vii.	LAV. DOORS		ANKUR,,DHINJAN,TWPL			
	viii.	LP SHEET		--			
	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		
		6069	ER		GSLRD	16710	16-08-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	160923				160899			
	ii. Frame No.	ASR-537				UBLS-2152			
	iii. Axle No.	Y-6855		P-3327		3272		Y-6662	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.50	917.00	917.00	917.00
	v. Wheel Disc No.	19819/277	19717/330	20073/395	20061/235	20097/263	19770/382	19679/283	19737/279
	vi. R.B. Nos.	V1811	V1508	V1705	V1835	V2066	V1815	V2052	V1759
	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-00375,14941		PEW-00330,00360		
	ii.	SECONDARY Shock Absorber Make &NO.			GAB-6613,6635		ESCORTS-5903,5646		
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:	6070	DISPATCH DATE:				31.08.16
2.	RAILWAY	ER	Type:	GSLRD	Coach No.:	16711	
3.	Booked to			SSE/C&W/LILUAH			
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)			RK		
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	NEROLAC	88/89		
	8.2	APPLICATION OF PCN-123					
	8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		FAVELLY			
	ii.	SEAT & BERTH		AMIR CHAND			
	iii.	WATER TANKS		AMIT,RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vii.	LAV. DOORS		ANKUR,,DHINJAN,TWPL			
	viii.	LP SHEET		--			
	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				
		6070	ER	GSLRD	16711	16-08-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	160916				160920			
	ii.	Frame No.	ASR-385				ASR-592			
	iii.	Axle No.	M-9852		1805		K-7078		V-9510	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	33272/ 03162	32894/ 03452	33220/ 03162	33117/ 03413	10317/ 14527	04183/ 13078	10313/ 4527	53149/11 227
	vi.	R.B. Nos.	V1655	V1610	V1596	V1611	W1854	W1862	W2351	W1899
	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-00327,00277		PEW-00309,00275		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-6215,5639		ESCORTS-6254,5875		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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1.	SHELL No:	6068	DISPATCH DATE:				30.08.16
2.	RAILWAY	ER	Type:	GSLRD	Coach No.:	16709	
3.	Booked to			SSE/C&W/LILUAH			
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	NEROLAC	87/88		
	8.2	APPLICATION OF PCN-123					
	8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		FAVELLY			
	ii.	SEAT & BERTH		AMIR CHAND			
	iii.	WATER TANKS		AMIT,RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vi.	UIC VESTIBULE					
	vii.	LAV. DOORS		ANKUR,,DHINJAN,TWPL			
	viii.	LP SHEET		pl			
	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			
		6068	ER	GSLRD	16709	16-08-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	160890				160889			
	ii. Frame No.	RBO-1941				ASR-579			
	iii. Axle No.	M-7720		M-8227		M-7929		K-1213	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.00	916.00
	v. Wheel Disc No.	33221/03162	33196/03162	33101/03413	33218/03162	32985/03413	33172/03162	33128/03162	33217/03162
	vi. R.B. Nos.	V1886	V1883	C-0823	C-0840	V1917	V1929	V1889	V1907
	vii. R.B. Make	FAG		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-E15172,E15189			PEW-E15181,E15228	
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-6132,5754			ESCORTS-5900,5930	
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:	6065	DISPATCH DATE:				24.08.16
2.	RAILWAY	ER	Type:	GSLRD	Coach No.:	16706	
3.	Booked to			SSE/C&W/LILUAH			
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)			RK		
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	NAROLAK	85/86		
	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,RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vii.	LAV. DOORS		ANKUR,,DHINJAN,TWPL			
	viii.	LP SHEET		--			
	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		
		6065	ER		GSLRD		16706		12-08-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	160895				160896					
	ii. Frame No.	RBO-2031				ASR-352					
	iii. Axle No.	2676		M-8228		P-3114		K-5575			
	iv. Wheel Diameter	918.00	918.00	916.00	916.00	917.00	917.00	917.00	917.00		
	v. Wheel Disc No.	19670/210	18345/286	19718/277	20043/265	20099/215	20102/389	19808/205	18303/251		
	vi. R.B. Nos.	V1672	V2028	V1792	V1958	V2062	V1841	V1862	V1861		
	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-E15169,E15200			PEW-E15016,E00307		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-6133,5629			ESCORTS-5698,5969		
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:	6066	DISPATCH DATE:				26.08.16
2.	RAILWAY	ER	Type:	GSLRD	Coach No.:	16707	
3.	Booked to			SSE/C&W/LILUAH			
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)			RK		
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	NEROLAC	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,RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vi.	UIC VESTIBULE					
	vii.	LAV. DOORS		ANKUR,,DHINJAN,TWPL			
	viii.	LP SHEET		--			
	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		
		6066	ER		GSLRD		16707		18-08-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	160919				160928					
	ii. Frame No.	ASR-391				ASR-376					
	iii. Axle No.	M-7535		K-0843		K-7420		K-0977			
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	917.00	916.50	916.00	916.00		
	v. Wheel Disc No.	32857/ 03452	33187/ 03162	13534/ 15411	12849/ 15112	13543/ 15411	13757/ 13478	13786/ 15478	13836/15 478		
	vi. R.B. Nos.	V1796	V1838	W1945	W1959	C-0914	C-0868	W2179	W2180		
	vii. R.B. Make	FAG		FAG		NBC		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-E00359,E00303			PEW-00242,00257		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-6903,6423			GABRIEL-6420,6424		
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:	6067	DISPATCH DATE:				26.08.16
2.	RAILWAY	ER	Type:	GSLRD	Coach No.:	16708	
3.	Booked to			SSE/C&W/LILUAH			
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)			RK		
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	NEROLAC	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,RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TWPL			
	vi.	UIC VESTIBULE					
	vii.	LAV. DOORS		ANKUR,,DHINJAN,TWPL			
	viii.	LP SHEET		--			
	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			
		6067	ER	GSLRD	16708	17-08-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	160912				160913			
	ii. Frame No.	UBLS-2186				ASR-355			
	iii. Axle No.	K-7485		M-9980		2998		M-9902	
	iv. Wheel Diameter	915.00	915.00	916.50	916.50	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	33149/ 03162	32895/ 03452	33078/ 03413	33003/ 03413	33103/ 03413	28978/ 02158	33211/ 03162	33071/03 413
	vi. R.B. Nos.	C-0851	C-0848	V1619	V1661	V1995	V1600	V2037	V2043
	vii. R.B. Make	NBC		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-E00319,E00335			PEW-00255,00281	
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-5130,5738			ESCORTS-5922,6052	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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