



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	5088	DISPATCH DATE:				02.12.2015
2.	RAILWAY	SR	Type:	GSLRD	Coach No.:	15723	
3.	Booked to			SSE/C&W/PER			
4.	Tare Weight of Coach :			37.10 T			
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: 8T	
6.	Shell Details: (SG-90004 alt 'b')						
	6.1	Leading Dimensions;					
	i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
	ii)	Maximum length over Body			21337 ± 10		
	iii)	Maximum length over Buffer			22297 ± 15		
	iv)	Maximum width over Body			3245 ± 5		
	v)	Maximum width over Flasher light			3402 +0/-5		
	vi)	Minimum height above rail level to the lowest fitting			200 mm		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104	
	viii)	Buffer/CBC (Make)			ATUL		
	ix)	Draw Gear (Make)			EMSON		
7.	Air Brake Testing:						
	Description			Specified			
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
	7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
	7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	VIBGYOR	85/86		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		ESCORTS			
	ii.	SEAT & BERTH		FLEXO FOAMS			
	iii.	WATER TANKS		AMIT, RUBICONE			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TAYAL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		DHINJAN & ANKUR			
	viii.	LP SHEET		PUNJAB LAMINATE			
	ix)	BIO- TOILET		RAIL FAB			
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	
		5088		SR		GSLRD		15723		26-11-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	151517				151516				
	ii.	Frame No.	ASR-821				ASR-823				
	iii.	Axle No.	J-3254		J-9039		J-8655		K-7175		
	iv.	Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	05940/273	06314/275	06364/252	14133/295	08070/263	14118/249	06222/201	14026/246	
	vi.	R.B. Nos.	H0938	H0926	H0881	H0884	H0889	H0902	H0878	H0865	
	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-10141,10152			PEW-10105,10136		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-8772,8543			ESCORTS-8784,8554		
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:	5084	DISPATCH DATE:				02.12.2015
2.	RAILWAY	SR	Type:	GSLRD	Coach No.:	15750	
3.	Booked to		SSE/C&W/PER				
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		1102/1104	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	86/87		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		ESCORTS			
	ii.	SEAT & BERTH		FLEXO FOAMS			
	iii.	WATER TANKS		AMIT			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TAYAL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		GANDHI & ANKUR			
	viii.	LP SHEET		NA			
	ix)	BIO- TOILET		RAIL FAB			
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	
		5084		SR		GSLRD		15750		23-11-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	151509				151508				
	ii.	Frame No.	ASR-834				ASR-831				
	iii.	Axle No.	H-0064		H-0141		Y-6661		J-8791		
	iv.	Wheel Diameter	915.00	915.00	915.50	915.00	916.00	916.00	915.50	915.00	
	v.	Wheel Disc No.	10367/210	10296/228	15366/254	14084/384	07364/387	06314/244	12296/383	06377/249	
	vi.	R.B. Nos.	G1526	G1523	G1419	G1496	H0931	H0952	G1529	G1528	
	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-10132,10154			PEW-10107,10155		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-9030,9027			ESCORTS-8758,8725		
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:	5086	DISPATCH DATE:				02.12.2015
2.	RAILWAY	SR	Type:	GSLRD	Coach No.:	15751	
3.	Booked to			SSE/C&W/PER			
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	85/85		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		ESCORTS			
	ii.	SEAT & BERTH		RCF			
	iii.	WATER TANKS		AMIT			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TAYAL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		DHINJAN & ANKUR			
	viii.	LP SHEET		PUNJAB LAMINATE			
	ix)	BIO- TOILET		RAIL FAB			
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	
		5086		SR		GSLRD		15751		24-11-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	151510				151513				
	ii.	Frame No.	ASR-828				ASR-801				
	iii.	Axle No.	J-8792		H-0062		J-3271		J-8795		
	iv.	Wheel Diameter	916.00	916.00	915.00	915.00	918.00	918.00	917.00	917.00	
	v.	Wheel Disc No.	06971/ 251	06966/ 295	12092/ 219	08092/ 245	06377/ 2785	06940/ 223	16297/ 322	06292/31 4	
	vi.	R.B. Nos.	G1525	G1509	F1190	F1189	G1511	H0876	H0892	H0908	
	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-11773,6721			PEW-14877,11321		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-8633,8657			ESCORTS-8642,8652		
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:	5082	DISPATCH DATE:				28.11.2015
2.	RAILWAY	SR	Type:	GSLRD	Coach No.:	15749	
3.	Booked to			SSE/C&W/PER			
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		FAIVELEY			
	ii.	SEAT & BERTH		FLEXO FOAMS			
	iii.	WATER TANKS		AMIT			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TAYAL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		GANDHI & ANKUR			
	viii.	LP SHEET		NA			
	ix)	BIO- TOILET		RAIL FAB			
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		
		5082	SR		GSLRD		15749		21-11-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	151503				151505					
	ii. Frame No.	UBLS-1744				ASR-841					
	iii. Axle No.	J-8717		J-3126		J-8762		K-5514			
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00		
	v. Wheel Disc No.	06983/374	05806/376	06959/279	05944/276	06325/370	06392/272	06296/272	06973/243		
	vi. R.B. Nos.	H0921	G-1427	H0943	H0923	H0928	H0950	G1495	G1515		
	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-10085,11384			PEW-13459,14704		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-8925,9071			ESCORTS-4592,8913		
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:	5083	DISPATCH DATE:				24.11.2015
2.	RAILWAY	SR	Type:	GSLRD	Coach No.:	15747	
3.	Booked to			SSE/C&W/PER			
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		1104/1103	1104/1104	
	viii)	Buffer/CBC (Make)			ATUL		
	ix)	Draw Gear (Make)			EMSON		
7.	Air Brake Testing:						
	Description			Specified			
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
	7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
	7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	VIBGYOR	86/87		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		FAIVELEY			
	ii.	SEAT & BERTH		FLEXO FOAMS			
	iii.	WATER TANKS		AMIT			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TAYAL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		DHINJAN, GANDHI & ANKUR			
	viii.	LP SHEET		PL			
	ix)	BIO- TOILET		RAIL FAB			
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				
		5083	SR	GSLRD	15747	17-11-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151476				151472				
	ii. Frame No.	UBLS-1716				ASR-805				
	iii. Axle No.	J-3047		C-1994		Z-7560		J-2630		
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	915.50	916.00	917.00	917.00	
	v. Wheel Disc No.	06968/269	06978/247	15400/279	08690/250	15209/214	15366/286	14014/232	14171/274	
	vi. R.B. Nos.	F0918	G1554	H0768	H0769	F0943	F0946	F0939	F0936	
	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-F138,F170		PEW-F143,070		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-8953,8713		ESCORTS-8877.8715		
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:	5085	DISPATCH DATE:				25.11.2015
2.	RAILWAY	SR	Type:	GSLRD	Coach No.:	15748	
3.	Booked to			SSE/C&W/PER			
4.	Tare Weight of Coach :			37.10 T			
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: 8T	
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make)			ATUL			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
			Description	Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	PU PAINT		VIBGYOR	85/86		
8.2	APPLICATION OF PCN-123			SATISFACTORY			
8.3	INSUALTION			SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			FLEXO FOAMS			
iii.	WATER TANKS			AMIT , RUBICONE			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			NA			
vii.	LAV. DOORS			DHINJAN, GANDHI & ANKUR			
viii.	LP SHEET			PL			
ix)	BIO- TOILET			RAIL FAB			
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		
		5085		SR		GSLRD		15748		19-11-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
11.2	Wheel & Axle Details:		PP Side				NPP Side					
	i.	Bogie No.	151486				151491					
	ii.	Frame No.	UBLS-1722				UBLS-1636					
	iii.	Axle No.	J-3132		A-3837		J-3024		H-0063			
	iv.	Wheel Diameter	916.50	916.50	916.00	916.00	917.00	917.00	917.00	917.00		
	v.	Wheel Disc No.	13822/ 249	13876/ 389	15380/ 395	15367/ 253	06399/ 383	06354/ 234	06981/ 237	08071/28 7		
	vi.	R.B. Nos.	H0853	G1355	G1319	G1333	H0807	H0783	H0791	H0835		
	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-221,165			PEW-281,001		
	ii.	SECONDARY Shock Absorber Make &NO.					ESCORTS-8983,8952			ESCORTS-8967,8813		
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:	5087	DISPATCH DATE:				11.12.2015
2.	RAILWAY	SR	Type:	GSLRD	Coach No.:	15752	
3.	Booked to		SSE/C&W/ PER				
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	85/85		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		ESCORTS			
	ii.	SEAT & BERTH		RCF			
	iii.	WATER TANKS		AMIT , RUBICONE			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TAYAL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		DHINJAN, TWPL & ANKUR			
	viii.	LP SHEET		PL			
	ix)	BIO- TOILET		RAIL FAB			
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			
		5087	SR	GSLRD	15752	27-11-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	151524				151525			
	ii. Frame No.	UBLS-1748				ASR-768			
	iii. Axle No.	J-8788		H-0128		J-2851		J-8742	
	iv. Wheel Diameter	915.00	915.00	916.00	916.00	915.50	915.50	915.50	915.50
	v. Wheel Disc No.	15395/218	13907/202	07313/371	12036/381	15215/251	13922/235	10183/243	06934/264
	vi. R.B. Nos.	H1346	H1305	H1336	H1311	H1306	H1338	H1341	H1303
	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-10133,10024		PEW-213,180		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-8539,8553		ESCORTS-8675,8560		
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:	5089	DISPATCH DATE:			10.12.2015
2.	RAILWAY	SR	Type:	GSLRD	Coach No.:	15724
3.	Booked to			SSE/C&W/ PER		
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			ESCORTS		
ii.	SEAT & BERTH			RCF		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			DHINJAN, GANDHI & ANKUR		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			RAIL FAB		
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				
		5089	SR	GSLRD	15724	26-11-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151520				151518				
	ii. Frame No.	UBLS-1686				ASR-575				
	iii. Axle No.	J-2841		G-9930		J-3300		5041		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	11830/233	13833/391	14014/222	07169/381	15455/279	12111/397	07247/384	06977/228	
	vi. R.B. Nos.	H0897	H0867	H0882	H0898	H0883	H1506	H0906	H0891	
	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-3994,10119		PEW-10096,10138		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-9082,8537		ESCORTS-8544,8540		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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