



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>5033</b>	DISPATCH DATE:				<b>27.07.2015</b>
2.	RAILWAY	<b>ECR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>15701</b>	
3.	Booked to		<b>SSE/C&amp;W/ DHN</b>				
4.	Tare Weight of Coach :		<b>37.10 T</b>				
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: <b>8T</b>	
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		<b>1103/1104</b>	<b>1104/1104</b>	
	viii)	Buffer/CBC (Make )			<b>ATUL</b>		
	ix)	Draw Gear (Make)			<b>EMSON</b>		
7.	Air Brake Testing:						
	Description			Specified			
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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	<b>APC</b>	<b>86/87</b>		
	8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>			
	8.3	INSUALTION		<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		<b>ESCORTS</b>			
	ii.	SEAT & BERTH		<b>FLEXO FOAMS</b>			
	iii.	WATER TANKS		<b>RUBICONE</b>			
	iv.	PVC		<b>RESPONSIVE</b>			
	v.	FLOOR BOARD		<b>TAYAL</b>			
	vi.	UIC VESTIBULE		<b>NA</b>			
	vii.	LAV. DOORS		<b>AMIR CHAND &amp; ANKUR</b>			
	viii.	LP SHEET		<b>NA</b>			
	ix)	BIO- TOILET		<b>RAIL TECH</b>			
10.	10.1	Modification/ Trial (if any):		<b>NIL</b>			
	10.2	Deviations (if any):		<b>NIL</b>			



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		5033		ECR		GSLRD		15701		18-06-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150784				150780				
	ii.	Frame No.	ASR-80				RBO-1431				
	iii.	Axle No.	Y-6883		A-4709		Y-7180		Y-8563		
	iv.	Wheel Diameter	917.00	917.00	917.50	917.50	916.00	916.00	918.00	917.50	
	v.	Wheel Disc No.	11928/ 227	11947/ 382	12110/ 334	12213/ 299	11877/ 214	11702/ 233	11040/ 391	11828/28 7	
	vi.	R.B. Nos.	W1137	W1259	W0195	W1236	W1278	W1131	W1245	W1258	
	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-12338,12330			PEW-E11797,11825		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-06432,06342			K/B-06534,06561		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

GSLRD-5033



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>5034</b>	DISPATCH DATE:				<b>03.08.2015</b>
2.	RAILWAY	<b>ECR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>15703</b>	
3.	Booked to			<b>SSE/C&amp;W/ DHN</b>			
4.	Tare Weight of Coach :			<b>37.10 T</b>			
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: <b>8T</b>	
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		<b>1104/1104</b>	<b>1104/1104</b>	
	viii)	Buffer/CBC (Make )			<b>ATUL</b>		
	ix)	Draw Gear (Make)			<b>CFPL</b>		
7.	Air Brake Testing:						
	Description			Specified			
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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	<b>ADVANCE</b>	<b>86/87</b>		
	8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>			
	8.3	INSUALTION		<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		<b>ESCORTS</b>			
	ii.	SEAT & BERTH		<b>FLEXO FOAMS</b>			
	iii.	WATER TANKS		<b>RUBICONE</b>			
	iv.	PVC		<b>RESPONSIVE</b>			
	v.	FLOOR BOARD		<b>TAYAL</b>			
	vi.	UIC VESTIBULE		<b>NA</b>			
	vii.	LAV. DOORS		<b>AMIR CHAND &amp; ANKUR</b>			
	viii.	LP SHEET		<b>NA</b>			
	ix)	BIO- TOILET		<b>RAIL TECH</b>			
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>		
	10.2	Deviations (if any):			<b>NIL</b>		



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		5034	ECR	GSLRD	15703	17-07-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150909				150906			
	ii. Frame No.	RBO-1501				ASR-367			
	iii. Axle No.	1756		V-9810		A-5546		2353	
	iv. Wheel Diameter	918.00	918.00	917.50	917.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	06930/276	06951/218	07297/238	07004/314	06776/379	07302/247	12083/259	12083/266
	vi. R.B. Nos.	W0627	W0621	W0994	W1091	V1185	V1209	W1452	W0616
	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-E12908,E12903			PEW-E12816,E12834	
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-128584,128419			K/B-128438,128656	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

GSLRD-5034



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	5038	DISPATCH DATE:		08.08.2015
2.	RAILWAY	ECR	Type:	GSLRD	Coach No.: 15704
3.	Booked to		SSE/C&W/DHN		
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)	CFPL		
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	ADVANCE	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		SAVITRI	
	iii.	WATER TANKS		RUBICONE, AMIT	
	iv.	PVC		PREMIER POLYFILM	
	v.	FLOOR BOARD		TAYAL	
	vi.	UIC VESTIBULE		NA	
	vii.	LAV. DOORS		AMIR CHAND & ANKUR	
	viii.	LP SHEET		NK	
	ix)	BIO- TOILET		RAIL TECH	
10.	10.1	Modification/ Trial (if any):		NIL	
	10.2	Deviations (if any):		NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		5038	EC		GSLRD		15704		28-07-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150955				150944				
	ii. Frame No.	ASR-1524				ASR-393				
	iii. Axle No.	RWF-98628		RWF-97812		M-0758		A-5054		
	iv. Wheel Diameter	916.00	916.00	916.50	916.50	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	10742/201	06974/270	07150/390	05970/290	08069/290	03762/316	07337/260	07264/202	
	vi. R.B. Nos.	V1361	V1287	V1386	V1288	V1391	V1389	V1457	V1404	
	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-12797,12807		PEW-0799,11651		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-496,541		ESCORTS-235,133		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GSLRD-5038



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>5037</b>	DISPATCH DATE:			<b>18.08.2015</b>
2.	RAILWAY	<b>ECR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>15702</b>
3.	Booked to		<b>SSE/C&amp;W/DHN</b>			
4.	Tare Weight of Coach :		<b>37.10 T</b>			
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: <b>8T</b>
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		<b>1104/1104</b>	<b>1104/1104</b>
	viii)	Buffer/CBC (Make )			<b>ATUL</b>	
	ix)	Draw Gear (Make)			<b>CFPL</b>	
7.	Air Brake Testing:					
	Description			Specified		
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)	
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application	
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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	<b>ADVANCE</b>	<b>85/86</b>	
	8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>		
	8.3	INSUALTION		<b>SATISFACTORY</b>		
9.	Traceability of Furnishing Items:			Make		
	i.	BRAKE EQUIPMENT		<b>ESCORTS</b>		
	ii.	SEAT & BERTH		<b>FLEXO FOAMS</b>		
	iii.	WATER TANKS		<b>RUBICONE</b>		
	iv.	PVC		<b>PREMIER POLYFILM</b>		
	v.	FLOOR BOARD		<b>TAYAL</b>		
	vi.	UIC VESTIBULE		<b>NA</b>		
	vii.	LAV. DOORS		<b>AMIR CHAND, GANDHI, ANKUR</b>		
	viii.	LP SHEET		<b>NA</b>		
	ix)	BIO- TOILET		<b>RAIL TECH</b>		
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>	
	10.2	Deviations (if any):			<b>NIL</b>	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	12.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>			
			5037	EC	GSLRD	15702	02-07-2015			
11.1	12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>								
11.2	12.2	<b>Wheel &amp; Axle Details:</b>	<b>PP Side</b>				<b>NPP Side</b>			
		i. <b>Bogie No.</b>	150850				150849			
		ii. <b>Frame No.</b>	ASR-314				ASR-258			
		iii. <b>Axle No.</b>	A-5560		A-5062		00329		A-4752	
		iv. <b>Wheel Diameter</b>	918.00	918.00	916.00	916.00	916.50	916.00	917.00	917.00
		v. <b>Wheel Disc No.</b>	11298/ 319	12114/ 273	12048/ 279	12149/ 239	12101/ 369	07359/ 278	10796/ 202	12105/20 5
		vi. <b>R.B. Nos.</b>	W1031	W1033	W0715	X1420	W0744	W0446	W0407	W0376
		vii. <b>R.B. Make</b>	FAG		FAG		FAG		FAG	
		viii. <b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing							
11.3	12.3	<b>Items Traceability:</b>				<b>PP SIDE</b>		<b>NPP SIDE</b>		
		i.	<b>BRAKE CYLINDER Make &amp; NO.</b>				PEW-11194,11212		PEW-11176,11183	
		ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>				K/B-02891,02790		K/B-02786,02792	
11.4	12.4	i.	<b>Modification/ Trail (if any):</b>				NIL			
		ii.	<b>Deviations (if any):</b>				NIL			

GSLRD-5037