



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>6039</b>	DISPATCH DATE:			<b>28.6.2016</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>153751</b>
3.	Booked to			<b>SSE/C&amp;W/NDLS</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>HEPL,HEPL</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/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	<b>APEX</b>	<b>85/86</b>	
8.2	APPLICATION OF PCN-123					
8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			<b>ESCORT</b>		
ii.	SEAT & BERTH			<b>OVPL&amp; RCF MADE</b>		
iii.	WATER TANKS			<b>AMIT</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vii.	LAV. DOORS			----		
viii.	LP SHEET			-		
ix)	BIO- TOILET			<b>RAIL TECH</b>		
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
		6039	NR		GSLRD		153791		22-05-2016
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	160561				160563			
	ii. Frame No.	ASR-341				ASR-320			
	iii. Axle No.	A-5294		A-4657		W-2354		V-0081	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.50	916.00
	v. Wheel Disc No.	18236/244	18260/335	16670/332	16337/232	18388/393	18141/332	16407/317	86970/227
	vi. R.B. Nos.	X0982	X0859	X0976	X0515	X0769	X0840	X0627	X0504
	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.			ESCORTS-10716,10705		PEW-E10701,E10740		
	ii.	SECONDARY Shock Absorber Make &NO.			IAI-144638,144787		IAI-144751,144684		
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:	<b>6038</b>	DISPATCH DATE:			<b>05.07.2016</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>153753</b>	
3.	Booked to			<b>SSE/C&amp;W/NDLS</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>HEPL</b>		
	ix)	Draw Gear (Make)			<b>rk</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>APEX</b>	<b>85/86</b>		
	8.2	APPLICATION OF PCN-123					
	8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		<b>ESCORT</b>			
	ii.	SEAT & BERTH		<b>AMIR CHAND</b>			
	iii.	WATER TANKS		<b>AMITENGR.</b>			
	iv.	PVC		<b>RESPONSIVE</b>			
	v.	FLOOR BOARD		<b>ORIENTAL</b>			
	vii.	LAV. DOORS		<b>TWPL, DHINJAM</b>			
	viii.	LP SHEET		<b>--</b>			
	ix)	BIO- TOILET		<b>RAIL TECH</b>			
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
		6038	NR		GSLRD		153753		20-05-2016
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	160552				160551			
	ii. Frame No.	ASR-286				ASR-329			
	iii. Axle No.	W-9836		K-5142		Y-6976		U-8363	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	18158/333	16637/297	18237/225	18314/310	18110/395	18314/218	18097/278	18283/391
	vi. R.B. Nos.	Y0242	Y0207	X0223	X0219	X0362	X0888	X0383	X0349
	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-E10722,E10622		PEW-E10672,E10738		
	ii.	SECONDARY Shock Absorber Make &NO.			IAI-147486,147679		IAI-144628,147542		
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:	<b>6041</b>	DISPATCH DATE:			<b>30.6.2016</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>153752</b>
3.	Booked to			<b>SSE/C&amp;W/NDLS</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>RK</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>APEX</b>	<b>85/86</b>	
8.2	APPLICATION OF PCN-123					
8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			<b>ESCORT</b>		
ii.	SEAT & BERTH			<b>AMIR CHAND</b>		
iii.	WATER TANKS			<b>AMIT,RAIL FAB</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vii.	LAV. DOORS			<b>TWPL,ANKUR,DHINJAM</b>		
viii.	LP SHEET			<b>PL</b>		
ix)	BIO- TOILET			<b>RAIL TECH</b>		
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			
		6041	NR		GSLRD	153752	20-05-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	160545				160543				
	ii. Frame No.	ASR-270				ASR-324				
	iii. Axle No.	Y-7377		RWF-97379		1430		W-2920		
	iv. Wheel Diameter	917.00	917.00	917.50	917.00	918.00	918.00	917.00	917.00	
	v. Wheel Disc No.	18377/ 299	18397/ 333	16671/ 232	18366/ 333	16541/ 282	16551/ 214	18360/ 243	18190/35 0	
	vi. R.B. Nos.	X0552	X0524	X0614	X0544	X0324	X0313	X0417	X0536	
	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-E10620,E10641		PEW-E10646,E10654		
	ii.	SECONDARY Shock Absorber Make &NO.				IAI-147477,147715		IAI-144515,147507		
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:	<b>6043</b>	DISPATCH DATE:				<b>02.07.2016</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>153754</b>		
3.	Booked to			<b>SSE/C&amp;W/NDLS</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>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>APEX</b>	<b>85/85</b>			
	8.2	APPLICATION OF PCN-123						
	8.3	INSUALTION						
9.	Traceability of Furnishing Items:			Make				
	i.	BRAKE EQUIPMENT		<b>ESCORT</b>				
	ii.	SEAT & BERTH		<b>AMIR CHAND</b>				
	iii.	WATER TANKS		<b>AMITENGR.</b>				
	iv.	PVC		<b>RESPONSIVE</b>				
	v.	FLOOR BOARD		<b>ORIENTAL</b>				
	vii.	LAV. DOORS		<b>TWPL,ANKUR,DHINJAM</b>				
	viii.	LP SHEET		<b>--</b>				
	ix)	BIO- TOILET		<b>RAIL TECH</b>				
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		
		6043	NR		GSLRD		153754		17-06-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	160681				160682					
	ii. Frame No.	UBLS-2056				UBLS-2083					
	iii. Axle No.	K-7073		A-4229		M-9922		M-8646			
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	916.00	916.00	916.00	916.00		
	v. Wheel Disc No.	10327/ 14527	13837/ 15478	10576/ 14639	10634/ 14639	10328/ 14527	10290/ 14527	13761/ 10478	10459/14 539		
	vi. R.B. Nos.	W2593	W2638	W2800	W2799	W2623	W2630	W2635	W2613		
	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-10873,10975			PEW-10917,10981		
	ii.	SECONDARY Shock Absorber Make &NO.				IAI-147677,147517			IAI-147424,147545		
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:	<b>6042</b>	DISPATCH DATE:				<b>05.07.2016</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>GSLRD</b>	Coach No.:	<b>153755</b>	
3.	Booked to			<b>SSE/C&amp;W/NDLS</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>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>APEX</b>	<b>85/86</b>		
	8.2	APPLICATION OF PCN-123					
	8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			<b>ESCORT</b>		
	ii.	SEAT & BERTH			<b>AMIR CHAND</b>		
	iii.	WATER TANKS			<b>AMITENGR.</b>		
	iv.	PVC			<b>RESPONSIVE</b>		
	v.	FLOOR BOARD			<b>ORIENTAL</b>		
	vii.	LAV. DOORS			<b>TWPL,ANKUR,DHINJAM</b>		
	viii.	LP SHEET			<b>--</b>		
	ix)	BIO- TOILET			<b>RAIL TECH</b>		
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		
		6042	NR		GSLRD		153755		19-05-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	160554				160541					
	ii. Frame No.	UBLS-1849				ASR-216					
	iii. Axle No.	RWF-97642		RWF-98194		V-9870		RWF-97846			
	iv. Wheel Diameter	916.50	916.50	917.00	917.00	917.00	917.00	917.00	917.00		
	v. Wheel Disc No.	18378/225	18289/383	16653/322	18394/243	18253/316	18254/310	16432/385	16674/385		
	vi. R.B. Nos.	X0610	X0838	X0506	X0505	Z1261	X0197	X0218	X0319		
	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-10217,10623			PEW-10215,10276		
	ii.	SECONDARY Shock Absorber Make &NO.				IAI-147688,147702			IAI-147427,147703		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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