



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4002	DISPATCH DATE:				16.5.2014
2.	RAILWAY	ER	Type:	GS	Coach No.:	14430	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach :	36.99T					
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	Luggage:	NIL
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 )			REPL			
ix)	Draw Gear (Make)			EMSON			
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	VIBGYOR	86		
8.2	APPLICATION OF PCN-123			SATISFACTORY			
8.3	INSUALTION			SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			KBI			
ii.	SEAT & BERTH			SAVITRI			
iii.	WATER TANKS			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			OVPL			
vi.	WINDOWS			ABC, AGF & MECIDON			
vii.	LAV. DOORS			SAVITRI & RCF MADE			
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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12.	<b>Bogie Details:</b>	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4002	ER		GS		14430		26.04.2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	<b>Wheel &amp; Axle Details:</b>	PP Side				NPP Side				
	i.	Bogie No.	140451				140505			
	ii.	Frame No.	ASR-281				ASR-1068			
	iii.	Axle No.	W-2282		S-9475		S-1876		RWF-91575	
	iv.	Wheel Diameter	917.50	917.50	917.00	918.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	04066/ 275	021- 225	03627- 244	04104/ 268	04211/ 221	88151/ 236	04078/ 257	04154/27 3
	vi.	R.B. Nos.	B0782	B0595	B0564	B0791	B-0899	B-0903	B-0887	B0909
	vii.	R.B. Make	NBC		NBC		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<b>Items Traceability:</b>									
	i.	BRAKE CYLINDER (Make)				AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	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>3637</b>	DISPATCH DATE:			<b>16.5.2014</b>	
2.	RAILWAY	<b>ER</b>	Type:	<b>GS</b>	Coach No.:	<b>14435</b>	
3.	Booked to	<b>SSE/C&amp;W/LILUAH</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</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>REPL</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>VIBGYOR</b>	<b>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>SIL</b>				
ii.	SEAT & BERTH		<b>SAVITRI</b>				
iii.	WATER TANKS		<b>AMIT</b>				
iv.	PVC		<b>RESPONSIVE</b>				
v.	FLOOR BOARD		<b>TAYAL</b>				
vi.	WINDOWS		<b>AGF &amp; MECIDON</b>				
vii.	LAV. DOORS		<b>SAVITRI &amp; RCF MADE</b>				
viii.	LP SHEET		<b>NA</b>				
ix)	BIO- TOILET		<b>RAIL FAB</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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Shell No.: 3637

Dispatch Date: 12-04-14

**5.0. Details of Bogies:**

Items	Alarm side				Non Alarm Side			
Bogie No	140458				140445			
Frame No.	UBLS-500				ASR-1041			
Axle No.	U-9645		U-4299		U-7953		W-2251	
Wheel Diameter	917.50	917.00	918.00	917.50	917.50	917.00	917.00	917.50
Wheel Disc No.	03704/24 9	03671/27 8	04093/22 1	04263/2 72	03753/2 11	04211/24 9	04209/27 9	03864/26 9
R.B. No.	130803	130777	Y1313	Y1229	Y1303	Y1270	Y1284	Y1251
R.B. Make	NBC		FAG		FAG		FAG	
Type	Direct Mounted Spherical Roller Bearing							

**5.1 Traceability:**

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	13567,13428	7636,6833	AJT
2	SECONDARY VERTICAL DAMPER	10145,9864	10429,10104	GAB

**5.2 MODIFICATION (IF ANY):**

**5.3 DEVIATION (IF ANY):**

GS-3637



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4012</b>	DISPATCH DATE:		<b>28.5.2014</b>
2.	RAILWAY	<b>ER</b>	Type:	<b>GS</b>	Coach No.: <b>14434</b>
3.	Booked to		<b>SSE/C&amp;W/LILUAH</b>		
4.	Tare Weight of Coach :		<b>36.99T</b>		
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>
				Luggage:	<b>NIL</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>REPL</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>VIBGYOR</b>	<b>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>OVPL</b>	
	iii.	WATER TANKS		<b>AMIT</b>	
	iv.	PVC		<b>RESPONSIVE</b>	
	v.	FLOOR BOARD		<b>TAYAL</b>	
	vi.	WINDOWS		<b>AGF &amp; MECIDON</b>	
	vii.	LAV. DOORS		<b>RCF MADE</b>	
	viii.	LP SHEET		<b>NA</b>	
	ix)	BIO- TOILET		<b>OMAX</b>	
10.	10.1	Modification/ Trial (if any):		<b>NIL</b>	
	10.2	Deviations (if any):		<b>NIL</b>	



Shell No.: 4012

Dispatch Date: 29-01-14

**5.0. Details of Bogies:**

Items	Alarm side				Non Alarm Side			
Bogie No	140104				140120			
Frame No.	ASR-827				ASR-820			
Axle No.	4160		U-8592		T-0231		3152	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
Wheel Disc No.	03976/21 2	08718/33 8	03677/23 9	03885/2 50	02081/2 01	03743/33 1	04073/22 2	03720/27 0
R.B.N o.	O-210	O-431	O-4730	O-203	P1359	P1448	P1477	O-649
R.B. Make	FAG		FAG		FAG		FAG	
Type	Direct Mounted Spherical Roller Bearing							

**5.1 Traceability:**

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	7091,7042	227,284	AJT
2	SECONDARY VERTICAL DAMPER	120293,120506	119784,119713	IAI

**5.2 MODIFICATION (IF ANY):**

**5.3 DEVIATION (IF ANY):**



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## ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>3633</b>	DISPATCH DATE:		<b>30.5.2014</b>		
2.	RAILWAY	<b>ER</b>	Type:	<b>GS</b>	Coach No.:	<b>14432</b>	
3.	Booked to	<b>SSE/C&amp;W/LILUAH</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</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	181.5 ( AE63143) mm					
vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	<b>1104/1104</b>		<b>1104/1104</b>		
viii)	Buffer/CBC (Make )	<b>REPL</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/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>VIBGYOR</b>	<b>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		KBI				
ii.	SEAT & BERTH		OVPL				
iii.	WATER TANKS		AMIT				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		OVPL				
vi.	WINDOWS		ABC,AGF & MECIDON				
vii.	LAV. DOORS		RCF MADE				
viii.	LP SHEET		PUNJAB LAMINATES				
ix)	BIO- TOILET		<b>RAIL FAB</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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Rail Coach Factory , Kapurthala

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Shell No.: 3633

Dispatch Date: 18-04-14

## 5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140463				140475			
Frame No.	ASR-1072				ASR-1069			
Axle No.	V-9261		RWF-98619		W-2610		P-3600	
Wheel Diameter	918.00	917.50	916.00	916.00	915.50	915.00	917.50	917.00
Wheel Disc No.	63350/06 566	55346/09 932	76113/01 552	02935/1 2392	55254/0 9932	62863/10 845	0336/125 47	02967/12 392
R.B. No.	Y-1219	Y-1351	Y-2176	Y-2240	Y-1895	Y-2218	P-05	O-34
R.B. Make	FAG		FAG		FAG		FAG	
Type	Direct Mounted Spherical Roller Bearing							

## 5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	13474,11508	7570,6936	PEW,AJT
2	SECONDARY VERTICAL DAMPER	9856,9923	9848,9862	GAB

## 5.2 MODIFICATION (IF ANY):

## 5.3 DEVIATION (IF ANY):

GS-3633



**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4005</b>	DISPATCH DATE:			<b>30.5.2014</b>
2.	RAILWAY	<b>ER</b>	Type:	<b>GS</b>	Coach No.:	<b>14437</b>
3.	Booked to		<b>SSE/C&amp;W/LILUAH</b>			
4.	Tare Weight of Coach :		<b>36.99T</b>			
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage: <b>NIL</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		181.5 ( AE63143) mm			
vii)	Buffer/CBC Height		Specified : 1104 +0 /- 10 mm	<b>1104/1104</b>		<b>1104/1104</b>
viii)	Buffer/CBC (Make )		<b>REPL</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>VIBGYOR</b>	<b>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		KBI			
ii.	SEAT & BERTH		OVPL			
iii.	WATER TANKS		AMIT			
iv.	PVC		RESPONSIVE			
v.	FLOOR BOARD		TAYAL			
vi.	WINDOWS		AGF & MECIDON			
vii.	LAV. DOORS		RCF MADE			
viii.	LP SHEET		NA			
ix)	BIO- TOILET		<b>RAIL FAB</b>			
10.	10.1	Modification/ Trial (if any):		<b>NIL</b>		
	10.2	Deviations (if any):		<b>NIL</b>		



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Shell No.: 4005

Dispatch Date: 17-04-14

### 5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140462				140330			
Frame No.	UBLS-539				ASR-889			
Axle No.	T-3240		V-9774		U-8108		U-8153	
Wheel Diameter	918.00	918.00	915.50	915.00	918.00	918.00	915.50	915.50
Wheel Disc No.	65319/11 931	55360/09 932	55347/09 932	52774/0 3204	02955/1 2302	02912/12 392	50589/07 763	55006/09 010
R.B .No.	B-0841	B-0840	Y-2295	Y-2154	Y-1621	Y-1617	Y-1624	Y-1620
R.B. Make	NBC		FAG		FAG		FAG	
Type	Direct Mounted Spherical Roller Bearing							

### 5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	13489,13483	K-9183,12375	PEW
2	SECONDARY VERTICAL DAMPER	10327,9903	10440,9809	GAB

### 5.2 MODIFICATION (IF ANY):

### 5.3 DEVIATION (IF ANY):



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## ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4010</b>	DISPATCH DATE:			<b>30.5.2014</b>	
2.	RAILWAY	<b>ER</b>	Type:	<b>GS</b>	Coach No.:	<b>14438</b>	
3.	Booked to	<b>SSE/C&amp;W/LILUAH</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</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	181.5 ( AE63143) mm				
	vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	<b>1104/1104</b>	<b>1104/1104</b>		
	viii)	Buffer/CBC (Make )	<b>REPL</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>VIBGYOR</b>	<b>86</b>		
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>				
	8.3	INSUALTION	<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	ESCORTS				
	ii.	SEAT & BERTH	OVPL				
	iii.	WATER TANKS	AMIT				
	iv.	PVC	RESPONSIVE				
	v.	FLOOR BOARD	OVPL				
	vi.	WINDOWS	AGF & MECIDON				
	vii.	LAV. DOORS	RCF MADE				
	viii.	LP SHEET	PUNJAB LAMINATES				
	ix)	BIO- TOILET	OMAX				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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Rail Coach Factory , Kapurthala

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Shell No.: 4010

Dispatch Date: 17-04-14

### 5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140467				140468			
Frame No.	ASR-1065				ASR-1046			
Axle No.	RWF-92593		V-9904		P-3482		S-3650	
Wheel Diameter	918.00	917.50	917.00	917.00	917.50	918.00	916.50	917.00
Wheel Disc No.	36084/01 552	36150/01 552	15231/16 212	15197/1 6272	55324/0 9932	65352/11 931	36043/01 553	02617/04 066
R.B. No.	Y-1344	Y-1333	Y-2191	Y-2315	Y-1612	Y-1602	Y-1608	Y-1604
R.B. Make	FAG		FAG		FAG		FAG	
Type	Direct Mounted Spherical Roller Bearing							

### 5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	13531,13449	13373,11495	PEW
2	SECONDARY VERTICAL DAMPER	10340,9906	10341,10338	GAB

### 5.2 MODIFICATION (IF ANY):

### 5.3 DEVIATION (IF ANY):

GS-4010



रेल डिब्बा कारखाना, कपूरथला  
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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4001</b>	DISPATCH DATE:			<b>6.6.2014</b>	
2.	RAILWAY	<b>ER</b>	Type:	<b>GS</b>	Coach No.:	<b>14422</b>	
3.	Booked to	<b>SSE/C&amp;W/LILUAH</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	90	Sleeping:	<b>NIL</b>	Luggage:	<b>NIL</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		181.5 ( AE63143) mm				
vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	<b>1104/1102</b>			<b>1103/1104</b>	
viii)	Buffer/CBC (Make )		<b>REPL</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>VIBGYOR</b>	<b>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>SIL</b>				
ii.	SEAT & BERTH		<b>OVPL</b>				
iii.	WATER TANKS		<b>AMIT</b>				
iv.	PVC		<b>RESPONSIVE</b>				
v.	FLOOR BOARD		<b>TAYAL</b>				
vi.	WINDOWS		<b>AGF &amp; MECIDON</b>				
vii.	LAV. DOORS		<b>SAVITRI &amp; RCF MADE</b>				
viii.	LP SHEET		<b>NA</b>				
ix)	BIO- TOILET		<b>OMAX</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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Shell No.: \_4001\_\_\_\_

Dispatch Date: 08-04-14

**5.0. Details of Bogies:**

Items	Alarm side				Non Alarm Side			
Bogie No	140406				140426			
Frame No.	UBLS-533				RBO-922			
Axle No.	RWF-98310		RWF-92542		RWF-90818		RWF-92348	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
Wheel Disc No.	63198/06 744	55055/09 010	02850/12 240	63345/0 6566	55066/0 9010	52253/07 448	63161/06 744	63149/06 744
R.B. No.	B-1250	B-1224	B-0654	B-0657	M-2230	M-2261	B-0721	B-0748
R.B. Make	NBC		NBC		NBC		NBC	
Type	Direct Mounted Spherical Roller Bearing							

**5.1 Traceability:**

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	7366,6890	6826,6886	AJT
2	SECONDARY VERTICAL DAMPER	9873,10399	9872,10107	GAB

**5.2 MODIFICATION (IF ANY):**

**5.3 DEVIATION (IF ANY):**

GS-4001