



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4558</b>	DISPATCH DATE:		<b>04.03.2015</b>		
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14509</b>	
3.	Booked to		<b>SSE/C&amp;W/GKP</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>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>VIBGYOR</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>ESCORT</b>				
ii.	SEAT & BERTH		<b>SAVITRI</b>				
iii.	WATER TANKS		<b>AMIT</b>				
iv.	PVC		<b>PREMIER POLYFILM</b>				
v.	FLOOR BOARD		<b>TAYAL</b>				
vi.	WINDOWS		<b>AGF,ABC, MECIDON</b>				
vii.	LAV. DOORS		<b>JR</b>				
viii.	LP SHEET		<b>LP</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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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date			
		4558	NER		GS	14509	19-02-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150202				150201				
	ii. Frame No.	ASR-953				ASR-735				
	iii. Axle No.	K-4510		7464		9354		5305		
	iv. Wheel Diameter	917.00	917.00	915.00	915.00	916.50	916.50	916.00	916.00	
	v. Wheel Disc No.	1030/2 56	10145/ 220	10360/ 272	10323/ 289	10304/ 295	10239/ 216	10289/ 300	10310/24 6	
	vi. R.B. Nos.	K2340	J2314	M3174	M3176	K2359	K2360	K2368	K2390	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
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>4560</b>	DISPATCH DATE:			<b>05.03.2015</b>	
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14510</b>	
3.	Booked to	<b>SSE/C&amp;W/GKP</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>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/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>85/85</b>		
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>				
	8.3	INSUALTION	<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	<b>ESCORT</b>				
	ii.	SEAT & BERTH	<b>SAVITRI</b>				
	iii.	WATER TANKS	<b>AMIT</b>				
	iv.	PVC	<b>PREMIR POLYFILM</b>				
	v.	FLOOR BOARD	<b>TAYAL</b>				
	vi.	WINDOWS	<b>AGF,ABC, MECIDON</b>				
	vii.	LAV. DOORS	<b>JR</b>				
	viii.	LP SHEET	<b>LP</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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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		4560	NER		GS	145110	27-02-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150248					150219			
	ii.	Frame No.	ASR-954					ASR-943			
	iii.	Axle No.	8284		A-5085		9686		0066		
	iv.	Wheel Diameter	916.50	917.00	917.00	916.50	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	10344/ 381	10270/ 246	05762/ 279	05942/ 232	10302/ 259	10301/ 292	10366/ 278	10198/20 7	
	vi.	R.B. Nos.	J-1922	J-1908	J-1906	J-1897	K-2492	K-2484	K-2433	K-2498	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:										
	i.	BRAKE CYLINDER (Make)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
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>4519</b>	DISPATCH DATE:		<b>10.03.2015</b>
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:
3.	Booked to	<b>SSE/C&amp;W/GKP</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>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/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>85/85</b>
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>		
	8.3	INSUALTION	<b>SATISFACTORY</b>		
9.	Traceability of Furnishing Items:				
	i.	BRAKE EQUIPMENT	Make <b>ESCORT</b>		
	ii.	SEAT & BERTH	<b>OVPL</b>		
	iii.	WATER TANKS	<b>AMIT</b>		
	iv.	PVC	<b>PREMIR POLYFILM</b>		
	v.	FLOOR BOARD	<b>TAYAL</b>		
	vi.	WINDOWS	<b>AGF,ABC, MECIDON</b>		
	vii.	LAV. DOORS	<b>DHINJAN</b>		
	viii.	LP SHEET	<b>LP</b>		
	ix)	BIO- TOILET	<b>JSL</b>		
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>		
	10.2	Deviations (if any):	<b>NIL</b>		



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		4519	NER		GS	14511	26-02-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150237					150251			
	ii.	Frame No.	ASR-876					ASR-1003			
	iii.	Axle No.	9424		9353		9167		9041		
	iv.	Wheel Diameter	917.00	917.00	916.50	917.00	917.00	916.50	916.50	917.00	
	v.	Wheel Disc No.	08844/ 254	09081/ 226	10350/ 272	10267/ 383	10303/ 204	10351/ 250	10314/ 201	10300/20 2	
	vi.	R.B. Nos.	K-2140	K-2145	K-2457	K-2458	J-2239	J-2222	J-2223	J-2253	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
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>4559</b>	DISPATCH DATE:			<b>11.03.2015</b>	
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14513</b>	
3.	Booked to	<b>SSE/C&amp;W/GKP</b>					
4.	Tare Weight of Coach :	<b>36.99T</b>					
5.	Carrying Capacity :	Seating:	<b>90</b>	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>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>VIBGYOR</b>	<b>85/85</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>ESCORT</b>			
ii.	SEAT & BERTH			<b>OVPL</b>			
iii.	WATER TANKS			<b>RAIL FAB</b>			
iv.	PVC			<b>PREMIR POLYFILM</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	WINDOWS			<b>AGF,ABC, MECIDON</b>			
vii.	LAV. DOORS			<b>DHINJAN</b>			
viii.	LP SHEET			<b>NA</b>			
ix)	BIO- TOILET			<b>JSL</b>			
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>		
	10.2	Deviations (if any):			<b>NIL</b>		

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12.	<b>Bogie Details:</b>	<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>		
		4559		NER		GS		14513		18-02-2015		
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>											
12.2	<b>Wheel &amp; Axle Details:</b>	<b>PP Side</b>						<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	150207						150208			
	ii.	<b>Frame No.</b>	UBLS-1307						UBLS-1297			
	iii.	<b>Axle No.</b>	8688		8118		8066		7516			
	iv.	<b>Wheel Diameter</b>	917.00	917.00	916.50	916.50	917.00	917.00	917.00	916.50		
	v.	<b>Wheel Disc No.</b>	10379/ 227	10289/ 213	10364/ 256	10331/ 379	10388/ 308	10249/ 209	10304/ 389	10303/38 4		
	vi.	<b>R.B. Nos.</b>	K-2372	K-2397	K-2391	K-2387	J-2367	J-2363	J-2365	M-0680		
	vii.	<b>R.B. Make</b>	NBC		NBC		NBC		NBC			
	viii	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing									
12.3	<b>Items Traceability:</b>											
	i.	<b>BRAKE CYLINDER (Make)</b>						AJT				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>						KNORR BREMSE				
12.4	i.	<b>Modification/ Trail (if any):</b>						NIL				
	ii.	<b>Deviations (if any):</b>						NIL				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	4562	DISPATCH DATE:			12.03.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:	14515
3.	Booked to	SSE/C&W/GKP				
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 )			ATUL		
ix)	Draw Gear (Make)			RK		
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	85/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			PREMIR POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF,ABC, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			JSL		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date
		4562	NER		GS		14515		09-02-2015
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150156				150159			
	ii. Frame No.	ASR-928				ASR-84			
	iii. Axle No.	A-4701		Y-6296		6998		Y-7946	
	iv. Wheel Diameter	916.00	916.00	917.00	916.50	917.00	917.00	915.00	915.00
	v. Wheel Disc No.	04079/ 285	08998/ 240	10370/ 221	10313/ 256	10303/ 287	10302/ 383	06930/ 385	08059/25 8
	vi. R.B. Nos.	R-477	R-483	M0707	M0719	M0724	M0741	K-2298	K-2321
	vii. R.B. Make	FAG		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
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>4566</b>	DISPATCH DATE:			<b>12.03.2015</b>	
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14516</b>	
3.	Booked to	<b>SSE/C&amp;W/GKP</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>1102/1104</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/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>85/85</b>		
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>				
	8.3	INSUALTION	<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	Make <b>ESCORT</b>				
	ii.	SEAT & BERTH	<b>OVPL</b>				
	iii.	WATER TANKS	<b>RAIL FAB</b>				
	iv.	PVC	<b>PREMIR POLYFILM</b>				
	v.	FLOOR BOARD	<b>TAYAL</b>				
	vi.	WINDOWS	<b>AGF,ABC, MECIDON</b>				
	vii.	LAV. DOORS	<b>DHINJAN</b>				
	viii.	LP SHEET	<b>NA</b>				
	ix)	BIO- TOILET	<b>ORIENTAL VENEER</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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12.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>					
		4566	NER	GS	14516	05-03-2015					
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
12.2	<b>Wheel &amp; Axle Details:</b>	<b>PP Side</b>				<b>NPP Side</b>					
	i.	<b>Bogie No.</b>	150265				150161				
	ii.	<b>Frame No.</b>	ASR-996				ASR-929				
	iii.	<b>Axle No.</b>	A-3683		51		9730		RWF-104722		
	iv.	<b>Wheel Diameter</b>	916.50	917.00	917.00	916.50	915.00	915.00	915.00	915.00	
	v.	<b>Wheel Disc No.</b>	05968/ 13448	05720/ 13448	57722/ 08139	57041/ 08139	57656/ 08139	56334/ 07581	55694/ 07458	56381/07 581	
	vi.	<b>R.B. Nos.</b>	A0923	A1555	A1120	A1199	U1534	U1821	K2636	M0723	
	vii.	<b>R.B. Make</b>	NBC		NBC		FAG		NBC		
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	i.	<b>BRAKE CYLINDER (Make)</b>					PEW				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>					KNORR BREMSE				
12.4	i.	<b>Modification/ Trail (if any):</b>					NIL				
	ii.	<b>Deviations (if any):</b>					NIL				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	4561	DISPATCH DATE:			14.03.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:	14512
3.	Booked to	SSE/C&W/GKP				
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 )			ATUL		
ix)	Draw Gear (Make)			EMSON, CFPL		
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	85/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			PREMIR POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, AGF, MECIDON		
vii.	LAV. DOORS			DHINJAN		
viii.	LP SHEET			LP		
ix)	BIO- TOILET			JSL		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date			
		4561	NER		GS	14512		19-02-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150204					150210			
	ii.	Frame No.	ASR-951					ASR-944			
	iii.	Axle No.	10137		9445		RWF-93201		P-1930		
	iv.	Wheel Diameter	916.50	916.00	916.50	916.00	916.50	916.50	917.00	917.00	
	v.	Wheel Disc No.	10332/ 215	10292/ 203	10288/ 254	10333/ 246	10362/ 211	10289/ 226	10205/ 254	10362/29 5	
	vi.	R.B. Nos.	K2382	K2395	K2393	K2362	J2178	J2160	J2157	J2202	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					PEW,AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
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>4567</b>	DISPATCH DATE:			<b>16.03.2015</b>
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14519</b>
3.	Booked to	<b>SSE/C&amp;W/GKP</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	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>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>VIBGYOR</b>	<b>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>OVPL</b>		
iii.	WATER TANKS			<b>AMIT, RAIL FAB</b>		
iv.	PVC			<b>PREMIR POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, MECIDON</b>		
vii.	LAV. DOORS			<b>DHINJAN</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>OASIS</b>		
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>	
	10.2	Deviations (if any):			<b>NIL</b>	



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date
		4567	NE		GS		14519		11-02-2015
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150164				150157			
	ii. Frame No.	ASR-856				ASR-919			
	iii. Axle No.	A-4205		U-4921		P-5906		8133	
	iv. Wheel Diameter	917.00	916.50	916.00	916.50	916.00	916.00	917.00	917.00
	v. Wheel Disc No.	10364/262	10364/205	10251/247	10298/380	10373/212	08077/289	10384/278	10247/214
	vi. R.B. Nos.	M0720	M0735	M0731	M0734	M0628	K2328	M0715	M0736
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				PEW,AJT			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE,ESCORTS			
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>4569</b>	DISPATCH DATE:			<b>17.03.2015</b>
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14520</b>
3.	Booked to	<b>SSE/C&amp;W/GKP</b>				
4.	Tare Weight of Coach :	<b>36.99T</b>				
5.	Carrying Capacity :	Seating:	<b>90</b>	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>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>VIBGYOR</b>	<b>85/85</b>	
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>			
	8.3	INSUALTION	<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make <b>ESCORT</b>			
	ii.	SEAT & BERTH	<b>OVPL</b>			
	iii.	WATER TANKS	<b>RAIL FAB</b>			
	iv.	PVC	<b>PREMIR POLYFILM</b>			
	v.	FLOOR BOARD	<b>TAYAL</b>			
	vi.	WINDOWS	<b>ABC, AGF, MECIDON</b>			
	vii.	LAV. DOORS	<b>DHINJAN</b>			
	viii.	LP SHEET	<b>NK</b>			
	ix)	BIO- TOILET	<b>OASIS</b>			
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>			
	10.2	Deviations (if any):	<b>NIL</b>			



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date			
		4569	NER		GS	14520	07-02-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150144				150143			
	ii.	Frame No.	UBLS-1277				UBLS-1269			
	iii.	Axle No.	RWF-92350		RWF-91876		V-9811		N-8062	
	iv.	Wheel Diameter	915.00	915.00	916.00	916.00	915.00	915.00	915.00	915.00
	v.	Wheel Disc No.	55743/ 07458	57675/ 08139	55765/ 07458	55656/ 07458	55766/ 07458	55750/ 07458	55693/ 07458	55737/08 139
	vi.	R.B. Nos.	U-1837	U-752	M0732	M0722	U-1899	U-1850	U-1900	U-768
	vii.	R.B. Make	FAG		NBC		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
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>4571</b>	DISPATCH DATE:			<b>18.03.2015</b>	
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14523</b>	
3.	Booked to	<b>SSE/C&amp;W/GKP</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>1103/1104</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/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>85/85</b>		
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>				
	8.3	INSUALTION	<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	Make				
			<b>ESCORT</b>				
	ii.	SEAT & BERTH	<b>SAVITRI</b>				
	iii.	WATER TANKS	<b>AMIT, RAIL FAB</b>				
	iv.	PVC	<b>PREMIR POLYFILM</b>				
	v.	FLOOR BOARD	<b>TAYAL</b>				
	vi.	WINDOWS	<b>ABC, AGF, MECIDON</b>				
	vii.	LAV. DOORS	<b>DHINJAN</b>				
	viii.	LP SHEET	<b>NA</b>				
	ix)	BIO- TOILET	<b>ORIENTAL VENEER</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date
		4571	NER		GS		14523		11-02-2015
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150165				150154			
	ii. Frame No.	RBO-1289				UBLS-1281			
	iii. Axle No.	A-4418		W-2929		9732		9678	
	iv. Wheel Diameter	916.00	916.00	911.00	911.00	916.00	916.00	915.50	916.00
	v. Wheel Disc No.	62742/ 08675	60347/ 08624	41970/ 03761	41701/ 03624	51897/ 06878	45616/ 06016	57729/ 08139	56370/07 581
	vi. R.B. Nos.	V-1662	V-1723	K-2641	K-2632	L-3080	L-3117	L-3122	L-3116
	vii. R.B. Make	FAG		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:								
	i.	BRAKE CYLINDER (Make)				PEW,AJT			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):				LESS WHEEL DIA			
	ii.	Deviations (if any):				NIL			

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ROLLING STOCK CERTIFICATE

1.	SHELL No:	<b>4568</b>	DISPATCH DATE:			<b>18.03.2015</b>
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14521</b>
3.	Booked to	<b>SSE/C&amp;W/GKP</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>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/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>85/85</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>ESCORT</b>		
ii.	SEAT & BERTH			<b>OVPL</b>		
iii.	WATER TANKS			<b>RAIL FAB</b>		
iv.	PVC			<b>PREMIR POLYFILM</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>		
vii.	LAV. DOORS			<b>DHINJAN</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>ORIENTAL VENEER</b>		
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>	
	10.2	Deviations (if any):			<b>NIL</b>	



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<b>12.</b>	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>
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		4568	NER	GS	14521	11-02-2015					
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
12.2	<b>Wheel &amp; Axle Details:</b>	<b>PP Side</b>				<b>NPP Side</b>					
	i.	<b>Bogie No.</b>	<b>150155</b>				<b>150172</b>				
	ii.	<b>Frame No.</b>	<b>UBLS-1293</b>				<b>ASR-786</b>				
	iii.	<b>Axle No.</b>	<b>0598</b>		<b>P-5793</b>		<b>M-8014</b>		<b>V-9472</b>		
	iv.	<b>Wheel Diameter</b>	916.00	916.00	915.00	915.00	916.00	916.00	916.00	916.00	
	v.	<b>Wheel Disc No.</b>	56422/ 07581	56361/ 07581	08675/ 62853	62108/ 09759	49328/ 06565	55708/ 07458	55755/ 07458	55661/07 458	
	vi.	<b>R.B. Nos.</b>	R-287	T-2673	K2342	K2535	V1498	V1472	K-2490	K-2501	
	vii.	<b>R.B. Make</b>	<b>FAG</b>		<b>NBC</b>		<b>FAG</b>		<b>NBC</b>		
	viii	<b>R.B. Type</b>	<b>Direct Mounted Spherical Roller Bearing</b>								
12.3	<b>Items Traceability:</b>										
	i.	<b>BRAKE CYLINDER (Make)</b>					<b>AJT</b>				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>					<b>KNORR BREMSE</b>				
12.4	i.	<b>Modification/ Trail (if any):</b>					<b>NIL</b>				
	ii.	<b>Deviations (if any):</b>					<b>NIL</b>				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4570</b>				DISPATCH DATE:	<b>21.03.2015</b>
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14522</b>	
3.	Booked to	<b>SSE/C&amp;W/GKP</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>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/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>85/85</b>		
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>				
8.3	INSUALTION		<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT			Make <b>ESCORT</b>			
ii.	SEAT & BERTH			<b>SAVITRI</b>			
iii.	WATER TANKS			<b>RAIL FAB</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>			
vii.	LAV. DOORS			<b>DHINJAN</b>			
viii.	LP SHEET			<b>NA</b>			
ix)	BIO- TOILET			<b>ORIENTAL VENEER</b>			
10.	10.1	Modification/ Trial (if any):				<b>NIL</b>	
	10.2	Deviations (if any):				<b>NIL</b>	



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		4570	NER		GS	14522		11-02-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150170				150160				
	ii. Frame No.	ASR-866				UBLS-1280				
	iii. Axle No.	8150		A-4182		8176		A-3846		
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	916.50	916.00	917.00	916.50	
	v. Wheel Disc No.	10310/234	10176/269	06840/370	07253/231	10306/309	10271/257	10360/295	10369/285	
	vi. R.B. Nos.	M3142	M3165	M3154	M3138	M-3137	M-3181	L-3086	M0714	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
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>4572</b>	DISPATCH DATE:			<b>21.03.2015</b>	
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14524</b>	
3.	Booked to	<b>SSE/C&amp;W/GKP</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>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/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>85/85</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>ESCORT</b>			
ii.	SEAT & BERTH			<b>SAVITRI</b>			
iii.	WATER TANKS			<b>AMIT, RAIL FAB</b>			
iv.	PVC			<b>PREMIER POLYFILM</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>			
vii.	LAV. DOORS			<b>DHINJAN</b>			
viii.	LP SHEET			<b>NA</b>			
ix)	BIO- TOILET			<b>ORIENTAL VENEER</b>			
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>		
	10.2	Deviations (if any):			<b>NIL</b>		



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date	
		4572	NER		GS	14524		22-12-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	141638				141565			
	ii. Frame No.	ASR-745				ASR-732			
	iii. Axle No.	A-3898		P-5828		RWF-104556		Y-7796	
	iv. Wheel Diameter	917.00	917.50	916.00	916.50	917.00	916.50	916.50	917.00
	v. Wheel Disc No.	09006/ 204	08996/ 270	03941/ 242	04228/ 240	09047/ 290	09141/ 360	09122/ 386	09122/25 5
	vi. R.B. Nos.	R508	R123	S1210	S1677	R-435	R-523	R-514	R-735
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				PEW,AJT			
	ii.	SECONDARY Shock Absorber (Make)				K/B,GABRIAL			
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>4538</b>	DISPATCH DATE:			<b>13.03.2015</b>	
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14518</b>	
3.	Booked to	<b>SSE/C&amp;W/GKP</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>1104/1103</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/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>85/85</b>		
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>				
	8.3	INSUALTION	<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	<b>ESCORT</b>				
	ii.	SEAT & BERTH	<b>OVPL</b>				
	iii.	WATER TANKS	<b>AMIT, RAIL FAB</b>				
	iv.	PVC	<b>PREMIR POLYFILM</b>				
	v.	FLOOR BOARD	<b>TAYAL</b>				
	vi.	WINDOWS	<b>ABC, MECIDON</b>				
	vii.	LAV. DOORS	<b>DHINJAN</b>				
	viii.	LP SHEET	<b>NA</b>				
	ix)	BIO- TOILET	<b>ORIENTAL VENEER</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		4538	NER		GS	14518		28-02-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150250				150249				
	ii. Frame No.	ASR-775				ASR-997				
	iii. Axle No.	9355		7470		RWF-98934		9687		
	iv. Wheel Diameter	917.00	916.50	917.00	916.50	916.50	917.00	917.00	916.50	
	v. Wheel Disc No.	10366/ 294	10375/ 308	10315/ 275	10319/ 377	10251/ 267	10290/ 286	10289/ 213	10362/24 2	
	vi. R.B. Nos.	K2177	K2155	J2249	J2215	J1921	J1927	J2044	J1913	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
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>4565</b>	DISPATCH DATE:			<b>13.03.2015</b>	
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14517</b>	
3.	Booked to	<b>SSE/C&amp;W/GKP</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>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/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>85/85</b>		
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>				
	8.3	INSUALTION	<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	<b>ESCORT</b>				
	ii.	SEAT & BERTH	<b>OVPL</b>				
	iii.	WATER TANKS	<b>RAIL FAB</b>				
	iv.	PVC	<b>PREMIR POLYFILM</b>				
	v.	FLOOR BOARD	<b>TAYAL</b>				
	vi.	WINDOWS	<b>AGF,ABC, MECIDON</b>				
	vii.	LAV. DOORS	<b>DHINJAN</b>				
	viii.	LP SHEET	<b>NA</b>				
	ix)	BIO- TOILET	<b>OASIS</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date	
		4565	NER		GS	14517		02-03-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150253				150252			
	ii. Frame No.	ASR-980				ASR-967			
	iii. Axle No.	5303		8120		T-0195		V-1268	
	iv. Wheel Diameter	916.50	917.00	916.50	917.00	917.00	917.00	917.00	916.50
	v. Wheel Disc No.	10293/267	10298/287	10278/238	10308/324	08095/280	07205/370	10261/242	10204/334
	vi. R.B. Nos.	A-0719	A-0912	J-2182	J-2198	J-2176	J-2186	J-2148	J-2209
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
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>4564</b>	DISPATCH DATE:			<b>13.03.2015</b>	
2.	RAILWAY	<b>NER</b>	Type:	<b>GS</b>	Coach No.:	<b>14514</b>	
3.	Booked to	<b>SSE/C&amp;W/GKP</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>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/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>85/85</b>		
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>				
	8.3	INSUALTION	<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	<b>ESCORT</b>				
	ii.	SEAT & BERTH	<b>OVPL</b>				
	iii.	WATER TANKS	<b>RAIL FAB</b>				
	iv.	PVC	<b>PREMIR POLYFILM</b>				
	v.	FLOOR BOARD	<b>TAYAL</b>				
	vi.	WINDOWS	<b>AGF,ABC, MECIDON</b>				
	vii.	LAV. DOORS	<b>DHINJAN</b>				
	viii.	LP SHEET	<b>NA</b>				
	ix)	BIO- TOILET	<b>ORIENTAL VENEER</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date	
		4564	NER		GS	14514		10-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150163				150153			
	ii. Frame No.	ASR-901				ASR-916			
	iii. Axle No.	4037		4050		Y-8432		A-5925	
	iv. Wheel Diameter	915.50	915.00	915.00	915.00	917.00	917.00	916.00	916.00
	v. Wheel Disc No.	10368/248	06930/387	03752/286	08847/280	10333/210	10360/289	08085/254	08071/241
	vi. R.B. Nos.	K-2325	K-2306	K-2343	K-2320	M0807	M-0793	M0808	M0625
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				PEW,AJT			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

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