



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>5078</b>	DISPATCH DATE:		<b>23.05.2015</b>		
2.	RAILWAY	<b>NCR</b>	Type:	<b>GS</b>	Coach No.:	<b>15427</b>	
3.	Booked to	<b>SSE/C&amp;W/ALD</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>JLS</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>APC</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>ESCORTS</b>			
ii.	SEAT & BERTH			<b>SAVITRI</b>			
iii.	WATER TANKS			<b>AMIT, RAIL FAB, RUBICONE</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>			
vii.	LAV. DOORS			<b>AMIR CHAND</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.	<b>Bogie Details:</b>	<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
		5078		NCR		GS		15427		15-05-2015	
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>	150603					150609			
	ii.	<b>Frame No.</b>	RBO-1398					RBO-1437			
	iii.	<b>Axle No.</b>	A-4636		A-4009		A-3872		11807		
	iv.	<b>Wheel Diameter</b>	916.50	916.00	916.50	916.00	916.00	916.00	917.00	917.00	
	v.	<b>Wheel Disc No.</b>	10649/ 299	10671/ 208	10325/ 275	10740/ 313	10742/ 254	10707/ 379	10712/ 251	07237/25 3	
	vi.	<b>R.B. Nos.</b>	X-1755	X-1783	X-1988	X-1971	X-1994	X-1576	X-1577	X-2040	
	vii.	<b>R.B. Make</b>	FAG		FAG		FAG		FAG		
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	i.	<b>BRAKE CYLINDER (Make)</b>					3016,6509 PEW		E-7873,E-5967 PEW		
	ii.	<b>SECONDARY Shock Absorber (Make)</b>					00661,00193 K/B		00330,00117 K/B		
12.4	i.	<b>Modification/ Trail (if any):</b>					NIL				
	ii.	<b>Deviations (if any):</b>					NIL				

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Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>5066</b>	DISPATCH DATE:			<b>29.05.2015</b>
2.	RAILWAY	<b>NCR</b>	Type:	<b>GS</b>	Coach No.:	<b>15426</b>
3.	Booked to	<b>SSE/C&amp;W/ALD</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>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/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>GS</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>ESCORTS</b>		
ii.	SEAT & BERTH			<b>SAVITRI</b>		
iii.	WATER TANKS			<b>RAIL FAB, RUBICONE</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	WINDOWS			<b>ABC, AGF, MECIDON</b>		
vii.	LAV. DOORS			<b>AMIR CHAND</b>		
viii.	LP SHEET			<b>NK</b>		
ix)	BIO- TOILET			<b>OASIS, 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			
		5066	NC		GS	15426	14-05-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150585				150592			
	ii.	Frame No.	ASR-152				RBO-1403			
	iii.	Axle No.	9586		3982		A-5510		4166	
	iv.	Wheel Diameter	912.00	912.00	912.00	912.00	912.00	912.00	913.00	913.00
	v.	Wheel Disc No.	57635/08139	08139/57724	09544/13701	68334/09424	60811/08510	09629/14362	06419/13600	06805/13172
	vi.	R.B. Nos.	X-1777	X-1365	X-1571	X-1520	X-1542	X-1581	X-1544	X-1497
	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)				3618,3612 AJT		3820,3859 AJT		
	ii.	SECONDARY Shock Absorber (Make)				92450,99840 K/B		00372,00777 K/B		
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				LESS WHEEL DIA				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>5080</b>	DISPATCH DATE:			<b>25.05.2015</b>
2.	RAILWAY	<b>NCR</b>	Type:	<b>GS</b>	Coach No.:	<b>15429</b>
3.	Booked to	<b>SSE/C&amp;W/ALD</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>JLS</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>APC</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>ESCORTS</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>AMIR CHAND</b>	
	viii.	LP SHEET			<b>NK</b>	
	ix)	BIO- TOILET			<b>ORIENTAL, 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			
		5080	NC	GS	15429	28-04-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150525				150521			
	ii. Frame No.	UBLS-1361				UBLS-1350			
	iii. Axle No.	L-0175		10720		U-4740		RWF-98036	
	iv. Wheel Diameter	918.00	918.00	917.00	917.00	916.00	916.00	918.00	918.00
	v. Wheel Disc No.	10342/282	10131/385	10682/262	10343/239	10371/259	10749/290	10319/266	10743/248
	vi. R.B. Nos.	L3000	L2977	C3073	C3046	L2781	L2765	L3072	L30003
	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:	5076	DISPATCH DATE:			25.05.2015
2.	RAILWAY	NCR	Type:	GS	Coach No.:	15428
3.	Booked to	SSE/C&W/ALD				
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		1103/1102	
viii)	Buffer/CBC (Make )		JLS			
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	APC	85/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT		ESCORTS			
ii.	SEAT & BERTH		OVPL			
iii.	WATER TANKS		RAIL FAB, RUBICONE			
iv.	PVC		RESPONSIVE			
v.	FLOOR BOARD		TAYAL			
vi.	WINDOWS		ABC, AGF, MECIDON			
vii.	LAV. DOORS		AMIR CHAND			
viii.	LP SHEET		NK			
ix)	BIO- TOILET		RASANDIK, OASIS			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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Rail Coach Factory , Kapurthala

12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5076	NCR	GS	15428	14-05-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150572				150607			
	ii.	Frame No.	ASR-785				RBO-1416			
	iii.	Axle No.	A3928		L-0131		P-9968		11609	
	iv.	Wheel Diameter	918.00	918.00	916.00	916.00	916.00	916.00	916.00	916.00
	v.	Wheel Disc No.	08927/ 269	10434/ 380	10346/ 378	10568/ 319	10568/ 267	10442/ 384	10747/ 290	10746/27 6
	vi.	R.B. Nos.	X-1870	X-1992	X-1987	X-1990	X-1566	X-1976	X-1580	X-1565
	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)			3603,3842 AJT		E-9212,E-7143 PEW			
	ii.	SECONDARY Shock Absorber (Make)			00184,00169 K/B		00259,00190 K/B			
12.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			NIL					

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