



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4090</b>	DISPATCH DATE:		<b>17.04.2015</b>
2.	RAILWAY	<b>SECR</b>	Type:	<b>WGSCN</b>	Coach No.: <b>14214</b>
3.	Booked to	<b>SSE/C&amp;W/BSP</b>			
4.	Tare Weight of Coach :	<b>38.03</b>			
5.	Carrying Capacity :	Seating: <b>72</b>	Sleeping: <b>72</b>	Luggage: <b>NIL</b>	
6.	Shell Details: SE90017				
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			
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	<b>SATISFACTORY</b>			
8.3	INSUALTION	<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:				
i.	BRAKE EQUIPMENT	Make <b>FAIVELEY</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.	UIC VESTIBULE	<b>KRP</b>			
vii.	WINDOWS	<b>AGF, ABC, MECIDON</b>			
viii.	LAV. DOORS	<b>DHINJAN</b>			
ix)	LP SHEET	<b>NA</b>			
x)	BIO- TOILET	<b>D/E, ORIENTAL</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>			
		4090	WECR	WGSCN	14214	31-03-2015			
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>	150359				150362			
	ii. <b>Frame No.</b>	RBO-1323				ASR-962			
	iii. <b>Axle No.</b>	A-3886		P-1867		5235		10189	
	iv. <b>Wheel Diameter</b>	915.50	915.00	915.00	915.00	915.00	915.00	916.50	916.00
	v. <b>Wheel Disc No.</b>	02567/ 12813	05717/ 13736	08983/ 13204	06168/ 13471	05960/ 13448	05055/ 13830	05323/ 14068	05132/ 18830
	vi. <b>R.B. Nos.</b>	A-1483	A-1006	A-1382	A-1551	A-0966	A-0735	916.50	916.00
	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>				PEW			
	ii.	<b>SECONDARY Shock Absorber (Make)</b>				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>4103</b>	DISPATCH DATE:		<b>17.04.2015</b>
2.	RAILWAY	<b>SECR</b>	Type:	<b>WGSCN</b>	Coach No.: <b>14223</b>
3.	Booked to	<b>SSE/C&amp;W/BSP</b>			
4.	Tare Weight of Coach :	<b>38.03</b>			
5.	Carrying Capacity :	Seating: <b>72</b>	Sleeping: <b>72</b>	Luggage: <b>NIL</b>	
6.	Shell Details: SE90017				
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			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1102</b>	<b>1103/1104</b>	
viii)	Buffer/CBC (Make )	<b>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/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	<b>SATISFACTORY</b>			
8.3	INSUALTION	<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:				
i.	BRAKE EQUIPMENT	Make <b>FAIVELEY</b>			
ii.	SEAT & BERTH	<b>SAVITRI</b>			
iii.	WATER TANKS	<b>AMIT, RAIL FAB</b>			
iv.	PVC	<b>RESPONSIVE</b>			
v.	FLOOR BOARD	<b>TAYAL</b>			
vi	UIC VESTIBULE	<b>KRP</b>			
vii	WINDOWS	<b>ABC, MECIDON</b>			
viii	LAV. DOORS	<b>DHINJAN</b>			
ix)	LP SHEET	<b>NA</b>			
x)	BIO- TOILET	<b>ALFA`</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			
		4103	SECR	WGSCN	14223	03-04-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150377				150376			
	ii. Frame No.	ASR-890				ASR-958			
	iii. Axle No.	A-3750		4138		9016		10426	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	10304/269	10303/219	12044/311	12042/290	06994/267	10318/210	10208/384	10250/214
	vi. R.B. Nos.	A-1545	M-3108	M3013	M2992	M-3024	M-2980	M3016	M-3000
	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			
	ii. SECONDARY Shock Absorber (Make)					KNORR BREMSE			
12.4	i. Modification/ Trail (if any):					NIL			
	ii. Deviations (if any):					NIL			

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Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	4091	DISPATCH DATE:			15.04.2015
2.	RAILWAY	SECR	Type:	WGSCN	Coach No.:	14209
3.	Booked to	SSE/C&W/BSP				
4.	Tare Weight of Coach :	38.03				
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage: NIL
6.	Shell Details: SE90017					
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		
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		APEX	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			FAIVELEY		
ii.	SEAT & BERTH			SUKATA		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			ABC,MECIDON		
viii.	LAV. DOORS			DHINJAN		
ix)	LP SHEET			NA		
x)	BIO- TOILET			M K PRECISION, OASIS		
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			
		4091	SECR	WGSCN	14209	28-03-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150344				150343			
	ii. Frame No.	ASR-1041				ASR-1046			
	iii. Axle No.	A-3599		9483		10122		A-4630	
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	915.50	915.00	916.00	916.00
	v. Wheel Disc No.	60837/ 08510	09711/ 14862	06856/ 13600	06034/ 13471	05156/ 13830	06670/ 13099	05339/ 14068	06889/13 600
	vi. R.B. Nos.	M-2907	M3230	A1567	M-2804	A-0716	A-1362	A-0957	A-1313
	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:	4095	DISPATCH DATE:			11.04.2015
2.	RAILWAY	SECR	Type:	WGSCN	Coach No.:	14218
3.	Booked to	SSE/C&W/BSP				
4.	Tare Weight of Coach :	38.03				
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage: NIL
6.	Shell Details: SE90017					
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		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1103/1104	
viii)	Buffer/CBC (Make )			HEPL		
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		APEX	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			FAIVELEY		
ii.	SEAT & BERTH			SUKATA		
iii.	WATER TANKS			AMIT, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			DHINJAN		
ix)	LP SHEET			NA		
x)	BIO- TOILET			M K PRECISION		
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			
		4095	SECR	WGSCN	14218	02-04-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150371				150375			
	ii. Frame No.	ASR-990				ASR-960			
	iii. Axle No.	A-4515		Y-7848		A-4309		N-7304	
	iv. Wheel Diameter	917.00	916.50	916.00	916.00	915.00	915.00	915.00	915.00
	v. Wheel Disc No.	62707/ 08675	06688/ 13094	05982/ 13441	06397/ 13600	05923/ 13448	05946/ 13448	05170/ 13830	05973/ 13448
	vi. R.B. Nos.	M3170	M3158	M3110	M3019	A1025	A1016	A0925	A1537
	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			
	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>4089</b>	DISPATCH DATE:			<b>18.04.2015</b>
2.	RAILWAY	<b>SECR</b>	Type:	<b>WGSCN</b>	Coach No.:	<b>14213</b>
3.	Booked to	<b>SSE/C&amp;W/BSP</b>				
4.	Tare Weight of Coach :	<b>38.03</b>				
5.	Carrying Capacity :	Seating:	<b>72</b>	Sleeping:	<b>72</b>	Luggage: <b>NIL</b>
6.	Shell Details: SE90017					
	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			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1102</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>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>FAIVELEY</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	UIC VESTIBULE	<b>KRP</b>			
	vii	WINDOWS	<b>ABC, AGF, MECIDON</b>			
	viii	LAV. DOORS	<b>DHINJAN</b>			
	ix)	LP SHEET	<b>NA</b>			
	x)	BIO- TOILET	<b>OASIS, M K PRECISION</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		
		4089	SECR		WGSCN	14213		01-04-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150361				150363				
	ii. Frame No.	UBLS-1312				ASR-16				
	iii. Axle No.	A-4567		A-4403		9484		U-7177		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	915.00	915.00	915.00	915.00	
	v. Wheel Disc No.	08946/13204	06791/13172	60814/08510	60816/08510	08911/13204	05109/13830	05276/14068	06704/13094	
	vi. R.B. Nos.	A-0892	A-0979	A-1360	A-1525	A-0712	A-0878	A-1046	A-1570	
	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				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

**WGSCN-4089**



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**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4093</b>	DISPATCH DATE:			<b>22.04.2015</b>
2.	RAILWAY	<b>SECR</b>	Type:	<b>WGSCN</b>	Coach No.:	<b>14212</b>
3.	Booked to	<b>SSE/C&amp;W/BSP</b>				
4.	Tare Weight of Coach :	<b>38.03</b>				
5.	Carrying Capacity :	Seating:	<b>72</b>	Sleeping:	<b>72</b>	Luggage: <b>NIL</b>
6.	Shell Details: SE90017					
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				
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>		<b>1104/1100</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	<b>SATISFACTORY</b>				
8.3	INSUALTION	<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT	Make				<b>FAIVELEY</b>
ii.	SEAT & BERTH	Make				<b>SUKATA</b>
iii.	WATER TANKS	Make				<b>AMIT</b>
iv.	PVC	Make				<b>RESPONSIVE</b>
v.	FLOOR BOARD	Make				<b>TAYAL</b>
vi.	UIC VESTIBULE	Make				<b>KRP</b>
vii.	WINDOWS	Make				<b>ABC, MECIDON</b>
viii.	LAV. DOORS	Make				<b>DHINJAN</b>
ix)	LP SHEET	Make				<b>NA</b>
x)	BIO- TOILET	Make				<b>OASIS, M K PRECISION</b>
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>			
	10.2	Deviations (if any):	<b>NIL</b>			



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

12.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>				
		4093	SECR	WGSCN	14212	01-04-2015				
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>	150367				150364			
	ii.	<b>Frame No.</b>	ASR-19				RBO-1320			
	iii.	<b>Axle No.</b>	A-4297		A-4406		U-8747		7684	
	iv.	<b>Wheel Diameter</b>	917.50	917.00	917.50	917.00	918.00	918.00	917.00	917.00
	v.	<b>Wheel Disc No.</b>	05545/ 219	10203/ 208	05774/ 209	07320/ 251	08090/ 254	10302/ 267	10311/ 250	10387/29 0
	vi.	<b>R.B. Nos.</b>	A-1475	A-1328	F-0664	A-1091	F-0697	F-0659	M0712	M0739
	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>				<b>PEW</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>				

**WGSCN-4093**



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4105</b>	DISPATCH DATE:		<b>22.04.2015</b>		
2.	RAILWAY	<b>SECR</b>	Type:	<b>WGSCN</b>	Coach No.:	<b>14221</b>	
3.	Booked to	<b>SSE/C&amp;W/BSP</b>					
4.	Tare Weight of Coach :	<b>38.03</b>					
5.	Carrying Capacity :	Seating:	<b>72</b>	Sleeping:	<b>72</b>	Luggage:	<b>NIL</b>
6.	Shell Details: SE90017						
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					
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>		<b>1103/1104</b>		
viii)	Buffer/CBC (Make )	<b>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>85/85</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>FAIVELEY</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.	UIC VESTIBULE	<b>KRP</b>					
vii.	WINDOWS	<b>ABC, MECIDON</b>					
viii.	LAV. DOORS	<b>DHINJAN</b>					
ix)	LP SHEET	<b>NA</b>					
x)	BIO- TOILET	<b>OASIS, RAIL FAB</b>					
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



12.	<b>Bogie Details:</b>	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4105	SECR	WGSCN	14221	03-04-2015				
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>									
12.2	<b>Wheel &amp; Axle Details:</b>	PP Side				NPP Side				
	i.	Bogie No.	150380				150381			
	ii.	Frame No.	ASR-957				ASR-1077			
	iii.	Axle No.	U-8222		A-5140		Y-6419		10376	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.00	916.00
	v.	Wheel Disc No.	05708/ 206	08070/ 236	10318/ 267	10200/ 204	10359/ 262	10294/ 257	10281/ 379	10295/20 5
	vi.	R.B. Nos.	M-3117	M-3038	M3107	M3090	J-1874	M0669	J-1931	M0651
	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)				PEW				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

**WGSCN-4105**



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4104</b>	DISPATCH DATE:		<b>20.04.2015</b>		
2.	RAILWAY	<b>SECR</b>	Type:	<b>WGSCN</b>	Coach No.:	<b>14222</b>	
3.	Booked to	<b>SSE/C&amp;W/BSP</b>					
4.	Tare Weight of Coach :	<b>38.03</b>					
5.	Carrying Capacity :	Seating:	<b>72</b>	Sleeping:	<b>72</b>	Luggage:	<b>NIL</b>
6.	Shell Details: SE90017						
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					
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1103</b>	<b>1102/1104</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>APEX</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>FAIVELEY</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.	UIC VESTIBULE		<b>KRP</b>				
vii.	WINDOWS		<b>ABC, MECIDON</b>				
viii.	LAV. DOORS		<b>DHINJAN</b>				
ix)	LP SHEET		<b>NA</b>				
x)	BIO- TOILET		<b>ALFA</b>				
10.	10.1	Modification/ Trial (if any):	<b>NIL</b>				
	10.2	Deviations (if any):	<b>NIL</b>				



12.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>				
		4104	SECR	WGSCN	14222	03-04-2015				
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>	150378				150379			
	ii.	<b>Frame No.</b>	ASR-1011				ASR-1038			
	iii.	<b>Axle No.</b>	Y-8283		10409		A-3639		9118	
	iv.	<b>Wheel Diameter</b>	917.00	917.00	917.00	917.00	918.00	918.00	915.00	915.00
	v.	<b>Wheel Disc No.</b>	10304/ 250	10102/ 300	10339/ 218	10261/ 273	10353/ 242	06927/ 285	10315/ 279	10208/20 3
	vi.	<b>R.B. Nos.</b>	A0893	A0895	M3020	M3008	M2999	M2749	M3021	M3001
	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>				<b>PEW</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>				

**WGSCN-4104**