



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>5078</b>	DISPATCH DATE:			<b>09.09.2015</b>	
2.	RAILWAY	<b>CR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>15144</b>	
3.	Booked to	<b>SSE/C&amp;W/CSTM</b>					
4.	Tare Weight of Coach :	<b>52.53 T</b>					
5.	Carrying Capacity :	Seating:	<b>64</b>	Sleeping:	<b>64</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 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1100</b>	<b>1104/1102</b>		
viii)	Buffer/CBC (Make )			<b>JLS</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>87/86</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>SUKATA</b>			
iii.	WATER TANKS			<b>EC BLADE, RAIL TECH,</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>NARBADA</b>			
vi.	UIC VESTIBULE			<b>ESCORT</b>			
vii.	LAV. DOORS			<b>TWRC</b>			
viii.	LP SHEET			<b>NA</b>			
ix.	BIO- TOILET			<b>OMAX, RAIL TECH</b>			
10.	10.1	Modification/ Trial (if any):		<b>NIL</b>			
	10.2	Deviations (if any):		<b>NIL</b>			



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11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date			
		5078	CR		WGACCN	15144	23-06-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	153226				153231				
	ii. Frame No.	UBLS-4634				UBLS-4674				
	iii. Axle No.	A-3673		A-4169		U-4545		P-3831		
	iv. Wheel Diameter	916.00	916.00	916.50	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	10732/282	10760/273	10376/227	10228/250	10370/378	92385/323	10374/300	96331/240	
	vi. R.B. Nos.	C3280	C3312	C3336	C3340	C-3246	C3243	C2902	C-2871	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-5949,7006		AJT-3883,3975		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-00040,00439		K/B-99987,00206		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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1.	SHELL No:	5080	DISPATCH DATE:			09.09.2015	
2.	RAILWAY	CR	Type:	WGACCN	Coach No.:	15145	
3.	Booked to	SSE/C&W/CSTM					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	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			181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make )			JLS			
ix)	Draw Gear (Make)			EMSON			
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		VIBGYOR	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			SUKATA			
iii.	WATER TANKS			KUTEER, SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			ESCORT			
vii.	LAV. DOORS			TWPL			
viii.	LP SHEET			NA			
ix.	BIO- TOILET			OMAX, AMIT			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			



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11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		5080	CR		WGACCN	15145	26-08-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	153418				153419					
	ii. Frame No.	UBLS-4888				UBLS-4889					
	iii. Axle No.	F-5230		Y-6948		A-4954		Y-7606			
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00		
	v. Wheel Disc No.	07356/272	07358/223	06138/267	03762/228	08943/267	08084/380	08069/249	08065/201		
	vi. R.B. Nos.	F0995	F0993	F1010	F1001	D0629	D0619	F0858	F0917		
	vii. R.B. Make	NBC		NBC		NBC		NBC			
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing									
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE				
	i.	BRAKE CYLINDER Make & NO.				WSF-90,92		ASSOC-440,161			
	ii.	SECONDARY Shock Absorber Make &NO.				IAI-140025,140038		IAI-13164,140043			
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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Form No. :

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Version: 05

1.	SHELL No:	<b>5079</b>	DISPATCH DATE:			<b>05.09.2015</b>	
2.	RAILWAY	<b>CR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>15146</b>	
3.	Booked to	<b>SSE/C&amp;W/CSTM</b>					
4.	Tare Weight of Coach :	<b>52.53 T</b>					
5.	Carrying Capacity :	Seating:	<b>64</b>	Sleeping:	<b>64</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 mm (AE63143)				
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1100/1096</b>	<b>1104/1104</b>		
	viii)	Buffer/CBC (Make )	<b>JLS</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>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>ESCORTS</b>		
	ii.	SEAT & BERTH			<b>SAVITRI</b>		
	iii.	WATER TANKS			<b>KUTEER, RAIL TECH,SHIVALIK</b>		
	iv.	PVC			<b>RESPONSIVE</b>		
	v.	FLOOR BOARD			<b>NARBADA</b>		
	vi.	UIC VESTIBULE			<b>CEMCON</b>		
	vii.	LAV. DOORS			<b>SAVITRI</b>		
	viii.	LP SHEET			<b>NA</b>		
	ix)	BIO- TOILET			<b>OMAX, RAIL TECH</b>		
10.	10.1	Modification/ Trial (if any):				<b>NIL</b>	
	10.2	Deviations (if any):				<b>NIL</b>	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5079	CR	WGACCN	15146	22-08-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	153174				153193				
	ii. Frame No.	UBLS-4640				UBLS-4608				
	iii. Axle No.	A-4568		A-4467		A-4229		9100		
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	916.00	916.00	915.00	915.00	
	v. Wheel Disc No.	09863/ 13966	09405/ 13353	11452/ 15420	60862/ 08510	06683/ 13094	08810/ 13572	09303/ 13353	08948/13 204	
	vi. R.B. Nos.	M3219	M3228	M3213	M3231	A-1116	A0949	A0927	A0931	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				AJT-4112,4041		AJT-4043,4056		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-97782,97352		K/B-017127,97314		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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