



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5018	DISPATCH DATE:			29.05.2015	
2.	RAILWAY	WCR	Type:	WGACCN	Coach No.:	15102	
3.	Booked to	SSE/C&W/JBP					
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)			ATUL			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² 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 ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² 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	GS	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT			Make ESCORTS			
ii.	SEAT & BERTH			OVPL			
iii.	WATER TANKS			SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			ORIENTAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			SAVITRI			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			ORIENTAL, OMAX			
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				
		5018	WC	WGACCN	15102	20-05-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	153255				153253			
	ii.	Frame No.	UBLS-4675				UBLS-4678			
	iii.	Axle No.	A-4485		S-1597		11812		A-3813	
	iv.	Wheel Diameter	916.00	916.00	916.00	916.00	916.00	916.00	917.00	917.00
	v.	Wheel Disc No.	08997/233	10481/396	08764/269	10294/278	10405/204	10746/246	10145/208	10567/219
	vi.	R.B. Nos.	X1429	X1205	X1209	X1117	X0945	X1983	X0968	X0978
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER (Make)				PEW-E-7892,E-5977			AJT-3910,3926	
	ii.	SECONDARY Shock Absorber (Make)				K/B-00230,00182			K/B-99958,00111	
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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1.	SHELL No:	5015	DISPATCH DATE:			30.05.2015	
2.	RAILWAY	WCR	Type:	WGACCN	Coach No.:	15101	
3.	Booked to	SSE/C&W/JBP					
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	1100/1100		
viii)	Buffer/CBC (Make)			ATUL			
ix)	Draw Gear (Make)			EMON			
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		GS	85/86		
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			SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			ORIENTAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			SAVITRI			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			M K PRECISION, OMAX			
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			
		5015	WC	WGACCN	15101	19-05-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	153233				153249			
	ii. Frame No.	UBLS-4673				UBLS-9648			
	iii. Axle No.	A-3930		V-9471		R-1413		RWF-92554	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	1021/2 76	07357/ 380	10545/ 218	08188/ 254	10131/ 300	10390/ 278	07038/ 255	10748/37 1
	vi. R.B. Nos.	C3237	C3204	C3273	C3278	C3367	C3248	C3247	C3255
	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)			E5896,E6588 PEW		E5939,E5989 PEW		
	ii.	SECONDARY Shock Absorber (Make)			00191,11617 K/B		00155,00165 K/B		
12.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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1.	SHELL No:	5016	DISPATCH DATE:			01.06.2015
2.	RAILWAY	WCR	Type:	WGACCN	Coach No.:	15103
3.	Booked to	SSE/C&W/JBP				
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	1103/1104	
viii)	Buffer/CBC (Make)			ATUL		
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	GS	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			RCF		
iii.	WATER TANKS			SHIVALIK		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			KRP		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			NK		
ix)	BIO- TOILET			OASIS, OMAX		
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	
		5016	WCR		WGACCN		15103		20-05-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	153221				153246			
	ii.	Frame No.	UBLS-4666				UBLS-4658			
	iii.	Axle No.	A-4397		P-3779		A-3818		U-4260	
	iv.	Wheel Diameter	916.00	916.00	916.50	917.00	916.00	916.00	917.00	917.00
	v.	Wheel Disc No.	08127/2 67	05827/2 59	07251/3 74	07208/2 50	07110/2 36	06997/2 41	07246/2 56	06965/289
	vi.	R.B. Nos.	C-3354	C-3383	C-3367	C-3392	C-3262	C-3281	L-3067	L-3060
	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)				E6986,E7100 PEW		3852,3616 AJT		
	ii.	SECONDARY Shock Absorber (Make)				00171,00604 K/B		00633,00099 K/B		
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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Form No. :

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1.	SHELL No:	5020	DISPATCH DATE:			30.05.2015	
2.	RAILWAY	WCR	Type:	WGACCN	Coach No.:	15104	
3.	Booked to	SSE/C&W/JBP					
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		1104/1102	1102/1104		
viii)	Buffer/CBC (Make)			HEPL			
ix)	Draw Gear (Make)			RK			
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		GS	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT			Make ESCORTS			
ii.	SEAT & BERTH			OVPL			
iii.	WATER TANKS			SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			ORIENTAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			SAVITRI			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			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		
		5020	WCR		WGACCN	15104	21-05-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	153256				153257			
	ii. Frame No.	UBLS-4703				UBLS-4696			
	iii. Axle No.	U-6660		Y-6782		S-1847		A-4275	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	10711/3 71	10749/2 39	08899/3 81	05729/2 21	10671/2 48	10749/2 74	10743/3 15	05961/243
	vi. R.B. Nos.	W1557	W1588	W1480	W1553	W1590	W1496	X1352	X1358
	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)			9188,9157 PEW		6018,9144 PEW		
	ii.	SECONDARY Shock Absorber (Make)			10806,10918 GABRIEL		10812,10807 GABRIEL		
12.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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