



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	6063	DISPATCH DATE:			20.01.2017
2.	RAILWAY	SER	Type:	WGACCN	Coach No.:	168127
3.	Booked to	SSE/C&W/HTE				
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					
ii)	Maximum length over Body					
iii)	Maximum length over Buffer					
iv)	Maximum width over Body					
v)	Maximum width over Flasher light					
vi)	Minimum height above rail level to the lowest fitting					
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/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			NEROLAC	85/85	
8.2	APPLICATION OF PCN-123					
8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			SUKATA		
iii.	WATER TANKS			SHIVALIK		
iv.	PVC			NARBADA		
v.	FLOOR BOARD			RESPONSIVE		
vi.	UIC VESTIBULE			KRP		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			PL		
ix)	BIO- TOILET			OMAX		
10	10.1	Modification/ Trial (if any):				
.	10.2	Deviations (if any):				



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		6063	SER	WGACCN	168127	07-12-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	163265				163269				
	ii. Frame No.	UBLS-5347				UBLS-5334				
	iii. Axle No.	RWF-111934		RWF-112797		RWF-111946		RWF-111602		
	iv. Wheel Diameter	918.00	918.00	917.00	917.00	918.00	918.00	917.00	917.00	
	v. Wheel Disc No.	19706/386	19709/338	21060/397	19886/344	19829/271	19586/316	21031/393	19760/242	
	vi. R.B. Nos.	S0807	S0627	G0387	G0410	S0636	S0728	G0404	G0426	
	vii. R.B. Make	FAG		NBC		FAG		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.			AJTECH-568,553		AJTECH-225,227			
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-4216,4217		GABRIEL-4228,4214			
11.4	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:	6061	DISPATCH DATE:			24.01.2017	
2.	RAILWAY	SER	Type:	WGACCN	Coach No.:	168126	
3.	Booked to	SSE/C&W/HTE					
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						
ii)	Maximum length over Body						
iii)	Maximum length over Buffer						
iv)	Maximum width over Body						
v)	Maximum width over Flasher light						
vi)	Minimum height above rail level to the lowest fitting						
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1100/1100	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/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			NEROLAC	85/85		
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			KBI			
ii.	SEAT & BERTH			SUKATA			
iii.	WATER TANKS			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PL			
ix)	BIO- TOILET			OMAX			
10	10.1	Modification/ Trial (if any):					
.	10.2	Deviations (if any):					



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		6061	SER		WGACCN		168126		30-11-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	163256				163257					
	ii. Frame No.	UBLS-5343				UBLS-5325					
	iii. Axle No.	S-8133		J-2880		RWF-113281		S-8826			
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00		
	v. Wheel Disc No.	19727/325	20113/232	19931/327	20045/210	20092/247	20064/340	19582/337	20113/323		
	vi. R.B. Nos.	U1341	S0556	S0294	S0862	S0740	S0741	G0169	G0198		
	vii. R.B. Make	FAG		FAG		FAG		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.				AJTECH-561,520		AJTECH-554,512			
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-4912,4214		GABRIEL-4379,4417			
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	6064	DISPATCH DATE:			24.01.2017	
2.	RAILWAY	SER	Type:	WGACCN	Coach No.:	168129	
3.	Booked to	SSE/C&W/SRC					
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						
ii)	Maximum length over Body						
iii)	Maximum length over Buffer						
iv)	Maximum width over Body						
v)	Maximum width over Flasher light						
vi)	Minimum height above rail level to the lowest fitting						
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/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		NEROLAC	85/85			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					KBI	
ii.	SEAT & BERTH					RCF	
iii.	WATER TANKS					AMIT, SHIVALIK	
iv.	PVC					RESPONSIVE	
v.	FLOOR BOARD					NARBADA	
vi.	UIC VESTIBULE					KRP	
vii.	LAV. DOORS					GANDHI	
viii.	LP SHEET					--	
ix)	BIO- TOILET					OMAX	
10	10.1	Modification/ Trial (if any):					
.	10.2	Deviations (if any):					



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		6064	SER	WGACCN	168129	16-12-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	163290				163293				
	ii. Frame No.	UBLS-5371				UBLS-5378				
	iii. Axle No.	K-8009		P-3448		M-7966		U-9625		
	iv. Wheel Diameter	916.50	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	v. Wheel Disc No.	53437/08410	54195/07991	46984/06308	53741/08267	54640/08823	54661/08823	54674/08823	46968/06308	
	vi. R.B. Nos.	F3190	F3149	F3156	G0444	F3169	F3186	F3139	F3184	
	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.				AJTECH-612,549		AJTECH-534,518		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-4410,4409		GABRIEL-4413,4415		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>6062</b>	DISPATCH DATE:			<b>25.01.2017</b>	
2.	RAILWAY	<b>SER</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>168128</b>	
3.	Booked to	<b>SSE/C&amp;W/HTE</b>					
4.	Tare Weight of Coach :	<b>52.53 T</b>					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	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						
ii)	Maximum length over Body						
iii)	Maximum length over Buffer						
iv)	Maximum width over Body						
v)	Maximum width over Flasher light						
vi)	Minimum height above rail level to the lowest fitting						
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1103/1102</b>			
viii)	Buffer/CBC (Make )						
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		<b>NEROLAC</b>	<b>85/85</b>			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					<b>KBI</b>	
ii.	SEAT & BERTH					<b>SUKATA</b>	
iii.	WATER TANKS					<b>SHIVALIK</b>	
iv.	PVC					<b>RESPONSIVE</b>	
v.	FLOOR BOARD					<b>NARBADA</b>	
vi.	UIC VESTIBULE					<b>KRP</b>	
vii.	LAV. DOORS					<b>GANDHI</b>	
viii.	LP SHEET					<b>PUNJAB LAMINATE</b>	
ix)	BIO- TOILET					<b>OMAX</b>	
10.	10.1	Modification/ Trial (if any):					
	10.2	Deviations (if any):					



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11.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date	
		6062	SER		WGACCN	168128		07-12-2016	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163272				163276			
	ii. Frame No.	UBLS-5364				UBLS-5341			
	iii. Axle No.	H-0167		K-5524		RWF-111629		K-5191	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	21166/3 55	19929/3 39	19546/3 98	19665/2 79	21228/3 35	21247/3 25	12183/2 20	18310/327
	vi. R.B. Nos.	G0431	G0401	G2292	G2322	G2311	G2307	G2293	G2290
	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.			AJTECH-519,522		AJTECH-220,204		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-4221,4226		GABRIEL-4255,4224		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				