



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 2

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6085	DISPATCH DATE:			02.03.2017	
2.	RAILWAY	NFR	Type:	WGACCN	Coach No.:	16111	
3.	Booked to		SSE/C&W/GHY				
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	1104/1102			
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		GS	85/85			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			KBI			
ii.	SEAT & BERTH			SAVITRI			
iii.	WATER TANKS			MANOJ, SHIVALIK			
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):					



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		6085	NFR	WGACCN	16111	07-02-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	173013				173028			
	ii. Frame No.	UBLS-5436				UBLS-5411			
	iii. Axle No.	M-8455		8760		4866		8529	
	iv. Wheel Diameter	916.00	916.50	916.00	916.50	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	20118/215	20115/324	19871/334	19598/241	19948/332	20049/342	22038/359	20089/362
	vi. R.B. Nos.	J0074	J0057	J0072	J0080	K0058	K0059	L0206	L0194
	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-E10047,E10042			PEW-E0025,E0028	
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-1639,1694			GABRIEL-1793,1538	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

WGACCN-6085



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 2

ROLLING STOCK CERTIFICATE

Form No. :

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1.	SHELL No:	6087	DISPATCH DATE:			06.03.2017	
2.	RAILWAY	NFR	Type:	WGACCN	Coach No.:	16113	
3.	Booked to	SSE/C&W/GHY					
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	1104/1100	1104/1102			
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/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		VIBGYOR	85/86			
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	
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):					



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		6087	NFR		WGACCN		16113		14-02-2017		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	173033				173034				
	ii.	Frame No.	ECBT-02				ECBT-04				
	iii.	Axle No.	8584		7878		8316		8916		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.50	917.00	917.50	917.00	
	v.	Wheel Disc No.	21488/222	20060/342	19538/206	19584/389	16500/394	20114/231	20064/277	19664/297	
	vi.	R.B. Nos.	K0440	K0455	K0074	K0071	L0208	L0347	L0196	L0328	
	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-0152,0042		PEW-0016,0017			
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-1956,1952		GABRIEL-1558,1620			
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

WGACCN-6087



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 2

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6088	DISPATCH DATE:			01.03.2017
2.	RAILWAY	NFR	Type:	WGACCN	Coach No.:	16112
3.	Booked to	SSE/C&W/GHY				
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	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/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		VIBGYOR	85/86		
8.2	APPLICATION OF PCN-123					
8.3	INSUALTION					
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT, MANOJ		
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):				



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		6088		NFR		WGACCN		16112		17-02-2017	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	173019				173035				
	ii.	Frame No.	UBLS-5418				ECBT-08				
	iii.	Axle No.	S-8837		8039		8979		8034		
	iv.	Wheel Diameter	916.00	916.00	917.00	917.00	917.50	917.00	918.00	918.00	
	v.	Wheel Disc No.	20133/311	20032/379	19711/220	20043/340	20096/240	20091/245	18303/329	18341/338	
	vi.	R.B. Nos.	J0054	J0008	K0154	K0151	K0266	K0265	H3003	L0173	
	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-K8871,K8866			PEW-0180,10035		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-1591,1657			GABRIEL-2122,1859		
11.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				