



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6046	DISPATCH DATE:			13.7.2016
2.	RAILWAY	NCR	Type:	WGSCN	Coach No.:	16201
3.	Booked to	SSE/C&W/ CNB				
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/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		APEX	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:				Make	
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			SAVITRY		
iii.	WATER TANKS			AMIT ENGR,		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi	UIC VESTIBULE			KRP		
vii	WINDOWS			AGF, ABC		
viii	LAV. DOORS			TWPL		
ix)	LP SHEET			PL		
x)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		6046	NCR		WGSCN		16201		06-06-2016	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	160624				160623				
	ii. Frame No.	ASR-326				ASR-344				
	iii. Axle No.	6844		123955/358		1523		01545		
	iv. Wheel Diameter	918.00	918.00	917.00	917.00	914.00	914.00	916.50	917.00	
	v. Wheel Disc No.	18298/285	18779/277	18038/334	18177/204	18331/328	16550/316	18173/241	18073/242	
	vi. R.B. Nos.	X0249	X0068	X0381	X0063	X0691	X0676	X0693	X0766	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	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-2638,2629		AJT-2483,2622			
	ii.	SECONDARY Shock Absorber Make &NO.			IAI-147705,147417		IAI-147568,147535			
11.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			LESS WHEEL DIA					

WGSCN 6046



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6047	DISPATCH DATE:			13.7.2016
2.	RAILWAY	NCR	Type:	WGSCN	Coach No.:	16203
3.	Booked to	SSE/C&W/ CNB				
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)			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:				Make	
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			SAVITRY		
iii.	WATER TANKS			RUBICON,RAIL FAB		
iv.	PVC			PREMIERFILM		
v.	FLOOR BOARD			TAYAL		
vi	UIC VESTIBULE			KRP		
vii	WINDOWS			AGF, ABC		
viii	LAV. DOORS			TWPL		
ix)	LP SHEET			--		
x)	BIO- TOILET			MOHAN RAIL		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date
		6047	NCR		WGSCN		16203		08-06-2016
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	160638				160639			
	ii. Frame No.	ASR-271				UBLS-2073			
	iii. Axle No.	Y-7074		J-3064		Y-8637		K-7039	
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	915.50	915.00	917.00	917.00
	v. Wheel Disc No.	13517/ 15411	13544/ 15411	10359/ 14527	10464/ 14549	04285/ 13078	10380/ 14527	10728/ 14680	10533/14 549
	vi. R.B. Nos.	X0097	Z1254	X0277	X0517	X0541	X0527	X0726	X0699
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	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-2595,2514		AJT-2664,2538		
	ii.	SECONDARY Shock Absorber Make &NO.			IAI-147718,147687		IAI-147494,147495		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

WGSCN 6047



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6045	DISPATCH DATE:			11.7.2016	
2.	RAILWAY	NCR	Type:	WGSCN	Coach No.:	16202	
3.	Booked to	SSE/C&W/ CNB					
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		1104/1103	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	PU PAINT		GS	86/87		
8.2	APPLICATION OF PCN-123			SATISFACTORY			
8.3	INSUALTION			SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORT			
ii.	SEAT & BERTH			SAVITRY			
iii.	WATER TANKS			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi	UIC VESTIBULE			KRP			
vii	WINDOWS			AGF, MECIDON			
viii	LAV. DOORS			TWPL			
ix)	LP SHEET			--			
x)	BIO- TOILET			OMAX			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		6045	NCR	WGSCN	16202	10-06-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	160660				160655			
	ii. Frame No.	RBO-2063				RBO-2050			
	iii. Axle No.	RWF-105467		M-7501		P-6193		V-9815	
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	916.00	916.50	917.00	917.00
	v. Wheel Disc No.	04193/13078	04240/13078	10279/14527	10371/14527	10715/14680	13816/15428	04713/13078	04235/13078
	vi. R.B. Nos.	W2697	W2726	W2755	W2673	W2714	W2692	W2729	W2717
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	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-E10967,E10867		PEW-E10964,E10947		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-1017,1523		IAI-144776,144656		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

WGSCN 6045