



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7026	DISPATCH DATE:			07.08.2017
2.	RAILWAY	SR	Type:	MWACCN	Coach No.:	M-10090/SR/15139
3.	Booked to	SSE/C&W/PTMS				
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		1100/1104	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/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:			Make		
i.	BRAKE EQUIPMENT			ESCORT		
ii.	SEAT & BERTH			SAVITRY ENGG.		
iii.	WATER TANKS			RAIL FAB (AUX) & AMIT& SHIVALIK(U/S)		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			NARBADA		
vi.	UIC VESTIBULE			KRP		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			RAIL TECH+OMAX AUTO		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		

BOGIE NO. -173145/173155



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173145155

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	173145			173155	
ii.	Frame No.	CRG-165			CRG-169	
iii.	Axle No.	9663	6114	1556	5613	
iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00
v.	Wheel Disc No.	19545-205	19562-389	18644-386	19578-312	19588-343
vi.	RB Nos	E1858	H0962	E1844	E1853	E1980
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	AJTECH-1687,1621			PEW-13010,13040	
ii.	Secondary shock Absorber Make & NO.	GABRIEL-9255,9269			GABRIEL-9103,9100	
11.4	i.	Modification/Trail (if any):		NIL		
	ii.	Deviations (if any):		NIL		



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 2

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7027	DISPATCH DATE:			07/08/2017	
2.	RAILWAY	SR	Type:	MWACCN	Coach No.:	M-10085/SR/15134	
3.	Booked to	SSE/C&W/PTMS					
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		1100/1104	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/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:			Make			
i.	BRAKE EQUIPMENT			ESCORT			
ii.	SEAT & BERTH			SAVITRY ENGG.			
iii.	WATER TANKS			SHIVALIK (AUX) & AMIT& SHIVALIK(U/S)			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			OMAX AUTO			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		

BOGIE NO. -173142/173107



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173107142

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	173107			173142				
ii.	Frame No.	UBLS-5467			CRG-155				
iii.	Axle No.	J-1197	U-8589		5716	H-0188			
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	917.50	917.00	917.50	918.00
v.	Wheel Disc No.	19598-285	18411-217	19993-310	21434-234	18346-230	18416-234	12097-274	18311-251
vi.	RB Nos	J1452	J1405	L0019	L0015	E2825	E2222	E1936	E1920
vii.	RB Make	NBC		NBC		NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3	Items traceability:								
i.	Break Cylinder Make & No.	AJTECH-1948,1946			PEW-K13078,K12914				
ii.	Secondary shock Absorber Make & NO.	GABRIEL-9117,9118			GABRIEL-8959,9067				
11.4	i.	Modification/Trail (if any):	NIL						
	ii.	Deviations (if any):	NIL						



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7029	DISPATCH DATE:			07.08.2017	
2.	RAILWAY	SR	Type:	MWACCN	Coach No.:	M-10088/SR/15137	
3.	Booked to	SSE/C&W/PTMS					
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		1104/1100	1104/1100		
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/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 DETAILS:						
			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 ENGG.			
iii.	WATER TANKS			SHIVALIK (AUX) & AMITU/S)			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			OMAX AUTO			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			

BOGIE NO. -173133/173163



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173133163

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	173133				173163			
ii.	Frame No.	ECBT-69				UBLS-5463			
iii.	Axle No.	526	9770		K-8589		8817		
iv.	Wheel Diameter	918.00	918.00	918.00	918.00	917.00	917.00	917.00	917.00
v.	Wheel Disc No.	19598-230	19589-322	19595-398	19565-313	18334-217	18388-271	10378-207	18256-281
vi.	RB Nos	H0504	H0499	L0005	L0095	H0558	H0578	J1765	J1756
vii.	RB Make	NBC		NBC		NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3	Items traceability:								
i.	Break Cylinder Make & No.	AJTECH-1611,1693			AJTECH-1892,1912				
ii.	Secondary shock Absorber Make & NO.	GABRIEL-8957,9200			GABRIEL-9219,8760				
11.4	i.	Modification/Trail (if any):		NIL					
	ii.	Deviations (if any):		NIL					



ROLLING STOCK CERTIFICATE

1.	SHELL No:	7030	DISPATCH DATE:			07.08.2017
2.	RAILWAY	SR	Type:	MWACCN	Coach No.:	M-10089/SR/15138
3.	Booked to	SSE/C&W/PTMS				
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	1104/1100	1104/1100	
	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		OVPL		
	iii.	WATER TANKS		RAIL FAB (AUX) & AMITAND SHIVALIK(U/S)		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		NARBADA		
	vi.	UIC VESTIBULE		KRP		
	vii.	LAV. DOORS		GANDHI		
	viii.	LP SHEET		PUNJAB LAMINATE		
	ix)	BIO- TOILET		OMAX AUTO		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173120141

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	173120			173141	
ii.	Frame No.	ECBT-19			CRG-164	
iii.	Axle No.	423	9300	560	S-8716	
iv.	Wheel Diameter	918.00	918.00	917.50	917.00	917.00
v.	Wheel Disc No.	19555-322	19541-334	19607-319	18406-231	19586-214
vi.	RB Nos	E1925	E1900	E2231	E2457	J1660
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	AJTECH-1760,1734			AJTECH-1641,1623	
ii.	Secondary shock Absorber Make & NO.	KNORR-17615,18975			KNORR-17700,17716	
11.4	i. Modification/Trail (if any):					
	ii. Deviations (if any):					



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7021	DISPATCH DATE:			07.08.2017	
2.	RAILWAY	SR	Type:	MWACCN	Coach No.:	M-M-10084/SR/15133	
3.	Booked to	SSE/C&W/PTMS					
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		1100/1104	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/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:			Make			
i.	BRAKE EQUIPMENT			ESCORT			
ii.	SEAT & BERTH			SAVITRY ENGG.			
iii.	WATER TANKS			SHIVALIK (AUX) & AMIT(U/S)			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			RAIL TECH+OMAX AUTO LTD.			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			

BOGIE NO. -173118/173117



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173117118

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
				WGACCN		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	173117			173118	
ii.	Frame No.	ECBT-16			ECBT-14	
iii.	Axle No.	S-8096	8045	199	9013	
iv.	Wheel Diameter	917.00	917.00	917.00	917.00	918.00 918.00 917.00 917.00
v.	Wheel Disc No.	18225-217	18401-287	19616-248	20000-223	19603-205 19585-313 20155-335 19780-340
vi.	RB Nos	H0556	J0555	J1250	J1249	J1695 J1705 J1245 J1267
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	AJTECH-1723,1688			AJTECH-180,175	
ii.	Secondary shock Absorber Make & NO.	KNORR-19157,18933			KNORR-19155,19104	
11.4	i.	Modification/Trail (if any):		NIL		
	ii.	Deviations (if any):		NIL		



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7028	DISPATCH DATE:			07/08/2017
2.	RAILWAY	SR	Type:	MWACCN	Coach No.:	M-10086/SR/15135
3.	Booked to	SSE/C&W/PTMS				
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	1100/1098	1094/1100	
	viii)	Buffer/CBC (Make)		HEPL,JLS		
	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	85/86	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
	i.	BRAKE EQUIPMENT		ESCORT		
	ii.	SEAT & BERTH		OVPL		
	iii.	WATER TANKS		SHIVALIK (AUX) & AMIT(U/S)		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		NARBADA		
	vi.	UIC VESTIBULE		KRP		
	vii.	LAV. DOORS		GANDHI		
	viii.	LP SHEET		PUNJAB LAMINATE		
	ix)	BIO- TOILET		OMAX AUTO LTD.		
10	10.1	Modification/ Trial (if any):		NIL		
.	10.2	Deviations (if any):		NIL		

BOGIE NO. 173114/173111



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173111114

11. Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
11.1 BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2 Wheel & Axle Details:					
i. Bogie No.	173111			173114	
ii. Frame No.	ECBT-06			ECBT-43	
iii. Axle No.	9292	5765	9346	2711	
iv. Wheel Diameter	917.00	917.00	917.00	917.00	918.00
v. Wheel Disc No.	18329-297	19562-287	18416-390	18407-269	18383-334
vi. RB Nos	H0548	H0547	E2230	E2241	J1265
vii. RB Make	NBC		NBC		NBC
viii. RB Type	Direct Mounted Spherical Roller Bearing				
11.3 Items traceability:					
i. Break Cylinder Make & No.	AJTECH-1689,1672			AJTECH-1708,1755	
ii. Secondary shock Absorber Make & NO.	GABRIEL-2085,9226			GABRIEL-8958,9221	
11.4 i. Modification/Trail (if any):	NIL				
ii. Deviations (if any):	NIL				



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	7025	DISPATCH DATE:			07.08.2017
2.	RAILWAY	SR	Type:	MWACCN	Coach No.:	M-10087/SR/15136
3.	Booked to	SSE/C&W/PTMS				
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)	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			OVPL	
	iii.	WATER TANKS			RAIL FAB(AUX) & AMIT(U/S)	
	iv.	PVC			RESPONSIVE	
	v.	FLOOR BOARD			OWPL/NARBADA	
	vi.	UIC VESTIBULE			KRP	
	vii.	LAV. DOORS			GANDHI	
	viii.	LP SHEET			PUNJAB LAMINATE	
	ix)	BIO- TOILET			RAIL TECH+OMAX AUTO LTD.	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 173102122

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
				WGACCN					
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"								
11.2	Wheel & Axle Details:								
i.	Bogie No.	173102			173122				
ii.	Frame No.	UBLS-5437			ECBT-59				
iii.	Axle No.	9630	460	4879	1505				
iv.	Wheel Diameter	917.00	917.00	917.50	917.00	917.50	917.00	918.00	918.00
v.	Wheel Disc No.	19579-388	19587-389	19574-387	19562-333	10728-297	18407-285	10961-328	19562-230
vi.	RB Nos	J1651	J1652	E2224	E2226	E2229	E2216	E1927	E1899
vii.	RB Make	NBC		NBC		NBC		NBC	
viii.	RB Type	Direct Mounted Spherical Roller Bearing							
11.3	Items traceability:								
i.	Break Cylinder Make & No.	AJTECH-1960,1930			PEW-K12825,K12893				
ii.	Secondary shock Absorber Make & NO.	GABRIEL-9201,9120			GABRIEL-9121,9115				
11.4	i.	Modification/Trail (if any):		NIL					
	ii.	Deviations (if any):		NIL					

