



ROLLING STOCK CERTIFICATE

Form No. : **QMF4254; Version: 05**

1.	SHELL No:	4015	DISPATCH DATE:			31.7.2014
2.	Rly:	SR	Type:	MEMU/TC2	Coach No.:	13356
3.	Booked to	SSE/C&W/DNR				
4.	Tare Weight of Coach :	33.15 T				
5.	Carrying Capacity :	Seating:	80	Standing	272	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		NA	NA
	vii)	Make :			NA	
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1035/1035	
	x)	Shaku Coupler Make:			ESCORTS	
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	VIBGYOR	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	ADVANCE	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			MOHAN	
	lii	PVC			RESPONSIVE	
	Iv	FLOOR BOARD			TAYAL	
	V	UIC VESTIBULE			KRP	
	Vi	LP SHEETS			PUNJAB LAMINATES	
	Vii	BODY SIDE WINDOW			GI	
	Viii	EMERGENCY WINDOW			GI	
	Xi	DOOR WINDOW			AGF	
	X	WATER TANK			RUBICON	
	Xi	LAV WINDOW			MECIDON	
	xii	LAV DOOR			SAVITRI	
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				
		4015	SR	MEMU-TC	13356	08-07-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	145086				145083			
	ii.	Frame No.	ASR-89				ASR-75			
	iii.	Axle No.	U-9742		1117		W-2666		U-4019	
	iv.	Wheel Diameter	953.00	952.50	954.00	954.00	955.00	955.00	953.00	953.00
	v.	Wheel Disc No.	04006/ 939	04024/ 958	04102/ 951	03924/ 929	04192/ 950	02213/ 931	02248/ 949	04026/94 1
	vi.	R.B. Nos.	X-1736	X-1696	X-1386	X-1393	X-1844	X-1876	X-1843	X-1880
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				ESCORTS				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



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Form No. : QMF4254; Version: 05

1.	SHELL No:	4017	DISPATCH DATE:		22.8.2014
2.	Rly:	SR	Type:	MEMU/TC2	Coach No.: 13360
3.	Booked to	SSE/C&W/CHENNAI			
4.	Tare Weight of Coach :	33.15 T			
5.	Carrying Capacity :	Seating:	80	Standing	272
		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	NA	NA
vii)	Make :	NA			
ix)	Shaku Coupler Height	Specified :	1035 +0 /-5 mm	1035/1035	
x)	Shaku Coupler Make:	ESCORTS			
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	VIBGYOR	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT	ADVANCE	86/87	
8.2	APPLICATION OF PCN-123		SATISFACTORY		
8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:				Make
i.	BRAKE EQUIPMENT				ESCORTS
ii.	SEAT & BERTH				MOHAN RAIL
iii.	PVC				RESPONSIVE
iv.	FLOOR BOARD				ORIENTAL
v.	UIC VESTIBULE				KRP
vi.	LP SHEETS				NA
vii.	BODY SIDE WINDOW				GI
viii.	EMERGENCY WINDOW				GI
xi.	DOOR WINDOW				AGF
x.	WATER TANK				RUBICON
xi.	LAV WINDOW				MECIDON
xii.	LAV DOOR				SAVITRI
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	
		4017	SR		MEMU-TC		13360		08-07-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	145080				145081			
	ii.	Frame No.	ASR-71				ASR-81			
	iii.	Axle No.	5922		6219		5747		8235	
	iv.	Wheel Diameter	952.00	952.00	952.00	952.00	954.00	954.00	952.00	952.00
	v.	Wheel Disc No.	02530/ 945	04023/ 962	04230/ 951	03897/ 944	04209/ 0150	02245/ 259	04115/ 950	02439/96 1
	vi.	R.B. Nos.	Y-186	Y-728	Y-644	Y-1399	Y-998	Y-996	Y-621	Y-719
	vii.	R.B. Make	FAG		FAG		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

MEMU/TC2—4017



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Form No. : **QMF4254; Version: 05**

1.	SHELL No:	4012	DISPATCH DATE:			26.7.2014
2.	Rly:	SR	Type:	MEMU/TC2	Coach No.:	13359
3.	Booked to	SSE/C&W/CHENNAI				
4.	Tare Weight of Coach :	33.15 T				
5.	Carrying Capacity :	Seating:	80	Standing	272	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		NA	NA
	vii)	Make :			NA	
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1035/1035	
	x)	Shaku Coupler Make:			ESCORTS	
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	ADVANCE	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			MOHAN	
	lii	PVC			RESPONSIVE	
	Iv	FLOOR BOARD			OVPL	
	V	UIC VESTIBULE			KRP	
	Vi	LP SHEETS			PUNJAB LAMINATES	
	Vii	BODY SIDE WINDOW			GI	
	Viii	EMERGENCY WINDOW			ABC	
	Xi	DOOR WINDOW			AGF	
	X	WATER TANK			RUBICON	
	Xi	LAV WINDOW			MOHAN	
	xii	LAV DOOR			SAVITRI	
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
		4012	SR		MEMU-TC		13359		07-07-2014
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	145079				145082			
	ii. Frame No.	ASR-73				ASR-78			
	iii. Axle No.	1745		0383		9908		1076	
	iv. Wheel Diameter	955.00	955.00	955.00	955.00	953.00	953.00	954.00	954.00
	v. Wheel Disc No.	04214/ 951	04007/ 959	04027/ 936	04067/ 944	04032/ 951	04003/ 933	03966/ 961	04202/94 9
	vi. R.B. Nos.	X-1413	X-1374	X-948	X-1448	X-1460	X-1397	X-1943	X-1485
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

MEMU/TC2—4012



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Form No. : QMF4254; Version: 05

1.	SHELL No:	4010	DISPATCH DATE:			26.7.2014
2.	Rly:	SR	Type:	MEMU/TC2	Coach No.:	13357
3.	Booked to	SSE/C&W/CHENNAI				
4.	Tare Weight of Coach :	33.15 T				
5.	Carrying Capacity :	Seating:	80	Standing	272	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		NA	NA
	vii)	Make :			NA	
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1035/1035	
	x)	Shaku Coupler Make:			ESCORTS	
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	ADVANCE	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			AAR KAY	
	iii	PVC			RESPONSIVE	
	Iv	FLOOR BOARD			TAYAL	
	V	UIC VESTIBULE			KRP	
	Vi	LP SHEETS			PUNJAB LAMINATES	
	Vii	BODY SIDE WINDOW			ABC	
	Viii	EMERGENCY WINDOW			GI	
	Xi	DOOR WINDOW			AGF	
	X	WATER TANK			RUBICON	
	Xi	LAV WINDOW			MOHAN	
	xii	LAV DOOR			SAVITRI	
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			
		4010	SR	MEMU-TC	13357	08-07-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	145085				145087			
	ii. Frame No.	ASR-85				ASR-79			
	iii. Axle No.	5999		8459		5920		T-0145	
	iv. Wheel Diameter	953.00	953.00	953.00	953.00	955.00	955.00	952.00	952.00
	v. Wheel Disc No.	04275/ 960	04062/ 950	03909/ 961	04023/ 944	04037/ 928	04069/ 945	02378/ 957	02530/95 1
	vi. R.B. Nos.	Y-995	Y-984	X-1244	X-1206	X-2099	X-1088	Y-948	X-1664
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

MEMU/TC2—4010



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Form No. : QMF4254; Version: 05

1.	SHELL No:	4014	DISPATCH DATE:		24.7.2014
2.	Rly:	SR	Type:	MEMU/TC2	Coach No.: 13358
3.	Booked to	SSE/C&W/ Awadi			
4.	Tare Weight of Coach :	33.15 T			
5.	Carrying Capacity :	Seating:	80	Standing	272 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	NA	NA	
vii)	Make :		NA		
ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm	1032/1035		
x)	Shaku Coupler Make:		ESCORTS		
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	VIBGYOR	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT	ADVANCE	86&87	
8.2	APPLICATION OF PCN-123		SATISFACTORY		
8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:		Make		
i.	BRAKE EQUIPMENT		ESCORTS		
ii.	SEAT & BERTH		MOHAN RAIL		
lii	PVC		RESPONSIVE		
Iv	FLOOR BOARD		TAYAL		
V	UIC VESTIBULE		KRP		
Vi	LP SHEETS		PUNJAB LAMINATES		
Vii	BODY SIDE WINDOW		GI		
Viii	EMERGENCY WINDOW		GI, ABC		
Xi	DOOR WINDOW		AGF		
X	WATER TANK		RUBICON		
Xi	LAV WINDOW		MECIDON		
xii	LAV DOOR		SAVITRI		
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	
		4014	SR		MEMU-TC		13358		15-07-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	145096				145097			
	ii.	Frame No.	ASR-50				ASR-91			
	iii.	Axle No.	0758		1249		5488		6407	
	iv.	Wheel Diameter	953.00	953.00	954.00	954.00	953.00	953.00	952.50	953.00
	v.	Wheel Disc No.	02144/ 914	03753/ 929	04097/ 945	02500/ 963	04176/ 950	02222/ 927	03891/ 951	04037/93 9
	vi.	R.B. Nos.	X-1739	X-1540	B-0682	B-0679	Y-626	Y-1031	Y-991	Y-1023
	vii.	R.B. Make	FAG		NBC		FAG		FAG	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				ESCORTS ,GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

MEMU/TC2—4014



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Form No. : QMF4254; Version: 05

1.	SHELL No:	4013	DISPATCH DATE:			31.7.2014
2.	Rly:	SR	Type:	MEMU/TC2	Coach No.:	13355
3.	Booked to	SSE/C&W/CHENNAI				
4.	Tare Weight of Coach :	33.15 T				
5.	Carrying Capacity :	Seating:	80	Standing	272	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		NA	NA
	vii)	Make :	NA			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1035/1035	
	x)	Shaku Coupler Make:	ESCORTS			
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	ADVANCE	86/87	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:				Make	
	i.	BRAKE EQUIPMENT			ESCORTS	
	ii.	SEAT & BERTH			MOHAN	
	iii	PVC			RESPONSIVE	
	iv	FLOOR BOARD			TAYAL	
	v	UIC VESTIBULE			KRP	
	vi	LP SHEETS			PUNJAB LAMINATES	
	Vii	BODY SIDE WINDOW			GI	
	Viii	EMERGENCY WINDOW			GI	
	Xi	DOOR WINDOW			AGF	
	X	WATER TANK			RUBICON	
	Xi	LAV WINDOW			MECIDON	
	xii	LAV DOOR			SAVITRI	
10.	10.1	Modification/ Trial (if any):				NIL
	10.2	Deviations (if any):				NIL



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date
		4013	SR		MEMU-TC		13355		09-07-2014
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	145084				145089			
	ii. Frame No.	ASR-80				ASR-67			
	iii. Axle No.	9896		1068		5632		RWF-108136	
	iv. Wheel Diameter	953.00	953.00	955.00	955.00	955.00	955.00	953.00	953.00
	v. Wheel Disc No.	04168/ 931	03999/ 962	02446/ 927	04252/ 942	04210/ 945	03886/ 949	04040/ 941	04087/93 9
	vi. R.B. Nos.	X-1891	X-1036	B-0709	B-0677	B-0687	B-0715	X-1914	X-1893
	vii. R.B. Make	FAG		NBC		NBC		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:								
	i.	BRAKE CYLINDER (Make)				AJT			
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			