



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4018	DISPATCH DATE:			03.01.2015
2.	RAILWAY	NFR	Type:	WGSCN	Coach No.:	14297
3.	Booked to	SSE/C&W/GHY				
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)	JLS				
ix)	Draw Gear (Make)	EMSON				
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	VIBGYOR	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT			Make ESCORT		
ii.	SEAT & BERTH			SUKATA		
iii.	WATER TANKS			RAIL FAB, RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			ABC, MECIDON		
viii.	LAV. DOORS			JR		
ix)	LP SHEET			NA		
x)	BIO- TOILET			RAIL FAB		
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				
		4018	NF	SCN	14297	26-11-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141502				141506			
	ii.	Frame No.	ASR-652				ASR-698			
	iii.	Axle No.	A-4927		9590		M-8053		RWF-91079	
	iv.	Wheel Diameter	917.00	917.00	915.00	915.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	08803/ 279	08162/ 295	07230/ 383	08080/ 209	03910/ 247	08842/ 251	08841/ 239	08841/20 8
	vi.	R.B. Nos.	U-1251	U-1242	U-1232	U-1518	U-1193	S-186	U-1201	S-276
	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)				PEW,AJT				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	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:	4019	DISPATCH DATE:			10.01.2015
2.	RAILWAY	NFR	Type:	WGSCN	Coach No.:	14298
3.	Booked to	SSE/C&W/GHY				
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)	REPL			
	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	PU PAINT	VIBGYOR	85/86	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	SUKATA			
	iii.	WATER TANKS	RAIL FAB, RUBICONE			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	ORIENTAL			
	vi	UIC VESTIBULE	KRP			
	vii	WINDOWS	ABC, MECIDON			
	viii	LAV. DOORS	JR			
	ix)	LP SHEET	MILTON			
	x)	BIO- TOILET	RAIL FAB			
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				
		4019	NFR	SCN	14198	28-11-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141515				141514			
	ii.	Frame No.	ASR-425				ASR-536			
	iii.	Axle No.	740		P-1977		13		Y-1829	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	916.50	917.00	917.00	916.50
	v.	Wheel Disc No.	06937/ 280	06937/ 236	08807/ 380	08806/ 294	08085/ 224	08063/ 259	05598/ 294	07213/27 5
	vi.	R.B. Nos.	S-209	V-1765	S-56	V-1746	V-1656	V-1741	V-1751	V-1760
	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)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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QMF4254;
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1.	SHELL No:	4020	DISPATCH DATE:			15.01.2015
2.	RAILWAY	NFR	Type:	WGSCN	Coach No.:	14299
3.	Booked to	SSE/C&W/GHY				
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)			JLS		
ix)	Draw Gear (Make)			EMSON, CFPL		
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		APC	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			SUKATA		
iii.	WATER TANKS			RAIL FAB, RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			ORIENTAL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			AGF,ABC, MECIDON		
viii.	LAV. DOORS			JR		
ix)	LP SHEET			PUNJAB LAMINATE		
x)	BIO- TOILET			RAIL FAB		
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					
		4020	NFR	SCN	14299	27-11-2014					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	141504					141508			
	ii.	Frame No.	ASR-405					ASR-675			
	iii.	Axle No.	N-4667		RWF-92043		9583		Y-7220		
	iv.	Wheel Diameter	916.00	916.00	918.00	918.00	916.00	916.00	916.00	916.00	
	v.	Wheel Disc No.	08806/ 286	08807/ 371	06931/ 248	08831/ 228	07100/ 286	08097/ 255	08842/ 257	08841/20 8	
	vi.	R.B. Nos.	S-262	S-438	U-1264	U-1219	U-1233	U-1243	U-1112	U-1230	
	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)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL				
12.4	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:	4023	DISPATCH DATE:			17.01.2015
2.	RAILWAY	NFR	Type:	WGSCN	Coach No.:	14302
3.	Booked to	SSE/C&W/GHY				
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)	JLS			
	ix)	Draw Gear (Make)	EMSON			
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	VIBGYOR	85/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	SUKATA			
	iii.	WATER TANKS	RAIL FAB, RUBICONE			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	ORIENTAL			
	vi.	UIC VESTIBULE	KRP			
	vii.	WINDOWS	AGF,ABC, MECIDON			
	viii.	LAV. DOORS	JR			
	ix)	LP SHEET	NK			
	x)	BIO- TOILET	RAIL FAB			
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				
		4023	NFR	WGSCN	14302	1-12-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141529				141527			
	ii.	Frame No.	ASR-690				ASR-534			
	iii.	Axle No.	847		A-4521		RWF-92337		RWF-105444	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	07082/284	08102/275	07132/264	05841/287	06933/253	06968/299	07383/282	07638/205
	vi.	R.B. Nos.	S-381	T-1727	T-2778	S-306	S-302	V-1110	S-329	S-323
	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)				KNORR BREMSE				
12.4	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:	4028	DISPATCH DATE:			24.01.2015
2.	RAILWAY	NFR	Type:	WGSCN	Coach No.:	14300
3.	Booked to	SSE/C&W/GHY				
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)	REPL			
	ix)	Draw Gear (Make)	CFPL			
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	VIBGYOR	85/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	SUKATA			
	iii.	WATER TANKS	AMIT			
	iv.	PVC	PREMIER POLYFILM			
	v.	FLOOR BOARD	TAYAL			
	vi.	UIC VESTIBULE	KRP			
	vii.	WINDOWS	AGF,ABC, MECIDON			
	viii.	LAV. DOORS	SAVITRI			
	ix)	LP SHEET	LP			
	x)	BIO- TOILET	JSL			
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	
		4028	NFR		WGSCN		14300		26-11-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141507				141503			
	ii.	Frame No.	ASR-653				ASR-407			
	iii.	Axle No.	9874		9448		T-0077		P-3456	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	09066/ 219	09008/ 256	08074/ 286	09069/ 251	06977/ 225	08069/ 280	08192/ 201	08792/29 0
	vi.	R.B. Nos.	S-205	U-1113	S-213	U-1268	S-285	T-3069	S-211	S-279
	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)				PEW				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

SCN-4028



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Form No. :

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Version: 05

1.	SHELL No:	4030	DISPATCH DATE:			24.01.2015
2.	RAILWAY	NFR	Type:	WGSCN	Coach No.:	14301
3.	Booked to	SSE/C&W/GHY				
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)			JLS		
ix)	Draw Gear (Make)			CFPL		
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		VIBGYOR	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			SUKATA		
iii.	WATER TANKS			RAIL FAB, RUBICONE		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			TAYAL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			AGF,ABC, MECIDON		
viii.	LAV. DOORS			SAVITRI		
ix)	LP SHEET			LP		
x)	BIO- TOILET			M KPRECISION		
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	
		4030	NFR		WGSCN		14301		24-11-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141486				141495			
	ii.	Frame No.	ASR-641				ASR-632			
	iii.	Axle No.	9589		9837		9737		50	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	96849/ 261	96964/ 331	08065/ 218	06940/ 374	08070/ 280	07295/ 270	08943/ 255	08941/28 6
	vi.	R.B. Nos.	R-227	R-142	U-1273	R-241	U-1281	U-1209	U-1172	U-1229
	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)				PEW				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 0

1.	SHELL No:	4025	DISPATCH DATE:			22.01.2015
2.	RAILWAY	NFR	Type:	WGSCN	Coach No.:	14303
3.	Booked to	SSE/C&W/GHY				
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	1104/1104	
viii)	Buffer/CBC (Make)			JLS		
ix)	Draw Gear (Make)			EMSON		
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		VIBGYOR	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			SUKATA		
iii.	WATER TANKS			RAIL FAB, RUBICONE		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			ORIENTAL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			AGF,ABC, MECIDON		
viii.	LAV. DOORS			JR		
ix)	LP SHEET			NK		
x)	BIO- TOILET			DASHAN		
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	
		4025	NFR		WGSCN		14303		24-11-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141497				141498			
	ii.	Frame No.	ASR-493				ASR-547			
	iii.	Axle No.	P-1979		56		RWF-92577		54	
	iv.	Wheel Diameter	917.00	916.50	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	08071/ 266	08978/ 376	05966/ 371	07135/ 241	06936/ 250	06933/ 278	08095/ 255	06967/29 1
	vi.	R.B. Nos.	U-1271	R-231	U-1269	U-1130	U-1237	U-1212	U-1133	U-1144
	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)				PEW				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	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:	4027	DISPATCH DATE:			23.01.2015
2.	RAILWAY	NFR	Type:	WGSCN	Coach No.:	14304
3.	Booked to	SSE/C&W/GHY				
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		1104/1102	1104/1104	
viii)	Buffer/CBC (Make)			REPL		
ix)	Draw Gear (Make)			EMSON		
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		VIBGYOR	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			SUKATA		
iii.	WATER TANKS			RAIL FAB, RUBICONE		
iv.	PVC			PREMIER POLYFILM		
v.	FLOOR BOARD			ORIENTAL		
vi.	UIC VESTIBULE			KRP		
vii.	WINDOWS			AGF,ABC, MECIDON		
viii.	LAV. DOORS			JR		
ix)	LP SHEET			LP		
x)	BIO- TOILET			DARSHAN		
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
		4027	NFR		WGSCN		14304		28-11-2014
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	141517				141516			
	ii. Frame No.	ASR-698				ASR-679			
	iii. Axle No.	W-2992		W-0013		Y-8001		A-5376	
	iv. Wheel Diameter	917.00	916.50	916.50	917.00	917.00	917.00	916.50	917.00
	v. Wheel Disc No.	08835/ 226	08772/ 271	09116/ 248	08765/ 239	08757/ 228	08807/ 300	08807/ 202	08102/26 0
	vi. R.B. Nos.	V-1785	V-1770	V-1541	V-1313	V-1320	V-1558	V-1564	V-1312
	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)				KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

SCN-4027