



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4488	DISPATCH DATE:			02.01.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:	14534
3.	Booked to	SSE/C&W/MUV				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	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		200 mm			
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/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	85/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT			Make ESCORT		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF,ABC, MECIDON		
vii.	LAV. DOORS			JR		
viii.	LP SHEET			MILTON		
ix)	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	
		4488		NE		GS		14534		06-12-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	141549				141553				
	ii.	Frame No.	UBLS-1198				ASR-688				
	iii.	Axle No.	S-7573		N-4589		5248		P-1975		
	iv.	Wheel Diameter	918.00	918.00	916.00	916.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	08084/ 381	07253/ 213	08777/ 297	08836/ 215	08892/ 266	08090/ 286	09031/ 276	08889/23 9	
	vi.	R.B. Nos.	U-2028	U-2005	S-523	S-520	T-2797	V1294	V1007	S748	
	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:	4484	DISPATCH DATE:			03.01.2015	
2.	RAILWAY	NER	Type:	GS	Coach No.:	14539	
3.	Booked to	SSE/C&W/MUV					
4.	Tare Weight of Coach :	36.99T					
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	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	200 mm				
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1103	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/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	85/85		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	Make ESCORT				
	ii.	SEAT & BERTH	OVPL				
	iii.	WATER TANKS	RAIL FAB, RUBICONE				
	iv.	PVC	RESPONSIVE				
	v.	FLOOR BOARD	TAYAL				
	vi.	WINDOWS	AGF,ABC, MECIDON				
	vii.	LAV. DOORS	JR				
	viii.	LP SHEET	NA				
	ix)	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	
		4484		NE		GS		14539		27-12-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	141646				141608				
	ii.	Frame No.	ASR-512				UBLS-1208				
	iii.	Axle No.	A-3866		A4271		A-4090		5209		
	iv.	Wheel Diameter	916.50	917.00	916.00	916.00	916.00	916.00	916.50	917.00	
	v.	Wheel Disc No.	97254/ 232	07256/ 387	08090/ 264	08997/ 273	08887/ 240	09022/ 387	07209/ 266	08080/24 9	
	vi.	R.B. Nos.	R270	R470	R427	R377	S384	V1871	V2224	V1815	
	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:	4491	DISPATCH DATE:		07.01.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:
3.	Booked to	SSE/C&W/MUV			
4.	Tare Weight of Coach :	36.99T			
5.	Carrying Capacity :	Seating: 90	Sleeping: NIL	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	200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1102		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/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	85/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY		
8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:				
i.	BRAKE EQUIPMENT	Make			ESCORT
ii.	SEAT & BERTH				OVPL
iii.	WATER TANKS				RAIL TECH, RUBICONE
iv.	PVC				RESPONSIVE
v.	FLOOR BOARD				TAYAL
vi.	WINDOWS				AGF,ABC, MECIDON
vii.	LAV. DOORS				JR
viii.	LP SHEET				NA
ix)	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	
		4491		NER		GS		14537		31-12-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	141659				141653				
	ii.	Frame No.	ASR-552				ASR-457				
	iii.	Axle No.	A-3921		A-5047		A-5145		3645		
	iv.	Wheel Diameter	916.00	916.50	917.00	917.00	917.00	917.00	917.00	916.50	
	v.	Wheel Disc No.	09027/ 278	03924/ 282	09036/ 247	09039/ 284	09044/ 384	09038/ 308	07254/ 387	07211/27 5	
	vi.	R.B. Nos.	R329	R365	S-04	S-154	V2498	V158	R539	R490	
	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)					K/B				
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:	4489	DISPATCH DATE:		07.01.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:
3.	Booked to	SSE/C&W/MUV			
4.	Tare Weight of Coach :	36.99T			
5.	Carrying Capacity :	Seating: 90	Sleeping: NIL	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	200 mm			
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/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	85/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY		
8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:				
i.	BRAKE EQUIPMENT	Make			ESCORT
ii.	SEAT & BERTH				OVPL
iii.	WATER TANKS				RAIL FAB, RUBICONE
iv.	PVC				RESPONSIVE
v.	FLOOR BOARD				TAYAL
vi.	WINDOWS				AGF,ABC, MECIDON
vii.	LAV. DOORS				JR
viii.	LP SHEET				NA
ix)	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			
		4489	NER	GS	14540	08-12-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	141535				141551			
	ii. Frame No.	ASR-680				ASR-682			
	iii. Axle No.	W-2624		A-5282		Y-7835		A-4693	
	iv. Wheel Diameter	915.00	915.00	916.00	916.00	916.00	916.00	916.00	916.00
	v. Wheel Disc No.	08085/217	07362/286	08014/295	09036/208	07222/276	08078/382	05653/297	08093/289
	vi. R.B. Nos.	S-515	T-3035	S-574	S-565	S558	S5524	V1309	S538
	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:	4492				DISPATCH DATE:	07.01.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:	14538	
3.	Booked to	SSE/C&W/MUV					
4.	Tare Weight of Coach :	36.99T					
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	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				200 mm		
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/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	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT		Make ESCORT				
ii.	SEAT & BERTH		MANOJ				
iii.	WATER TANKS		RAIL FAB				
iv.	PVC		PREMIER POLYFIL				
v.	FLOOR BOARD		TAYAL				
vi.	WINDOWS		ABC, MECIDON				
vii.	LAV. DOORS		JR				
viii.	LP SHEET		NA				
ix)	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					
		4492	GS	GS	14538	30-12-2014					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	141652				141651				
	ii.	Frame No.	ASR-474				ASR-589				
	iii.	Axle No.	2205		P-3455		A-5245		9799		
	iv.	Wheel Diameter	917.00	916.50	917.00	917.00	917.00	917.00	916.00	916.00	
	v.	Wheel Disc No.	07300/ 255	08854/ 217	09038/ 235	07357/ 252	08998/ 204	09119/ 267	09064/ 285	09007/25 4	
	vi.	R.B. Nos.	R-504	R-533	R-252	P-79	R-167	R-199	R-417	R-426	
	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)					K/B,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:	4493	DISPATCH DATE:			10.01.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:	14542
3.	Booked to	SSE/C&W/MUV				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	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		200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1103/1104	1102/1104	
viii)	Buffer/CBC (Make)		JLS, 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		MANOJ			
iii.	WATER TANKS		RAIL FAB			
iv.	PVC		PREMIER POLYFIL			
v.	FLOOR BOARD		TAYAL			
vi.	WINDOWS		ABC, MECIDON			
vii.	LAV. DOORS		JR			
viii.	LP SHEET		NK			
ix)	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				
		4493	NER	GS	14542	05-01-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150007				150008			
	ii.	Frame No.	ASR-615				ASR-427			
	iii.	Axle No.	987		5086		5372		A-4444	
	iv.	Wheel Diameter	917.00	917.00	916.00	916.00	917.00	916.50	916.50	916.00
	v.	Wheel Disc No.	08912/ 247	09094/ 240	09143/ 202	09154/ 297	09105/ 258	08867/ 226	09091/ 239	09149/28 4
	vi.	R.B. Nos.	V-1246	V-1261	V-1584	V-161	V-1531	V-1538	V-1233	V-1282
	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)				K/B , ESCORTS				
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:	4487	DISPATCH DATE:			08.01.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:	14541
3.	Booked to	SSE/C&W/MUV				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	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	200 mm			
	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/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	85/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	MANOJ			
	iii.	WATER TANKS	RAIL FAB, RUBICONE			
	iv.	PVC	PREMIER POLYFIL			
	v.	FLOOR BOARD	TAYAL			
	vi.	WINDOWS	AGF,ABC, MECIDON			
	vii.	LAV. DOORS	JR			
	viii.	LP SHEET	MILTON			
	ix)	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			
		4487	NE	GS	14541	02-01-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150004				150003			
	ii. Frame No.	ASR-1462				ASR-569			
	iii. Axle No.	0789		974		8117		A-5101	
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	916.00	916.00	917.00	917.00
	v. Wheel Disc No.	09142/269	09144/290	09078/266	09046/276	09139/290	09084/233	08866/379	09049/255
	vi. R.B. Nos.	V1540	V1522	V1533	V1520	R485	R529	R295	R225
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				PEW			
	ii.	SECONDARY Shock Absorber (Make)				ESCORT, K/B			
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:	4494	DISPATCH DATE:			13.01.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:	14543
3.	Booked to	SSE/C&W/MUV				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	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		200 mm			
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/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			CPF		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			ABC, AGF, MECIDON		
vii.	LAV. DOORS			JR		
viii.	LP SHEET			NK		
ix)	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	
		4494		NER		GS		14543		06-01-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150009				150012				
	ii.	Frame No.	ASR-1256				ASR-802				
	iii.	Axle No.	0602		T-0215		5098		4162		
	iv.	Wheel Diameter	916.50	917.00	918.00	918.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	09044/ 285	09139/ 260	08999/ 251	09101/ 369	09740/ 269	09151/ 254	08885/ 212	09136/20 4	
	vi.	R.B. Nos.	V1526	V1273	V1563	V1592	V1506	V1623	V1048	V1052	
	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)					ESCORT, K/B				
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:	4461	DISPATCH DATE:		15.01.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:
3.	Booked to	SSE/C&W/MUV			
4.	Tare Weight of Coach :	36.99T			
5.	Carrying Capacity :	Seating: 90	Sleeping: NIL	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	200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1103/1104	1102/1104	
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/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	85/85	
8.2	APPLICATION OF PCN-123	SATISFACTORY			
8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:				
i.	BRAKE EQUIPMENT	Make ESCORT			
ii.	SEAT & BERTH	OVPL			
iii.	WATER TANKS	RAIL FAB			
iv.	PVC	RESPONSIVE			
v.	FLOOR BOARD	TAYAL			
vi.	WINDOWS	AGF,ABC, MECIDON			
vii.	LAV. DOORS	JR			
viii.	LP SHEET	MILTON			
ix)	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	
		4461		NER		GS		14535		29-12-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	141649					141648			
	ii.	Frame No.	ASR-730					ASR-728			
	iii.	Axle No.	5093		RWF-92834		U-7091		A-6005		
	iv.	Wheel Diameter	915.50	915.00	917.00	917.00	916.50	917.00	916.50	916.00	
	v.	Wheel Disc No.	08864/ 383	08866/ 255	09047/ 247	09103/ 209	09126/ 308	05817/ 239	09053/ 382	09106/21 2	
	vi.	R.B. Nos.	R352	R409	R501	R334	S1843	R124	R122	R466	
	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, K/B				
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:	4490	DISPATCH DATE:			06.01.2015
2.	RAILWAY	NER	Type:	GS	Coach No.:	14536
3.	Booked to	SSE/C&W/MUV				
4.	Tare Weight of Coach :	36.99T				
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	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		200 mm			
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/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	85/85		
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		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			AGF,ABC, MECIDON		
vii.	LAV. DOORS			JR		
viii.	LP SHEET			NA		
ix)	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	
		4090		NER		GS		14536		19-12-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	141601				141622				
	ii.	Frame No.	UBLS-1197				ASR-751				
	iii.	Axle No.	RWF-91934		P-3470		U-7264		A-5110		
	iv.	Wheel Diameter	916.50	916.50	916.00	916.50	915.00	915.00	912.00	912.00	
	v.	Wheel Disc No.	09044/ 246	09121/ 267	07266/ 205	08086/ 248	04119/ 272	07339/ 259	09018/ 287	04054/31 7	
	vi.	R.B. Nos.	V297	V1480	V1092	V1085	V1490	V1485	V1514	V1505	
	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):					LESS WHEEL DIA.				

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