



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4076	DISPATCH DATE:			17.6.2014	
2.	RAILWAY	NE	Type:	GS	Coach No.:	14484	
3.	Booked to	SSE/C&W/GKP					
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	181.5 mm (AE63143)					
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1102/1103			1104/1100	
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	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			SAVITRI			
iii.	WATER TANKS			RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			OVPL			
vi.	WINDOWS			MOHAN , AGF & MECIDON			
vii.	LAV. DOORS			SAVITRI			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			OMAX			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

Shell No.: 4076

Dispatch Date: 19-03-2014

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140320				140315			
Frame No.	ASR-970				ASR-899			
Axle No.	V-9792		U-8260		W-2281		W-2768	
Wheel Diameter	917.50	917.00	917.50	917.50	917.50	917.50	917.00	917.00
Wheel Disc No.	03770/27 0	209054/2 95	03912/37 7	03754/2 20	00502/3 05	02472/20 9	03845/25 2	03755/22 0
R.B. No.	A0790	A0793	A0801	A0757	A0854	A0857	A0848	A0846
R.B. Make	NBC		NBC		NBC		NBC	
Type	Direct Mounted Spherical Roller Bearing							

5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	BRAKE CYLINDER NO	13540,12288	E12369,F12375	PEW,
2	SECONDARY VERTICAL DAMPER	120616,119822	119882,120677	IAI

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4076



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4014	DISPATCH DATE:			14.6.2014	
2.	RAILWAY	NE	Type:	GS	Coach No.:	14488	
3.	Booked to	SSE/C&W/GKP					
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			181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104			1104/1100	
viii)	Buffer/CBC (Make)			RIL			
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	ADVANCE	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			SAVITRI			
iii.	WATER TANKS			RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			MOHAN , AGF & MECIDON			
vii.	LAV. DOORS			SAVITRI			
viii.	LP SHEET			PUNJAB LAMINATES			
ix)	BIO- TOILET			RAIL FAB			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

Dispatch Date: 27-01-14

Shell No.: 4014

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140077				140098			
Frame No.	ASR-775				ASR-708			
Axle No.	T-4592		V-0002		U-9500		K-2080	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
Wheel Disc No.	02118/29 9	02076/21 5	04256/22 8	03800/3 74	04140/2 10	04271/29 7	04109/26 4	03664/23 1
R.B. No.	O-22	O-03	O-627	O-380	P-1709	P-1667	O-444	O-147
R.B. Make	FAG		FAG		FAG		FAG	
Type	Direct Mounted Spherical Roller Bearing							

5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	1897,1933	1489,12351	AJT,PEW
2	SECONDARY VERTICAL DAMPER	119998,120242	120637,120721	IAI

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4014



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4101	DISPATCH DATE:		19.6.2014		
2.	RAILWAY	NE	Type:	GS	Coach No.:	14490	
3.	Booked to	SSE/C&W/GKP					
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		181.5 mm (AE63143)				
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	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		SAVITRI				
iii.	WATER TANKS		RAIL FAB				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		OVPL				
vi.	WINDOWS		MOHAN , AGF & MECIDON				
vii.	LAV. DOORS		SAVITRI				
viii.	LP SHEET		NA				
ix)	BIO- TOILET		OMAX				
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4101		NE		GS		14490		04-06-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	140670					140679			
	ii.	Frame No.	RBO-946					ASR-1311			
	iii.	Axle No.	7970		8188		RWF-92555		RWF-92175		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	00469/ 216	02106/ 253	06326/ 382	06402/ 266	06301/ 267	06273/ 264	02639/ 220	04131/25 7	
	vi.	R.B. Nos.	X-2421	X-2507	X-2453	X-2464	X-1959	Y-715	X-1960	X-1986	
	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)					ESCORTS				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-4101



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4121	DISPATCH DATE:			20.6.2014
2.	RAILWAY	NE	Type:	GS	Coach No.:	14489
3.	Booked to	SSE/C&W/GKP				
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		181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104		
viii)	Buffer/CBC (Make)		REPL			
ix)	Draw Gear (Make)		EMSON & 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	APC	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		SAVITRI			
iii.	WATER TANKS		RAIL FAB & AMIT			
iv.	PVC		RESPONSIVE			
v.	FLOOR BOARD		OVPL			
vi.	WINDOWS		MOHAN , ABC & MECIDON			
vii.	LAV. DOORS		SAVITRI			
viii.	LP SHEET		NA			
ix)	BIO- TOILET		OMAX			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4121		NE		GS		14489		03-06-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	140657				140658				
	ii.	Frame No.	UBLS-531				ASR-1319				
	iii.	Axle No.	1269		0885		7973		5466		
	iv.	Wheel Diameter	912.00	912.00	912.00	912.00	913.00	913.00	913.00	913.00	
	v.	Wheel Disc No.	54592/ 09576	55059/ 09010	52070/ 07485	03315/ 12547	38807/ 09429	62741/ 10915	55939/ 03582	02689/04 569	
	vi.	R.B. Nos.	x-1972	x-1956	X-1916	X-1974	X-1457	X-1505	X-2415	X-2268	
	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)					ESCORTS				
12.4	i.	Modification/ Trail (if any):				LESS WHEEL DIA.					
	ii.	Deviations (if any):				NIL					

GS-4121



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4125	DISPATCH DATE:		23.6.2014		
2.	RAILWAY	NE	Type:	GS	Coach No.:	14485	
3.	Booked to	SSE/C&W/GKP					
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	181.5 mm (AE63143)					
vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	1103/1104		1104/1103		
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	APC	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	SAVITRI					
iii.	WATER TANKS	RAIL FAB					
iv.	PVC	RESPONSIVE					
v.	FLOOR BOARD	OVPL					
vi.	WINDOWS	MOHAN , ABC & MECIDON					
vii.	LAV. DOORS	SAVITRI					
viii.	LP SHEET	NA					
ix)	BIO- TOILET	RAIL FAB					
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.	Railway				Type	Coach No.	Dispatch Date	
		4125	NE				GS	14485	06-06-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side					NPP Side			
	i.	Bogie No.	140697					140699		
	ii.	Frame No.	RBO-988					ASR-1237		
	iii.	Axle No.	1657		1566		1650		0778	
	iv.	Wheel Diameter	915.00	915.00	917.50	917.00	917.50	917.50	917.00	917.00
	v.	Wheel Disc No.	2572/1 5383	25942/ 01595	25919/ 01596	25871/ 01595	25766/1 5383	25968/ 01595	24953/ 15035	24883/1 5035
	vi.	R.B. Nos.	B0785	B0809	B0894	B0902	B0787	B0823	B0585	B0598
	vii.	R.B. Make	NBC		NBC		NBC		NBC	
	viii	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)					AJT,PEW			
	ii.	SECONDARY Shock Absorber (Make)					ESCORTS			
12.4	i.	Modification/ Trail (if any):					NIL			
	ii.	Deviations (if any):					NIL			

GS-4125



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4089	DISPATCH DATE:			10.7.2014
2.	RAILWAY	NE	Type:	GS	Coach No.:	14483
3.	Booked to	SSE/C&W/GKP				
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			181.5 mm (AE63143)		
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		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			SAVITRI		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			MOHAN , AGF, ABC & MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			RAIL FAB		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		4089	NER		GS	14483	27-05-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	140615				140614				
	ii.	Frame No.	ASR-1286				RBO-966				
	iii.	Axle No.	V-9820		V-9269		RWF-98203		S-5327		
	iv.	Wheel Diameter	917.00	916.50	916.00	916.50	916.50	916.00	916.00	916.00	
	v.	Wheel Disc No.	06374/379	06345/209	08669/257	03750/266	06341/260	03931/227	04703/368	04095/242	
	vi.	R.B. Nos.	Y-941	Y-1157	Y-944	Y-943	B-0845	B-0875	B-0858	B-0839	
	vii.	R.B. Make	FAG		FAG		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-4089



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4133	DISPATCH DATE:			11.7.2014	
2.	RAILWAY	NE	Type:	GS	Coach No.:	14487	
3.	Booked to	SSE/C&W/GKP					
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				181.5 mm (AE63143)		
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		APC	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			SAVITRI			
iii.	WATER TANKS			RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	WINDOWS			MOHAN ,ABC & MECIDON			
vii.	LAV. DOORS			SAVITRI			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			OMAX			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4133	NE		GS		14487		07-06-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140700				140689			
	ii.	Frame No.	ASR-1240				UBLS-544			
	iii.	Axle No.	0105		1739		110842/373		107940/139	
	iv.	Wheel Diameter	916.50	916.50	917.00	917.00	909.00	909.00	909.00	909.00
	v.	Wheel Disc No.	23168/ 14921	24909/ 15035	25851/ 01595	25771/ 15383	02642/ 04569	62673/ 10945	14995/ 16142	09120/13 753
	vi.	R.B. Nos.	B0817	B0798	B0897	B0895	Y2126	Y1875	Y2215	X1852
	vii.	R.B. Make	NBC		NBC		FAG		FAG	
	viii	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				ESCORTS				
12.4	i.	Modification/ Trail (if any):				LESS WHEEL DIA				
	ii.	Deviations (if any):				NIL				

GS-4133



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4079	DISPATCH DATE:			14.7.2014
2.	RAILWAY	NE	Type:	GS	Coach No.:	14482
3.	Booked to	SSE/C&W/GKP				
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			181.5 mm (AE63143)		
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	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			SAVITRI		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			AGF ,ABC & MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATES		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4079		NE		GS		14482		28-05-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	140622				140598				
	ii.	Frame No.	UBLS-938				ASR-1292				
	iii.	Axle No.	S-1640		RWF-98109		V-9407		U-5148		
	iv.	Wheel Diameter	914.00	914.00	911.00	911.00	913.00	913.00	913.50	913.00	
	v.	Wheel Disc No.	65566/ 11931	65308/ 11931	12547/ 14472	12579/ 14472	14565/ 15909	15199/ 16212	15223/ 16212	15024/16 142	
	vi.	R.B. Nos.	X-1848	X-1522	B-1347	B-1345	Y-980	Y-957	Y-973	Y-978	
	vii.	R.B. Make	FAG		NBC		FAG		FAG		
	viii	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<u>Items Traceability:</u>										
	i.	BRAKE CYLINDER (Make)					PEW,AJT				
	ii.	SECONDARY Shock Absorber (Make)					GABRIEL				
12.4	i.	Modification/ Trail (if any):					LESS WHEEL DIA USED				
	ii.	Deviations (if any):					NIL				



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4127	DISPATCH DATE:			19.6.2014
2.	RAILWAY	NE	Type:	GS	Coach No.:	14486
3.	Booked to	SSE/C&W/GKP				
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			181.5 (AE63143) 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		APC	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			SAVITRI		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TAYAL		
vi.	WINDOWS			MOHAN , ABC & MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			RAIL FAB		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4127	NER	GS	144486	06-06-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140694				140678			
	ii.	Frame No.	ASR-1318				RBO-990			
	iii.	Axle No.	1831		713		0753		0176	
	iv.	Wheel Diameter	917.00	917.00	915.00	915.00	917.00	916.50	916.00	916.00
	v.	Wheel Disc No.	25688/ 01595	25904/ 01595	03392/ 12547	23197/ 14921	24916/ 15035	24955/ 15035	24394/ 15035	24937/15 035
	vi.	R.B. Nos.	B-0933	B-0893	B-1101	B-1126	B-0827	B-0711	B-1109	B-0879
	vii.	R.B. Make	NBC		NBC		NBC		NBC	
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				ESCORTS				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GS-4127



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4116	DISPATCH DATE:			15.7.2014	
2.	RAILWAY	NE	Type:	GS	Coach No.:	14481	
3.	Booked to			SSE/C&W/GKP			
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			181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1102/1104		
viii)	Buffer/CBC (Make)			REPL			
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	APC	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		SAVITRI	
	iii.	WATER TANKS		RAIL FAB	
	iv.	PVC		RESPONSIVE	
	v.	FLOOR BOARD		TAYAL	
	vi.	WINDOWS		MOHAN ,ABC & MECIDON	
	vii.	LAV. DOORS		SAVITRI	
	viii.	LP SHEET		PUNJAB LAMINATES	
	ix)	BIO- TOILET		OMAX	
10.	10.1	Modification/ Trial (if any):		NIL	
	10.2	Deviations (if any):		NIL	



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4116		NE		GS		14481		30-05-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	140644					140641			
	ii.	Frame No.	RBO-940					ASR-1290			
	iii.	Axle No.	V-9852		109093/462		W-2443		S-7353		
	iv.	Wheel Diameter	913.00	913.00	912.00	912.00	913.00	913.00	911.00	911.00	
	v.	Wheel Disc No.	18766/ 16567	02608/ 04664	30303/ 02634	36656/ 00647	15049/ 16142	18817/ 16567	15244/ 16212	14933/16 111	
	vi.	R.B. Nos.	Y-2131	Y-2137	L-1764	L-1739	X-1653	X-1652	Y-1084	Y-1127	
	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)					PEW				
	ii.	SECONDARY Shock Absorber (Make)					ESCORT				
12.4	i.	Modification/ Trail (if any):					Less wheel dia.				
	ii.	Deviations (if any):					NIL				

GS-4116