



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4136	DISPATCH DATE:			26.6.2014	
2.	RAILWAY	SR	Type:	GS	Coach No.:	14447	
3.	Booked to	SSE/C&W/PER					
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	1103/1104		
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/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	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			OVPL			
iii.	WATER TANKS			RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			OVPL			
vi.	WINDOWS			AGF, MOHAN, SAVITRI			
vii.	LAV. DOORS			-----			
viii.	LP SHEET			NK			
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				
		4136	SR	GS	14447	13-06-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140725				140724			
	ii.	Frame No.	RBO-994				UBLS-981			
	iii.	Axle No.	9875		7576		472		9876	
	iv.	Wheel Diameter	917.00	916.50	916.00	916.50	916.00	916.00	916.50	916.00
	v.	Wheel Disc No.	06306/382	06374/286	05909/297	03926/376	06986/250	06963/284	06986/254	06976/230
	vi.	R.B. Nos.	X1436	X1535	X1247	X1137	X1407	X1210	X1362	X1388
	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,AJT				
	ii.	SECONDARY Shock Absorber (Make)				GABRIAL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GS-4136



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4115	DISPATCH DATE:			26.6.2014
2.	RAILWAY	SR	Type:	GS	Coach No.:	14446
3.	Booked to	SSE/C&W/PER				
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	1103/1104		
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/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	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			OVPL		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			MOHAN, 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

12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4115	SR	GS	14446	10-06-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140711				140714			
	ii.	Frame No.	Asr-1198				RBO-1004			
	iii.	Axle No.	5342		343		RWF-91488		7553	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	03665/ 226	100521 /215	06400/ 236	06972/ 380	04226/ 272	04060/ 237	06358/ 211	06331/26 8
	vi.	R.B. Nos.	y-684	y-630	B-0942	B-0940	Y-1967	X-1966	Y-679	X-1945
	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				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4120	DISPATCH DATE:			28.6.2014	
2.	RAILWAY	SR	Type:	GS	Coach No.:	14448	
3.	Booked to	SSE/C&W/PER					
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		181.5mm(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		OVPL				
iii.	WATER TANKS		RAIL FAB				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		OVPL				
vi.	WINDOWS		AGF, MECIDON & MOHAN				
vii.	LAV. DOORS		SAVITRI				
viii.	LP SHEET		PUNJAB LAMINATE				
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				
		4120	SR	GS	14448	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.	140696				140703			
	ii.	Frame No.	ASR-1349				ASR-1357			
	iii.	Axle No.	1005		1738		1750		2206	
	iv.	Wheel Diameter	917.50	917.50	917.50	917.50	917.00	917.00	917.00	917.50
	v.	Wheel Disc No.	25944/ 01595	25943/ 01595	25774/ 15383	25926/ 01595	25971/ 01595	25921/ 01595	25869/ 01595	25864/01 595
	vi.	R.B. Nos.	B0780	B0819	B0801	B0820	B0896	B0884	B0921	B0885
	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)				PEW4				
	ii.	SECONDARY Shock Absorber (Make)				ESCORTS				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4087	DISPATCH DATE:			30.6.2014	
2.	RAILWAY	SR	Type:	GS	Coach No.:	14457	
3.	Booked to	SSE/C&W/PER					
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		181.5mm(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					OVPL	
iii.	WATER TANKS					AMIT	
iv.	PVC					RESPONSIVE	
v.	FLOOR BOARD					OVPL	
vi.	WINDOWS					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

Shell No.: 4087

Dispatch Date: 26-03-2014

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	140370				140342			
Frame No.	UBLS-521				UBLS-508			
Axle No.	RWF-98157		RWF-94540		RWF-110407		W-2986	
Wheel Diameter	918.00	918.00	918.00	918.00	917.50	918.00	917.50	918.00
Wheel Disc No.	04204/20 6	03802/21 8	03730/20 1	03734/3 68	04224/2 34	04089/36 3	04224/25 7	04160/24 5
R.B. No.	A-0552	A-0575	A-0567	A-0587	B-0636	B-0631	B-0611	B-0652
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	6774,873	E-12290,E-12339	AJT.PEW
2	SECONDARY VERTICAL DAMPER	606,256	119845,119090	GABRIAL,IAI

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GS-4087



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4032	DISPATCH DATE:			01.07.2014
2.	RAILWAY	SR	Type:	GS	Coach No.:	14458
3.	Booked to	SSE/C&W/PER				
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	181.5mm(AE63143)			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	1104/1104	1104/1104	
	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/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	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORTS			
	ii.	SEAT & BERTH	OVPL			
	iii.	WATER TANKS	AMIT			
	iv.	PVC	RESPONSIVE			
	v.	FLOOR BOARD	OVPL			
	vi.	WINDOWS	AGF & MECIDON			
	vii.	LAV. DOORS	SAVITRI			
	viii.	LP SHEET	PUNJAB LAMINATE			
	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				
		4032	SR	GS	14458	09-05-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140530				140508			
	ii.	Frame No.	ASR-1129				ASR-1126			
	iii.	Axle No.	W-2267		RWF-110447		8247		4159	
	iv.	Wheel Diameter	917.50	917.50	916.00	916.00	916.50	916.00	916.00	916.00
	v.	Wheel Disc No.	17159/ 16294	17182/ 16294	17292/ 16384	17121/ 16294	09726/ 13753	18737/ 16567	17243/ 16384	18749/16 567
	vi.	R.B. Nos.	B1263	B1281	J0516	J0540	KJ550	J530	J0520	J0340
	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)				PEW				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GS-4032



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4152	DISPATCH DATE:			30.6.2014	
2.	RAILWAY	SR	Type:	GS	Coach No.:	14444	
3.	Booked to	SSE/C&W/PER					
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		181.5mm(AE63143)				
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/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	86			
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		SIL				
ii.	SEAT & BERTH		OVPL				
iii.	WATER TANKS		AMIT, RAIL FAB				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		OVPL				
vi.	WINDOWS		ABC, AGF & MOHAN				
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

12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		4152	SR	GS	14444	13-06-14					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	140732				140733				
	ii.	Frame No.	UBLS-983				ASR-1155				
	iii.	Axle No.	V-9850		1804		755		1544		
	iv.	Wheel Diameter	916.50	916.50	917.50	917.50	917.00	917.00	915.00	915.00	
	v.	Wheel Disc No.	05794/261	06861/201	06295/266	06972/213	05614/236	05868/229	06706/216	04089/215	
	vi.	R.B. Nos.	X1415	X1796	X1423	X1392	X1179	X2429	X1542	X1511	
	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)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					GABRIAL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

GS-4152



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

1.	SHELL No:	4124	DISPATCH DATE:			30.6.2014	
2.	RAILWAY	SR	Type:	GS	Coach No.:	14456	
3.	Booked to	SSE/C&W/PER					
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	181.5mm(AE63143)				
	vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	1104/1104		1104/1102	
	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	APC	86		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	Make ESCORTS				
	ii.	SEAT & BERTH	OVPL				
	iii.	WATER TANKS	RAIL FAB				
	iv.	PVC	RESPONSIVE				
	v.	FLOOR BOARD	OVPL				
	vi.	WINDOWS	ABC, AGF & MECIDON, MOHAN				
	vii.	LAV. DOORS	SAVITRI				
	viii.	LP SHEET	PUNJAB LAMINATE				
	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
-----	----------------	-----------	---------	------	-----------	---------------

		4124	SR	GS	14456	10-06-14			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side			NPP Side				
	i. Bogie No.	140713			140706				
	ii. Frame No.	ASR-1355			ASR-1285				
	iii. Axle No.	T-4851		0535	1649		1546		
	iv. Wheel Diameter	909.00	909.00	912.00	912.50	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	18775/ 16567	19083/ 16671	51837/ 07763	58105/ 10626	25987/ 01595	25954/ 01595	25906/ 01595	25725/15 383
	vi. R.B. Nos.	Y2156	Y1878	X2447	X2441	B0783	B0805	B0916	B0888
	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)			AJT				
	ii.	SECONDARY Shock Absorber (Make)			ESCORTS				
12.4	i.	Modification/ Trail (if any):			Less Wheel Dia.				
	ii.	Deviations (if any):			NIL				

GS-4124



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4143	DISPATCH DATE:			30.6.2014
2.	RAILWAY	SR	Type:	GS	Coach No.:	14445
3.	Booked to	SSE/C&W/PER				
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		181.5mm(AE63143)			
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/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	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			OVPL		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			ABC, MECIDON, MOHAN		
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
		4143	SR	GS	14445	05-06-14

12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140690				140691			
	ii.	Frame No.	RBO-976				ASR-1210			
	iii.	Axle No.	956		1122		7668		9870	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.00	916.00
	v.	Wheel Disc No.	25943/ 15035	24906/ 15085	25938/ 01595	25893/ 01595	24867/ 15035	23140/ 14921	24891/ 15035	24843/15 035
	vi.	R.B. Nos.	B-0574	B-0575	B-0777	B-0800	X-1433	X-1496	B-0594	B-0599
	vii.	R.B. Make	NBC		NBC		FAG		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)				ESCORTS				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GS-4143



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4147	DISPATCH DATE:			02.7.2014	
2.	RAILWAY	SR	Type:	GS	Coach No.:	14455	
3.	Booked to	SSE/C&W/PER					
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		181.5mm(AE63143)				
vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	1104/1094			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	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		OVPL				
iii.	WATER TANKS		RAIL FAB				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		OVPL				
vi.	WINDOWS		ABC, AGF, MECIDON				
vii.	LAV. DOORS		SAVITRI				
viii.	LP SHEET		PUNJAB LAMINATE				
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				
		4147	SR	GS	14455	19-06-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140745				140742			
	ii.	Frame No.	ASR-1371				RBO-985			
	iii.	Axle No.	721	246	0492	1567				
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.50	916.50
	v.	Wheel Disc No.	06934/226	06946/285	06986/368	06987/286	06961/275	06980/205	06973/248	06977/377
	vi.	R.B. Nos.	X-2285	X-2266	X-2338	X-1624	D-0424	D-0493	X-2317	X-2260
	vii.	R.B. Make	FAG		FAG		NBC		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)	GABRIEL
12.4	i.	Modification/ Trail (if any):	NIL
	ii.	Deviations (if any):	NIL

GS-4147



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4144	DISPATCH DATE:		01.7.2014
2.	RAILWAY	SR	Type:	GS	Coach No.:
3.	Booked to	SSE/C&W/PER			
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	181.5mm(AE63143)			
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	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	OVPL
	iii.	WATER TANKS	RAIL FAB
	iv.	PVC	RESPONSIVE
	v.	FLOOR BOARD	OVPL
	vi.	WINDOWS	ABC, AGF, MECIDON, MRC
	vii.	LAV. DOORS	SAVITRI
	viii.	LP SHEET	PUNJAB LAMINATE
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				
		SR	SR	GS	14449	13-06-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side			NPP Side					
	i.	Bogie No.	140723			140726				
	ii.	Frame No.	ASR-1356			RBO-987				
	iii.	Axle No.	0882	1053	9952	0085				
	iv.	Wheel Diameter	917.50	918.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	06396/375	06314/288	06136/377	05836/279	06285/237	06973/251	06975/369	06943/266
	vi.	R.B. Nos.	Y3056	X1087	B0939	B0955	X1992	X1999	X1042	X1045
	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)				ESCORTS				

12.4	i.	Modification/ Trail (if any):	NIL
	ii.	Deviations (if any):	NIL

GS-4144



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4164	DISPATCH DATE:		3.7.2014
2.	RAILWAY	SR	Type:	GS	Coach No.: 14453
3.	Booked to	SSE/C&W/PER			
4.	Tare Weight of Coach :	36.99T			
5.	Carrying Capacity :	Seating:	90	Sleeping:	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	181.5mm(AE63143)		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1103/1104	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	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		OVPL	
	iii.	WATER TANKS		RAIL FAB & RUBICON	
	iv.	PVC		RESPONSIVE	

	v.	FLOOR BOARD	OVPL
	vi.	WINDOWS	ABC, AGF& MECIDON
	vii.	LAV. DOORS	SAVITRI
	viii.	LP SHEET	PUNJAB LAMINATE
	ix)	BIO- TOILET	DARSHAN
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					
		4164	SR	GS	14453	09-06-14					
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	140686				140712				
	ii.	Frame No.	UBLS-986				ASR-1362				
	iii.	Axle No.	7556		5853		1648		0419		
	iv.	Wheel Diameter	913.00	913.00	913.00	913.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	68271/09429	00183/03793	02778/12240	68288/09429	25780/15383	25952/01595	25717/15383	25753/15383	
	vi.	R.B. Nos.	B-0592	B-0589	Y-1626	Y-1667	B-0943	B-0947	B-0951	B-0936	
	vii.	R.B. Make	NBC		FAG		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,GABRIEL				
12.4	i.	Modification/ Trail (if any):					LESS WHEEL DIA				

ii.	Deviations (if any):	NIL
-----	----------------------	-----

GS-4164



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4104	DISPATCH DATE:			4.7.2014	
2.	RAILWAY	SR	Type:	GS	Coach No.:	14460	
3.	Booked to	SSE/C&W/PER					
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		181.5mm(AE63143)				
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/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	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		OVPL				
iii.	WATER TANKS		RAIL FAB				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		OVPL				

	vi.	WINDOWS	MOHAN , ABC, AGF & MECIDON
	vii.	LAV. DOORS	SAVITRI
	viii.	LP SHEET	PUNJAB LAMINATE
	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		
		4104		SR		GS		14460		26-05-14		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
12.2	Wheel & Axle Details:	PP Side						NPP Side				
	i.	Bogie No.	140594						140569			
	ii.	Frame No.	ASR-1287						ASR-1179			
	iii.	Axle No.	S-5580			V-1618			T-3238		W-2511	
	iv.	Wheel Diameter	914.00	914.00	915.00	915.00	915.00	915.00	910.00	910.00		
	v.	Wheel Disc No.	15165/ 16212	15145/ 16212	23401/ 00589	NIL		17304/ 16384	39542/ 04137	55778/ 02612	14693/16 001	
	vi.	R.B. Nos.	X-1762	X-1119	X-1691	X-1780	X-1787	X-1827	X-1775	X-1851		
	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,PEW				
	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

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4100	DISPATCH DATE:			4.7.2014	
2.	RAILWAY	SR	Type:	GS	Coach No.:	14459	
3.	Booked to	SSE/C&W/PER					
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		181.5mm(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:						
8.	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)				
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		OVPL				
iii.	WATER TANKS		RAIL FAB				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		OVPL				
vi.	WINDOWS		MOHAN , ABC, AGF & MECIDON				
vii.	LAV. DOORS		SAVITRI				
viii.	LP SHEET		PUNJAB LAMINATE				
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	
			4100		SR		GS		14459		16-05-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
12.2	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	140560					140577				
	ii.	Frame No.	ASR-1231					RBO-B-936				
	iii.	Axle No.	S-5560		S-1595		U-3836		U-7960			
	iv.	Wheel Diameter	915.00	915.00	917.00	916.50	916.50	916.50	916.00	916.50		
	v.	Wheel Disc No.	63338/ 06566	02922/ 12392	65324/ 11931	58593/ 10083	65851/ 12076	36086/ 01550	15279/ 16142	09782/13 753		
	vi.	R.B. Nos.	B0977	B01018	B1023	B1027	B1061	B1056	B1049	B1095		
	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)					GABRIEL					
12.4	i.	Modification/ Trail (if any):					NIL					
	ii.	Deviations (if any):					NIL					



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4155	DISPATCH DATE:		4.7.2014		
2.	RAILWAY	SR	Type:	GS	Coach No.:	14451	
3.	Booked to	SSE/C&W/PER					
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	181.5mm(AE63143)				
	vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	1100/1104	1102/1104		
	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	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		OVPL			
	iii.	WATER TANKS		RAIL FAB & RUBICON			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		OVPL			
	vi.	WINDOWS		AGF & MECIDON			
	vii.	LAV. DOORS		SAVITRI			
	viii.	LP SHEET		PUNJAB LAMINATE			
	ix)	BIO- TOILET		DARSHAN			
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				
		4155	SR	GS	14451	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.	140636				140634			
	ii.	Frame No.	UBLS-953				UBLS-949			
	iii.	Axle No.	5998		5598		5850		S-5541	
	iv.	Wheel Diameter	913.00	913.00	913.00	913.50	915.00	915.00	911.00	911.00
	v.	Wheel Disc No.	63200/ 06744	00261/ 03793	00229/ 03793	02579/ 04066	03442/ 2618	02623/ 04569	12570/ 14472	15026/16 142
	vi.	R.B. Nos.	X-2053	X-2059	X-2050	X-2036	Y-1974	Y-2079	B-1323	B-1320
	vii.	R.B. Make	FAG		FAG		FAG		NBC	
	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):				Less wheel dia.				
	ii.	Deviations (if any):				NIL				



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4160	DISPATCH DATE:			5.7.2014	
2.	RAILWAY	SR	Type:	GS	Coach No.:	14454	
3.	Booked to	SSE/C&W/PER					
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			181.5mm(AE63143)			
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	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			OVPL			
iii.	WATER TANKS			RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			OVPL			
vi.	WINDOWS			ABC, AGF & MECIDON			
vii.	LAV. DOORS			SAVITRI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			DARSHAN			
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	
		4160		SR		GS		14454		09-06-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	140709				140707				
	ii.	Frame No.	ASR-1354				ASR-1257				
	iii.	Axle No.	6107		0891		1008		0777		
	iv.	Wheel Diameter	917.00	917.00	917.50	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	06398/579	06394/221	06378/261	05870/259	04165/226	06948/297	06327/373	06358/261	1
	vi.	R.B. Nos.	Y-187	Y-628	B-0962	B-0952	B-0706	B-0950	B-0934	B-0935	
	vii.	R.B. Make	FAG		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)					GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4170	DISPATCH DATE:		8.7.2014
2.	RAILWAY	SR	Type:	GS	Coach No.: 14462
3.	Booked to	SSE/C&W/PER			
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	181.5mm(AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /- 10 mm	1104/1102	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	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		OVPL		
iii.	WATER TANKS		AMIT & RUBICON		
iv.	PVC		RESPONSIVE		
v.	FLOOR BOARD		OVPL		
vi.	WINDOWS		ABC, AGF & MECIDON		
vii.	LAV. DOORS		SAVITRI		
viii.	LP SHEET		PUNJAB LAMINATE		
ix)	BIO- TOILET		DARSHAN		
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				
		4170	SR	GS	14462	18-06-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140730				140735			
	ii.	Frame No.	RBO-982				RBO-992			
	iii.	Axle No.	0776		0406		1765		1570	
	iv.	Wheel Diameter	917.00	917.00	918.00	918.00	916.50	916.50	916.00	916.00
	v.	Wheel Disc No.	06370/382	06355/205	06400/275	06355/259	06986/382	06990/225	06976/282	06979/233
	vi.	R.B. Nos.	X-1416	X-1458	X-1576	X-1430	X-2311	X-2306	X-2290	X-2287
	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)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GS-4170



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4139	DISPATCH DATE:			11.7.2014
2.	RAILWAY	SR	Type:	GS	Coach No.:	14463
3.	Booked to	SSE/C&W/PER				
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			181.5mm(AE63143)		
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	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			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			ABC, MOHAN & MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATE		
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				
		4139	SR	GS	14463	31-05-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140653				140646			
	ii.	Frame No.	ASR-1262				RBO-968			
	iii.	Axle No.	0077		1073		U-8735		RWF-91095	
	iv.	Wheel Diameter	910.00	910.50	910.00	910.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	30065/ 02810	50515/ 07798	23146/ 24921	24937/ 15035	06575/ 262	06344/ 246	02070/ 257	04138/37 3
	vi.	R.B. Nos.	X-2069	X-2075	X-1978	X-1962	X-2446	X-2454	X-2457	X-2376
	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)				AJT,PEW				
	ii.	SECONDARY Shock Absorber (Make)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				Less wheel dia.				
	ii.	Deviations (if any):				NIL				



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4140	DISPATCH DATE:			11.7.2014
2.	RAILWAY	SR	Type:	GS	Coach No.:	14452
3.	Booked to	SSE/C&W/PER				
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		181.5mm(AE63143)		
	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	86	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT			Make ESCORTS	
	ii.	SEAT & BERTH			OVPL	
	iii.	WATER TANKS			AMIT & RAIL FAB	
	iv.	PVC			RESPONSIVE	
	v.	FLOOR BOARD			OVPL	
	vi.	WINDOWS			MOHAN, ABC, AGF & 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

12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		4140	SR	GS	14452	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.	140638				140642			
	ii. Frame No.	ASR-1272				UBLS-955			
	iii. Axle No.	T-4719		U-9957		7961		6000	
	iv. Wheel Diameter	912.00	912.50	913.00	913.00	912.00	912.00	913.50	913.50
	v. Wheel Disc No.	NIL	17171/ 16294	15046/ 16142	55082/ 09010	72565/ 14472	14129/ 16111	45299/ 03007	55763/02 612
	vi. R.B. Nos.	X-2401	X-2370	Y-2212	Y-2139	Y-1359	Y-2382	Y-2256	Y-2046
	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)				GABRIEL			
12.4	i.	Modification/ Trail (if any):				Less wheel dia.			
	ii.	Deviations (if any):				NIL			



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4109	DISPATCH DATE:			12.7.2014
2.	RAILWAY	SR	Type:	GS	Coach No.:	14461
3.	Booked to	SSE/C&W/PER				
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			181.5mm(AE63143)		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104	
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		VIBGYOR	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			OVPL		
iii.	WATER TANKS			RUBICONE & RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			AGF & MECIDON		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			DARSHAN		
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				
		4109	SR	GS	14461	19-06-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140746				140749			
	ii.	Frame No.	UBLS-18872				ASR-1374			
	iii.	Axle No.	0414		1890		336		266	
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	06976/268	06987/314	06976/283	06940/254	06959/258	06986/246	06986/226	06986/275
	vi.	R.B. Nos.	D-0873	D-0517	X-2397	X-2327	D-0458	D-0473	D-0482	D-0473
	vii.	R.B. Make	NBC		FAG		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)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4148	DISPATCH DATE:			14.7.2014
2.	RAILWAY	SR	Type:	GS	Coach No.:	14450
3.	Booked to	SSE/C&W/PER				
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			181.5mm(AE63143)		
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	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			OVPL		
iii.	WATER TANKS			RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			ABC, AGF & MOHAN		
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	
		4148		SR		GS		14450		25-06-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	140764				140760				
	ii.	Frame No.	UBLS-18891				UBLS-18851				
	iii.	Axle No.	2725		1206		2727		1049		
	iv.	Wheel Diameter	916.00	916.00	916.50	916.50	916.50	916.00	916.50	916.50	
	v.	Wheel Disc No.	06212/ 241	06948/ 381	06975/ 283	06985/ 290	03812/ 238	06950/ 252	05878/ 242	06272/23 0	
	vi.	R.B. Nos.	D-0959	D-0958	D-0957	D-0819	D-0839	D-0832	D-0829	D-0921	
	vii.	R.B. Make	NBC		NBC		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-4148