



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5252	DISPATCH DATE:			14.09.2015	
2.	RAILWAY	WCR	Type:	GS	Coach No.:	15419	
3.	Booked to	SSE/C&W/JBP					
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/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			AAR KAY FOAMS			
iii.	WATER TANKS			AMIT			
iv.	PVC			TAYAL			
v.	FLOOR BOARD			RESPONSIVE			
vi.	WINDOWS			AGF, MECIDONE			
vii.	LAV. DOORS			AMIR CHAND			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			RAIL TECH			
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

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		5252	WCR	GS	15419	29-08-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	151130				151131			
	ii. Frame No.	ASR-546				UBLS-1540			
	iii. Axle No.	V-9265		Y-6751		F-5629		A-5703	
	iv. Wheel Diameter	917.00	917.00	918.00	918.00	917.50	917.00	917.00	917.00
	v. Wheel Disc No.	08011/ 217	08067/ 216	06577/ 247	06047/ 234	08088/ 241	07380/ 270	10180/ 250	08082/38 7
	vi. R.B. Nos.	D0795	D0818	D1097	D1068	E1609	E1156	D1085	D1058
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			ASSOC-948,513			AJT-4441,3799	
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORT-4769,4907			ESCORT-4627,4761	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

GS-5252

रेल डिब्बा कारखाना, कपूरथला

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5253	DISPATCH DATE:			15.09.2015
2.	RAILWAY	WCR	Type:	GS	Coach No.:	15422
3.	Booked to	SSE/C&W/JBP				
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	1104/1104	
viii)	Buffer/CBC (Make)			ATUL		
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	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			AAR KAY FOAMS		
iii.	WATER TANKS			AMIT		
iv.	PVC			TAYAL		
v.	FLOOR BOARD			RESPONSIVE		
vi.	WINDOWS			AGF, JGF		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			AMIT		
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

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5253	WCR	GS	15422	03-09-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151139				151134				
	ii. Frame No.	ASR-553				UBLS-1532				
	iii. Axle No.	Y-6835		Y-6967		A-5227		Y-8481		
	iv. Wheel Diameter	916.50	917.00	917.00	917.00	916.50	917.00	917.00	917.00	
	v. Wheel Disc No.	07286/ 257	06931/ 233	05938/ 381	08064/ 311	02245/ 267	07367/ 381	08069/ 362	09071/21 9	
	vi. R.B. Nos.	E1612	E1624	E1477	E1439	D0790	D0812	D0801	D0822	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
viii . R.B. Type	Direct Mounted Spherical Roller Bearing									
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-NIL		AJT-3885,3931		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-4603,4667		ESCORTS-4749,4662		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GS-5253

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5237	DISPATCH DATE:			15.09.2015
2.	RAILWAY	WCR	Type:	GS	Coach No.:	15417
3.	Booked to	SSE/C&W/JBP				
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		APEX	85/86	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			AAR KAY FOAMS		
iii.	WATER TANKS			RUBICONE		
iv.	PVC			TAYAL		
v.	FLOOR BOARD			RESPONSIVE		
vi.	WINDOWS			AGF, JGF, MECIDONE		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			RAIL TECH, 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

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date					
		5237	WCR	GS	15417	18-08-2015					
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	151061				151056				
	ii.	Frame No.	UBLS-1550				ASR-485				
	iii.	Axle No.	A-5748		Y-6245		Z-7184		A-9188		
	iv.	Wheel Diameter	917.00	917.00	918.00	918.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	08271/ 270	05900/ 239	07360/ 219	03863/ 232	05944/ 245	07254/ 257	08091/ 208	06929/27 3	
	vi.	R.B. Nos.	F1104	F1081	D-0723	D-0738	F1082	F1084	F1112	F1120	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE			NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-E7977,E8046			PEW-E9102,E9103		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-0203,0172			ESCORTS-0453,0630		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

GS-5237



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5254	DISPATCH DATE:			15.09.2015
2.	RAILWAY	WCR	Type:	GS	Coach No.:	15420
3.	Booked to	SSE/C&W/JBP				
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	85/86	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			AAR KAY FOAMS		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			ORIENTAL		
vi.	WINDOWS			AGF, MECIDONE		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			RAIL TECH		
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

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		5254	WCR	GS	15420	25-08-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	151117				151119			
	ii. Frame No.	UBLS-1553				ASR-529			
	iii. Axle No.	Y-7646		A-4887		A-5266		Y-6971	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	09188/ 308	05943/ 261	08073/ 241	07284/ 263	03620/ 282	05225/ 260	06971/ 3801	07260/22 6
	vi. R.B. Nos.	E1611	E1606	F1593	E1607	F0979	F0984	F0994	F0977
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			AJT- 3913,3545		AJT-3785,3911		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORT-4466,4651		ESCORT-5027,4780		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

GS-5254



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5258	DISPATCH DATE:			18.09.2015	
2.	RAILWAY	WCR	Type:	GS	Coach No.:	15421	
3.	Booked to	SSE/C&W/JBP					
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)			HEMCO			
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			MANOJ			
iii.	WATER TANKS			AMIT			
iv.	PVC			TAYAL			
v.	FLOOR BOARD			RESPONSIVE			
vi.	WINDOWS			AGF, ABC, MECIDONE			
vii.	LAV. DOORS			AMIR CHAND			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			RAIL TECH			
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

11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		5258	WCR		GS		15421		09-09-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	151157				151156				
	ii. Frame No.	ASR-591				UBLS-1587				
	iii. Axle No.	Y-6503		A-4562		Y-6779		503		
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	13901/310	08102/289	14203/226	16172/203	09054/295	08103/219	05592/279	13779/308	
	vi. R.B. Nos.	U3182	U3155	U3177	U3186	U3127	T0142	T0128	U-2253	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-158,196		PEW-026,042		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-4674,4446		ESCORTS-4772,4882		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

GS-5258



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5239	DISPATCH DATE:			10.09.2015
2.	RAILWAY	WCR	Type:	GS	Coach No.:	15416
3.	Booked to	SSE/C&W/JBP				
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	1104/1102	
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		APEX	85/86	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			AAR KAY FOAMS		
iii.	WATER TANKS			RUBICONE		
iv.	PVC			TAYAL		
v.	FLOOR BOARD			RESPONSIVE		
vi.	WINDOWS			AGF, MECIDONE		
vii.	LAV. DOORS			AMIR CHAND		
viii.	LP SHEET			NA		
ix)	BIO- TOILET			RAIL TECH, 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

11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date
		5239	WC		GS		15416		28-08-2015
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	151125				151129			
	ii. Frame No.	ASR-518				UBLS-1569			
	iii. Axle No.	Y-6438		Y-6836		Y-8630		Y-6987	
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	918.00	918.00
	v. Wheel Disc No.	08746/376	07004/231	08942/579	12161/256	03913/375	07298/371	12107/276	09003/257
	vi. R.B. Nos.	E1177	D0701	D0672	D0702	E1200	E1171	D1048	D1078
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			AJT-3954,ASSOC-508			AJT-3932,3793	
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORT-4657,4677			ESCORT-4629,4628	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

GS-5239



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	5235	DISPATCH DATE:			10.09.2015	
2.	RAILWAY	WCR	Type:	GS	Coach No.:	15418	
3.	Booked to	SSE/C&W/JBP					
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/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		APEX	85/86		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			AAR KAY FOAMS			
iii.	WATER TANKS			RUBICONE			
iv.	PVC			TAYAL			
v.	FLOOR BOARD			RESPONSIVE			
vi.	WINDOWS			AGF, MECIDONE			
vii.	LAV. DOORS			AMIR CHAND			
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

11.	12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
			5235	WC	GS	15418	31-08-2015			
11.1	12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	12.2	Wheel & Axle Details:	PP Side				NPP Side			
		i. Bogie No.	151128				151123			
		ii. Frame No.	ASR-519				ASR-516			
		iii. Axle No.	Y-8482		A-5630		F-5937		A-5569	
		iv. Wheel Diameter	918.00	918.00	916.00	916.00	917.50	917.00	917.00	917.00
		v. Wheel Disc No.	07250/266	07213/267	05642/295	03653/374	03673/259	03706/237	02060/296	07246/286
		vi. R.B. Nos.	D1086	D1092	D0804	D0797	E1192	E1151	E1169	E1187
		vii. R.B. Make	NBC		NBC		NBC		NBC	
		viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	12.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
		i.	BRAKE CYLINDER Make & NO.				AJT-3938,3779		AJT-3885,3917	
		ii.	SECONDARY Shock Absorber Make &NO.				ESCORT-4770,4664		ESCORT-4636,4663	
11.4	12.4	i.	Modification/ Trail (if any):				NIL			
		ii.	Deviations (if any):				NIL			

GS-5235