



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7016	DISPATCH DATE:			10.04.17
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	173415
3.	Booked to	SSE/C&W/ DEE				
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104		1104
viii)	CBC (Make)			ESCORT		
ix)						
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	GS	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL/OVPL		
VI A	UIC			KRP		
vi.	WINDOWS			ABC, MECIDON		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		7016	NR	GSDD	173415/C	27-03-2017				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	170213				170210			
	ii.	Frame No.	ASR-1021				ASR-858			
	iii.	Axle No.	S-8542		9123		8904		8900	
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	917.50	918.00	918.00	918.00
	v.	Wheel Disc No.	19851/283	20154/245	20047/210	18421/238	20114/332	20066/395	18318/332	19585/271
	vi.	R.B. Nos.	F3281	F3624	H1133	H1130	F3657	F3665	H1118	H1131
	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-E11532,11523		PEW-11517,11503		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-14676,14708		K/B-14736,14671		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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1.	SHELL No:	7013	DISPATCH DATE:			01.04.2017
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	173411
3.	Booked to	SSE/C&W/DEE				
4.	Tare Weight of Coach :	38.03				
5.	Carrying Capacity :	Seating:	72	Sleeping:	72	Luggage: NIL
6.	Shell Details: SE90017					
6.1	Leading Dimensions;					
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	Maximum length over Body			21337 ± 10		
iii)	Maximum length over Buffer			22297 ± 15		
iv)	Maximum width over Body			3245 ± 5		
v)	Maximum width over Flasher light			3402 +0/-5		
vi)	Minimum height above rail level to the lowest fitting			181.5		
vii)	CBC Height	Specified : 1104 +0/-10 mm		1104	1104	
viii)	CBC (Make)			SANROK		
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		GS	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			ABC, AGF, MECIDON		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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11.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		7013	NR		GS(DEEN DYALU)	173411		27-02-2017		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	170151				170152				
	ii. Frame No.	UBLS-2346				RBO-2337				
	iii. Axle No.	8879		8603		V-6560		S-8792		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	18385/218	18380/324	20097/310	20111/230	19960/312	18693/332	18351/206	18345/279	
	vi. R.B. Nos.	J0024	J0035	H2892	H2879	H2917	H2900	H2919	H2989	
	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-12207,14878		PEW-12122,15141			
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-1664,1510		GABRIEL-1669,1668			
11.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			NIL					

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1.	SHELL No:	7018	DISPATCH DATE:			26/04/17
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	173417
3.	Booked to	SSE/C&W/ DEE				
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104		1104
viii)	CBC (Make)			SANROK		
ix)						
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		GS	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:				Make	
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT/RAIL FAB		
iv.	PVC			RESPONSIVE		
V A	UIC			ELASTOMER		
v.B	FLOOR BOARD			TWPL		
vi.	WINDOWS			ABC, MECIDON		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		7018	NR	GSDD	173417	20-04-2017				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	170270				170271				
	ii. Frame No.	ASR-1051				RBO-2367				
	iii. Axle No.	M-8004		M-9204		9054		1561		
	iv. Wheel Diameter	917.00	917.00	918.00	918.00	918.00	918.00	918.00	918.00	
	v. Wheel Disc No.	62491/10520	62620/10827	70661/12656	70678/12656	46949/06308	62793/10804	70579/12184	62837/10804	
	vi. R.B. Nos.	U2463	S0114	S0508	S0531	S0107	S0521	S0159	S0496	
	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-K11752,K11754			AJT-1366,1771		
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-14723,14724			K/B-14778,14777		
11.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			NIL					

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QMF4254;
Version: 05

1.	SHELL No:	7019	DISPATCH DATE:			28/04/17
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	173418
3.	Booked to	SSE/C&W/ DEE				
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104	1104	
viii)	CBC (Make)			SANROK		
ix)						
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		GS	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.A	UIC			KRP		
v.B	FLOOR BOARD			OVPL		
vi.	WINDOWS			ABC, MECIDON		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		7019	NR	GS(DEEN DAYALU)	173418	24-04-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	170282				170283			
	ii. Frame No.	UBLS-2353				ASR-935			
	iii. Axle No.	9078		9021		F-5870		H-0222	
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	18213/281	18137/313	18157/276	22056/396	20072/379	18106/299	18404/313	18167/328
	vi. R.B. Nos.	S0093	S0073	S0097	S0336	S0094	S0082	S0092	S0226
	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.			AJT-1838,1849		AJT-1777,1834		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-5855,6295		ESCORTS-5882,5907		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				



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1.	SHELL No:	7015	DISPATCH DATE:			10.04.17
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	173414
3.	Booked to	SSE/C&W/ DEE				
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104	1104	
viii)	CBC (Make)			ESCORT		
ix)						
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		GS	85/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL/OVPL		
VI A	UIC			ELASTOMER		
vi.	WINDOWS			ABC, MECIDON		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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11.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		7015	NR		GS(DEEN DYALU)	173414/C		02-03-2017		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	170159				170161				
	ii. Frame No.	ASR-716				ASR-445				
	iii. Axle No.	8366		5662		8911		V-6768		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	916.50	916.00	916.00	916.50	
	v. Wheel Disc No.	20154/333	19600/330	18370/203	20121/206	18312/246	19807/349	20122/332	19863/238	
	vi. R.B. Nos.	H2916	F3693	F3685	F3716	K0416	K0397	K0409	K0392	
	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-E0142,E15063		PEW-E15117,E0093			
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-1728,1702		GABRIEL-1729,1757			
11.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			NIL					

GSDD-7015



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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7017	DISPATCH DATE:			26.04.17
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	173416
3.	Booked to	SSE/C&W/ DEE				
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104	1104	
viii)	CBC (Make)			SANROK		
ix)						
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		GS	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT AND RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
VI A	UIC			ELASTOMER		
vi.	WINDOWS			ABC, MECIDON		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			---		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		7017	NR	GS(DEEN DAYALU)	173416	21-04-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	170274				170275			
	ii. Frame No.	ASR-1001				UBLS-2384			
	iii. Axle No.	V-6878		K-8809		W-2618		K-8633	
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	917.50
	v. Wheel Disc No.	19743/388	20126/253	20044/393	19663/336	19566/334	20128/318	12178/369	19707/249
	vi. R.B. Nos.	U2500	U2460	S0342	S0786	S105	U2477	S0377	S0777
	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.			AJT-1332,1326			AJT-1523,1261	
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-14441,14453			K/B-14590,14448	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7020	DISPATCH DATE:			26.04.17
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	173419
3.	Booked to	SSE/C&W/ DEE				
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104	1104	
viii)	CBC (Make)			SANROK		
ix)						
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		GS	85/85	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			KBI		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
VI A	UIC			ELASTOMER		
vi.	WINDOWS			ABC, MECIDON		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			--		
ix)	BIO- TOILET			OMAX		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		7020	NR	GS(DEEN DAYALU)	173419	22-04-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	170278				170279			
	ii. Frame No.	UBLS-2358				ASR-940			
	iii. Axle No.	V-3048		V-9877		V-6217		F-5205	
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	19600/287	19842/229	20092/214	21375/243	80880/248	20123/343	20137/299	19614/284
	vi. R.B. Nos.	S0523	S0361	U2576	U2467	S0773	T2498	S0742	S0044
	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.			AJT-1867,1809		AJT-1986,1828		
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-14632,14499		K/B-14645,14651		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

GSDD-7020



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	7022	DISPATCH DATE:			29.04.2017
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	173421
3.	Booked to	SSE/C&W/ DEE				
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)	CBC Height	Specified : 1104 +0 /-10 mm		1104		1104
viii)	CBC (Make)			SANROK		
ix)						
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		GS	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			FAVELLY		
ii.	SEAT & BERTH			OVPL		
iii.	WATER TANKS			AMIT,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
VI	UIC VESTIBULE			KRP		
vi.	WINDOWS			ABC, MECIDON		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX AUTO LTD.		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		7022	NR	GS(DEEN DAYALU)	173421	24-04-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Ait 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	170284				170285			
	ii. Frame No.	UBLS-2381				ASR-1062			
	iii. Axle No.	RWF-111525		V-2918		V-3161		V-2855	
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	19944/2 71	18387/3 17	18141/2 43	18166/2 91	18411/3 18	18179/2 14	18403/2 34	18376/242
	vi. R.B. Nos.	S0354	S0352	S0310	S0316	S0223	S0263	S0368	S0417
	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.			AJTECH-1885,1816		AJTECH-1830,1844		
	ii.	SECONDARY Shock Absorber Make &NO.			K/B-14490,14737		K/B-14628,14641		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

GSDD-7022