



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4064	DISPATCH DATE:			11.03.2015
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15218
3.	Booked to	SSE/C&W/LILUAH				
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)	Buffer/CBC Height	Specified : 1104 +0/-10 mm	1104/1104	1102/1104	
	viii)	Buffer/CBC (Make)	JLS			
	ix)	Draw Gear (Make)	EMSON			
7.	Air Brake Testing:					
		Description	Specified			
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm2	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec	No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec	Brakes "ON"		
	7.4	Passenger alarm by pulling chain	BP Blasts out, Brakes "ON"			
	7.5	Piston stroke for BMBC type coach only	19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	VIBGYOR	85/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	SUKATA			
	iii.	WATER TANKS	AMIT			
	iv.	PVC	PREMIER POLYFILM			
	v.	FLOOR BOARD	TAYAL			
	vi.	UIC VESTIBULE	KRP			
	vii.	WINDOWS	AGF,NME			
	viii.	LAV. DOORS	DHINJAN			
	ix)	LP SHEET	LP			
	x)	BIO- TOILET	ORIENTAL VENEER			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date			
		4064	ER		WGSCN	15218	24-02-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150230				150228			
	ii.	Frame No.	ASR-645				ASR-948			
	iii.	Axle No.	RWF-94491		U-4222		8029		9473	
	iv.	Wheel Diameter	916.50	917.00	917.00	916.50	917.00	916.50	916.50	917.00
	v.	Wheel Disc No.	10390/382	10306/287	10362/228	10382/268	10306/248	10366/396	10604/387	10367/204
	vi.	R.B. Nos.	K2166	J2023	K2169	K2158	K2179	K2136	K2141	K2163
	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)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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Version: 05

1.	SHELL No:	4058	DISPATCH DATE:		11.03.2015
2.	RAILWAY	ER	Type:	WGSCN	Coach No.: 15219
3.	Booked to	SSE/C&W/LILUAH			
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1103
	viii)	Buffer/CBC (Make)	JLS		
	ix)	Draw Gear (Make)	EMSON		
7.	Air Brake Testing:				
		Description	Specified		
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)	
			Brake release time to reach .4 Kg/cm2	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)	
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec	No brake application	
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec	Brakes "ON"	
	7.4	Passenger alarm by pulling chain	BP Blasts out, Brakes "ON"		
	7.5	Piston stroke for BMBC type coach only	19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:				
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE
	8.1	PAINT	PU PAINT	VIBGYOR	85/85
	8.2	APPLICATION OF PCN-123	SATISFACTORY		
	8.3	INSUALTION	SATISFACTORY		
9.	Traceability of Furnishing Items:				
	i.	BRAKE EQUIPMENT	Make ESCORT		
	ii.	SEAT & BERTH	SUKATA		
	iii.	WATER TANKS	AMIT		
	iv.	PVC	PREMIER POLYFILM		
	v.	FLOOR BOARD	TAYAL		
	vi	UIC VESTIBULE	ELASTOMER		
	vii	WINDOWS	AGF,NME		
	viii	LAV. DOORS	DHINJAN		
	ix)	LP SHEET	LP		
	x)	BIO- TOILET	JSL		
10.	10.1	Modification/ Trial (if any):	NIL		
	10.2	Deviations (if any):	NIL		



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
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		4058	ER	WGSCN	15219	24-02-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	150231				150225			
	ii. Frame No.	ASR-963				ASR-873			
	iii. Axle No.	9959		7833		10068		7458	
	iv. Wheel Diameter	917.00	916.50	917.00	917.00	916.50	917.00	917.00	917.00
	v. Wheel Disc No.	10297/207	10269/272	10363/270	10294/212	10305/202	10289/216	10245/294	10206/247
	vi. R.B. Nos.	K2196	K2229	K2176	J1871	K2206	K2222	K2190	K2207
	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)				PEW			
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				NIL			

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1.	SHELL No:	4066	DISPATCH DATE:			11.03.2015	
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15221	
3.	Booked to	SSE/C&W/LILUAH					
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make)			ATUL			
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	VIBGYOR	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORT			
ii.	SEAT & BERTH			SAVITRI			
iii.	WATER TANKS			AMIT			
iv.	PVC			PREMIER POLYFILM			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			KRP			
vii.	WINDOWS			AGF, ABC			
viii.	LAV. DOORS			DHINJAN			
ix)	LP SHEET			LP			
x)	BIO- TOILET			JSL			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
		4066	ER	WGSCN	15211	27-02-2015
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'					

12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150245				150246				
	ii.	Frame No.	ASR-978				ASR-1002				
	iii.	Axle No.	A-5567		8691		A-4197		8119		
	iv.	Wheel Diameter	916.50	917.00	916.50	917.00	916.50	917.00	916.50	917.00	
	v.	Wheel Disc No.	07232/249	06848/370	06966/221	06964/295	06934/378	10162/242	10314/255	10304/290	
	vi.	R.B. Nos.	916.50	917.00	916.50	917.00	K-2146	K-2164	J-1887	J-1915	
	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,AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4072	DISPATCH DATE:			13.03.2015	
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15226	
3.	Booked to	SSE/C&W/LILUAH					
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104		
	viii)	Buffer/CBC (Make)	ATUL				
	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	VIBGYOR	85/85		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	Make ESCORT				
	ii.	SEAT & BERTH	SUKATA				
	iii.	WATER TANKS	RAIL FAB				
	iv.	PVC	PREMIER POLYFILM				
	v.	FLOOR BOARD	TAYAL				
	vi	UIC VESTIBULE	ELASTOMER				
	vii	WINDOWS	AGF, ABC				
	viii	LAV. DOORS	DHINJAN				
	ix)	LP SHEET	NA				
	x)	BIO- TOILET	M K PRECISION				
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4072	ER	WGSCN	15226	03-03-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side					NPP Side			
	i. Bogie No.	150260					150261			
	ii. Frame No.	ASR-1028					ASR-1025			
	iii. Axle No.	P-3325		A-4026		Y-7874		P-6093		
	iv. Wheel Diameter	917.00	917.00	917.00	916.50	917.00	916.50	917.00	916.50	
	v. Wheel Disc No.	10382/295	10330/227	10348/387	10179/382	10209/210	10332/234	10329/383	10303/278	
	vi. R.B. Nos.	J-2194	A-1377	J-2191	J-2180	A-0965	J-2177	J-2293	K-2299	
	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)					PEW,AJT			
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):					NIL			
	ii.	Deviations (if any):					NIL			

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Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4069	DISPATCH DATE:			13.03.2015	
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15224	
3.	Booked to	SSE/C&W/LILUAH					
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1103/1104		
	viii)	Buffer/CBC (Make)	ATUL				
	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	VIBGYOR	85/85		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	Make ESCORT				
	ii.	SEAT & BERTH	SUKATA				
	iii.	WATER TANKS	AMIT				
	iv.	PVC	PREMIER POLYFILM				
	v.	FLOOR BOARD	TAYAL				
	vi	UIC VESTIBULE	KRP				
	vii	WINDOWS	ABC, AGF, NME				
	viii	LAV. DOORS	DHINJAN				
	ix)	LP SHEET	NA				
	x)	BIO- TOILET	ORIENTAL VENEER				
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		4069	ER		WGSCN	15224		26-02-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side					NPP Side			
	i. Bogie No.	150236					150233			
	ii. Frame No.	UBLS-1287					ASR-959			
	iii. Axle No.	RWF-104553		7893		9963		7468		
	iv. Wheel Diameter	917.00	916.50	917.00	916.50	916.50	917.00	916.50	917.00	
	v. Wheel Disc No.	10362/204	10291/385	10261/239	10395/254	09088/215	10306/215	10366/212	10293/273	
	vi. R.B. Nos.	K-2192	K-2130	K-2168	K-2157	K-2197	K-2210	K-2139	J-1878	
	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,PEW			
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):					NIL			
	ii.	Deviations (if any):					NIL			

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Version: 05

1.	SHELL No:	4068	DISPATCH DATE:		14.03.2015			
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15223		
3.	Booked to		SSE/C&W/LILUAH					
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104		1104/1104			
viii)	Buffer/CBC (Make)		ATUL					
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	85/85				
8.2	APPLICATION OF PCN-123		SATISFACTORY					
8.3	INSUALTION		SATISFACTORY					
9.	Traceability of Furnishing Items:		Make					
i.	BRAKE EQUIPMENT		ESCORT					
ii.	SEAT & BERTH		SAVITRI					
iii.	WATER TANKS		AMIT					
iv.	PVC		PREMIER POLYFILM					
v.	FLOOR BOARD		TAYAL					
vi.	UIC VESTIBULE		KRP					
vii.	WINDOWS		ABC, AGF, NME, MACIDONE					
viii.	LAV. DOORS		DHINJAN					
ix)	LP SHEET		NA					
x)	BIO- TOILET		OASIS					
10.	10.1	Modification/ Trial (if any):	NIL					
	10.2	Deviations (if any):	NIL					



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		4068	ER		SCN	15223	26-02-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150239					150238			
	ii.	Frame No.	ASR-699					ASR-991			
	iii.	Axle No.	9771		P-6095		8062		9357		
	iv.	Wheel Diameter	917.00	916.50	916.50	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	10220/260	10298/259	10364/212	10364/379	10366/262	10297/297	10293/243	10375/202	
	vi.	R.B. Nos.	K-2148	K-2154	J-1981	J-1984	J-1979	J-1950	K-2172	K-2152	
	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,AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

WGSCN-4068



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4067	DISPATCH DATE:		16.03.2015		
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15222	
3.	Booked to	SSE/C&W/LILUAH					
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104		1104/1104		
viii)	Buffer/CBC (Make)				JLS		
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	VIBGYOR	85/85			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT				Make ESCORT		
ii.	SEAT & BERTH				SAVITRI		
iii.	WATER TANKS				AMIT		
iv.	PVC				PREMIER POLYFILM		
v.	FLOOR BOARD				TAYAL		
vi.	UIC VESTIBULE				ELASTOMER''''		
vii.	WINDOWS				ABC, AGF, NME, MACIDONE		
viii.	LAV. DOORS				DHINJAN		
ix)	LP SHEET				NA		
x)	BIO- TOILET				OASIS		
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



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12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date		
		4067		ER		SCN		15222		27-02-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
12.2	Wheel & Axle Details:	PP Side					NPP Side					
	i.	Bogie No.	150243					150242				
	ii.	Frame No.	ASR-989					ASR-882				
	iii.	Axle No.	A-5695		L-0181		K-9939		P-5966			
	iv.	Wheel Diameter	917.00	916.50	917.00	917.00	917.00	917.00	916.50	917.00		
	v.	Wheel Disc No.	10293/383	10387/243	10305/220	10287/268	10300/293	10289/246	10308/308	10383/246		
	vi.	R.B. Nos.	J1896	J1891	K2466	K2459	J1977	J1968	J1965	J1956		
	vii.	R.B. Make	NBC		NBC		NBC		NBC			
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing									
12.3	Items Traceability:											
	i.	BRAKE CYLINDER (Make)					AJT					
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE					
12.4	i.	Modification/ Trail (if any):					NIL					
	ii.	Deviations (if any):					NIL					

WGSCN-4067



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4071	DISPATCH DATE:			17.03.2015
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15225
3.	Booked to	SSE/C&W/LILUAH				
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1102	1104/1104	
	viii)	Buffer/CBC (Make)	ATUL			
	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	VIBGYOR	85/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	SUKATA			
	iii.	WATER TANKS	RAIL FAB			
	iv.	PVC	PREMIER POLYFILM			
	v.	FLOOR BOARD	TAYAL			
	vi	UIC VESTIBULE	ELASTOMER			
	vii	WINDOWS	ABC, AGF, MACIDONE			
	viii	LAV. DOORS	DHINJAN			
	ix)	LP SHEET	NA			
	x)	BIO- TOILET	M K PRECISION			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4071		ER		WGSCN		15225		28-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i. Bogie No.	150240					150241				
	ii. Frame No.	ASR-910					ASR-861				
	iii. Axle No.	A-4280		A-4997		8149		A-3980			
	iv. Wheel Diameter	917.00	917.00	917.00	916.50	917.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	08074/ 284	06850/ 266	10303/ 256	10312/ 383	10394/ 205	10308/ 215	08841/ 285	09146/25 4		
	vi. R.B. Nos.	K-2129	K-2151	J-1978	J-1939	K-2150	K-214	J-1951	J-1947		
	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)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

WGSCN-4071



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4073	DISPATCH DATE:			17.03.2015
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15228
3.	Booked to	SSE/C&W/LILUAH				
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1103	1104/1104	
	viii)	Buffer/CBC (Make)	ATUL			
	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	VIBGYOR	85/86	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	SUKATA			
	iii.	WATER TANKS	RAIL FAB			
	iv.	PVC	PREMIER POLYFILM			
	v.	FLOOR BOARD	TAYAL			
	vi.	UIC VESTIBULE	ELASTOMER			
	vii.	WINDOWS	ABC, AGF, MACIDONE			
	viii.	LAV. DOORS	DHINJAN			
	ix)	LP SHEET	NK			
	x)	BIO- TOILET	JSL			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		4073	ER		WGSCN	15228		03-03-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	150258				150257			
	ii.	Frame No.	ASR-885				ASR-988			
	iii.	Axle No.	10141		9688		RWF-105129		A-4006	
	iv.	Wheel Diameter	916.50	917.00	916.50	917.00	917.00	916.50	916.50	916.50
	v.	Wheel Disc No.	10298/248	10208/262	10322/278	10316/211	09138/204	09170/263	10228/286	10387/386
	vi.	R.B. Nos.	J-1919	J-1892	J-2254	J-2251	A-1371	J-2190	A-1335	J-2197
	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)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

WGSCN-4073



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4070	DISPATCH DATE:			17.03.2015
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15227
3.	Booked to	SSE/C&W/LILUAH				
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104	
	viii)	Buffer/CBC (Make)	ATUL			
	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	VIBGYOR	85/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	SUKATA			
	iii.	WATER TANKS	AMIT			
	iv.	PVC	PREMIER POLYFILM			
	v.	FLOOR BOARD	TAYAL			
	vi	UIC VESTIBULE	KRP			
	vii	WINDOWS	ABC, AGF,NME, MACIDONE			
	viii	LAV. DOORS	DHINJAN			
	ix)	LP SHEET	NK			
	x)	BIO- TOILET	M K PRECISION			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		4070		ER		WGSCN		15227		02-02-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	150130				150131				
	ii.	Frame No.	ASR-888				ASR-886				
	iii.	Axle No.	A-4098		RWF-92608		V-9732		U-8536		
	iv.	Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	06934/ 216	04263/ 254	07265/ 235	08933/ 236	08765/ 286	08070/ 369	08941/ 267	08943/23 6	
	vi.	R.B. Nos.	M-0776	M-0754	K-2649	K-2624	K-2644	K-2617	K-2664	K-2662	
	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)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

WGSCN-4070



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4065	DISPATCH DATE:		18.03.2015			
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15220		
3.	Booked to		SSE/C&W/LILUAH					
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104				
viii)	Buffer/CBC (Make)		JLS					
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	85/85				
8.2	APPLICATION OF PCN-123		SATISFACTORY					
8.3	INSUALTION		SATISFACTORY					
9.	Traceability of Furnishing Items:		Make					
i.	BRAKE EQUIPMENT		ESCORT					
ii.	SEAT & BERTH		SAVITRI					
iii.	WATER TANKS		AMIT					
iv.	PVC		PREMIER POLYFILM					
v.	FLOOR BOARD		TAYAL					
vi.	UIC VESTIBULE		ELASTOMER					
vii.	WINDOWS		ABC, AGF,NME, MACIDONE					
viii.	LAV. DOORS		DHINJAN					
ix)	LP SHEET		LP					
x)	BIO- TOILET		OASIS					
10.	10.1	Modification/ Trial (if any):	NIL					
	10.2	Deviations (if any):	NIL					



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.		Dispatch Date		
		4065	ER		WGSCN	15220		31-01-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side					NPP Side			
	i. Bogie No.	150106					150134			
	ii. Frame No.	UBLS-1255					ASR-917			
	iii. Axle No.	5096		P-5913		A-5375		Z-7285		
	iv. Wheel Diameter	917.00	916.50	916.00	916.00	915.50	915.00	917.00	917.00	
	v. Wheel Disc No.	09134/225	09119/275	09140/285	09006/207	03903/247	03653/226	08095/248	08062/219	
	vi. R.B. Nos.	R-272	R-402	R-473	R-316	U-2572	V-1321	V-1269	V-1019	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	Items Traceability:									
	i.	BRAKE CYLINDER (Make)					AJT			
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE			
12.4	i.	Modification/ Trail (if any):					NIL			
	ii.	Deviations (if any):					NIL			

WGSCN-4065



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4075	DISPATCH DATE:			18.03.2015
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15230
3.	Booked to	SSE/C&W/LILUAH				
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)	Buffer/CBC Height	Specified : 1104 +0/-10 mm	1104/1102	1103/1104	
	viii)	Buffer/CBC (Make)	ATUL			
	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	VIBGYOR	85/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORT			
	ii.	SEAT & BERTH	SUKATA			
	iii.	WATER TANKS	RAIL FAB			
	iv.	PVC	PREMIER POLYFILM			
	v.	FLOOR BOARD	TAYAL			
	vi.	UIC VESTIBULE	ELASTOMER			
	vii.	WINDOWS	ABC, AGF,NME, MACIDONE			
	viii.	LAV. DOORS	DHINJAN			
	ix)	LP SHEET	NA			
	x)	BIO- TOILET	OASIS			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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12.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		4075	ER		WGSCN	15230	28-02-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	150226					150247			
	ii.	Frame No.	ASR-965					ASR-995			
	iii.	Axle No.	L-0108		9450		W-3163		RWF-92028		
	iv.	Wheel Diameter	916.50	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	10314/289	10293/285	10303/239	10298/214	06931/254	07222/221	10060/263	08764/240	
	vi.	R.B. Nos.	J-2359	J-2364	K-2204	K-2234	J-2241	J-2242	J-1909	J-2221	
	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,AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	4074	DISPATCH DATE:		19.03.2015		
2.	RAILWAY	ER	Type:	WGSCN	Coach No.:	15229	
3.	Booked to	SSE/C&W/LILUAH					
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)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104			
viii)	Buffer/CBC (Make)	ATUL					
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	85/85			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		ESCORT				
ii.	SEAT & BERTH		SUKATA				
iii.	WATER TANKS		RAIL FAB				
iv.	PVC		PREMIER POLYFILM				
v.	FLOOR BOARD		TAYAL				
vi.	UIC VESTIBULE		ELASTOMER				
vii.	WINDOWS		ABC, AGF, MACIDONE				
viii.	LAV. DOORS		DHINJAN				
ix)	LP SHEET		NA				
x)	BIO- TOILET		ORIENTAL VENEER				
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



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12.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date		
		4074		ER		WGSCN		15229		02-03-2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
12.2	Wheel & Axle Details:	PP Side						NPP Side				
	i.	Bogie No.	150255						150256			
	ii.	Frame No.	ASR-909						ASR-889			
	iii.	Axle No.	9584			9587			4988			
	iv.	Wheel Diameter	916.00	916.00	916.50	916.50	916.50	917.00	917.00	916.50		
	v.	Wheel Disc No.	55654/ 07458	55729/ 07458	53129/ 07364	48271/ 05959	62821/ 08675	62038/ 09259	05950/ 13448	04898/13 975		
	vi.	R.B. Nos.	K-2455	K-2469	J-2210	J-2205	J-2189	J-2173	A-1136	A-1023		
	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)						KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):						NIL				
	ii.	Deviations (if any):						NIL				

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