



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	5027	DISPATCH DATE:			23.06.2015	
2.	RAILWAY	ER	Type:	WGACCN	Coach No.:	15104	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make )			ATUL			
ix)	Draw Gear (Make)			RK			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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	85/85	
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			E C BLADES, RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			TWPL			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			OASIS			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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11.	<b>Bogie Details:</b>	<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
		5027		ER		WGACCN		15104		10-06-2015	
11.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
11.2	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	153288				153294				
	ii.	<b>Frame No.</b>	UBLS-4755				UBLS-4685				
	iii.	<b>Axle No.</b>	A-5443		Y-7732		A-5793		Y-8607		
	iv.	<b>Wheel Diameter</b>	917.00	917.00	915.00	915.00	917.00	917.00	917.00	917.00	
	v.	<b>Wheel Disc No.</b>	12090/274	12056/220	12096/315	10166/216	13092/222	12044/393	1211/275	10703/306	
	vi.	<b>R.B. Nos.</b>	W0405	W1403	W0349	W0374	W0391	W0384	W0402	W0373	
	vii.	<b>R.B. Make</b>	FAG		FAG		FAG		FAG		
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
11.3	<b>Items Traceability:</b>					<b>PP SIDE</b>			<b>NPP SIDE</b>		
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>				AJT-1143,1110			PEW-E-11822,E-12301		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>				K/B-06357,06507			K/B-06631,06741		
11.4	i.	<b>Modification/ Trail (if any):</b>					NIL				
	ii.	<b>Deviations (if any):</b>					NIL				

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Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	5028	DISPATCH DATE:			20.06.2015	
2.	RAILWAY	ER	Type:	WGACCN	Coach No.:	15105	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make )			HEPL			
ix)	Draw Gear (Make)			RK			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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	85/85		
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			E C BLADES, SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			TWPL			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			OASIS			
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		
		5028	ER		WGACCN		15105		11-06-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	153290				153292					
	ii. Frame No.	UBLS-4714				UBLS4728					
	iii. Axle No.	A-3643		A-5262		S-1814		Y-7160			
	iv. Wheel Diameter	916.50	917.00	917.00	917.00	917.00	917.00	916.50	916.50		
	v. Wheel Disc No.	10288/221	10645/205	10353/224	10181/239	07311/209	02101/326	12957/391	12030/263		
	vi. R.B. Nos.	W6675	W0366	W0679	W0383	W1147	W1429	W0380	W0392		
	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-11840,11817			PEW-10834,12332		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-06506,06514			K/B-06495,06369		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	5030	DISPATCH DATE:			23.07.2015	
2.	RAILWAY	ER	Type:	WGACCN	Coach No.:	15106	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make )			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		ADVANCE	85/85		
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			E C BLADES, SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			TWPL			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			ORIENTAL, RAIL TECH			
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	
		5030		ER		WGACCN		15106		11-06-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	153293				153264				
	ii.	Frame No.	UBLS-4723				UBLS-4717				
	iii.	Axle No.	RWF-97858		Y-6923		A-4086		P-9697		
	iv.	Wheel Diameter	917.00	917.00	916.50	916.50	916.00	916.00	917.00	917.00	
	v.	Wheel Disc No.	12002/312	11982/219	12122/233	12074/203	11984/234	11982/236	08174/228	10351/300	
	vi.	R.B. Nos.	W0945	W0886	W0370	W344	X1425	X1432	X1929	X1895	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	vii i.	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>					PP SIDE			NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.				AJT-2417,3601			PEW-9213,9081		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-06425,06499			GAB-10818,10976		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

WGACCN-5030



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	5029	DISPATCH DATE:			24.07.2015	
2.	RAILWAY	ER	Type:	WGACCN	Coach No.:	15107	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make )			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	ADVANCE	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			RCF			
iii.	WATER TANKS			E C BLADES, SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			TWPL			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			AMIT, RAIL TECH			
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	
		5029		ER		WGACCN		15107		11-06-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	153271				153283				
	ii.	Frame No.	UBLS-4690				UBLS-4737				
	iii.	Axle No.	A-3619		A-5051		P-9979		A-3994		
	iv.	Wheel Diameter	916.00	916.00	916.00	916.00	917.00	917.00	917.50	917.00	
	v.	Wheel Disc No.	12075/ 311	12043/ 236	12174/ 247	11986/ 397	10744/ 378	10453/ 273	07232/ 262	10266/ 308	
	vi.	R.B. Nos.	X1372	X0107	X1920	X0025	W1584	W1309	W1551	W1342	
	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-6483,6472			PEW-6467,9134		
	ii.	SECONDARY Shock Absorber Make &NO.				GAB-10979,10797			K/B-00636,00120		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

WGACCN-5029





ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	5038	DISPATCH DATE:			28.07.2015	
2.	RAILWAY	ER	Type:	WGACCN	Coach No.:	15109	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1098/1095	1104/1097		
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		GS	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			SUKATA			
iii.	WATER TANKS			E C BLADES, SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			TWPL			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			JSL			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			



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11.	12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
			5038	ER	WGACCN	15109	18-06-2015			
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.	153232				153282			
		ii. Frame No.	UBLS-4660				UBLS-4746			
		iii. Axle No.	A-3562		A-3981		A-4758		P-3445	
		iv. Wheel Diameter	916.00	916.00	917.00	917.00	917.50	917.00	917.50	917.00
		v. Wheel Disc No.	10147/214	10262/205	10158/210	10376/296	10172/274	10370/270	04042/204	06985/224
		vi. R.B. Nos.	C-2987	C-3325	C-3294	C-3301	W1470	W1463	W1476	W1391
		vii. R.B. Make	NBC		NBC		FAG		FAG	
		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.				PEW-4014,6683		AJT-4008,3990	
		ii.	SECONDARY Shock Absorber Make &NO.				K/B-99966,00563		K/B-00121,00126	
11.4	12.4	i.	Modification/ Trail (if any):				NIL			
		ii.	Deviations (if any):				NIL			

WGACCN-5038



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	5040	DISPATCH DATE:			28.07.2015	
2.	RAILWAY	ER	Type:	WGACCN	Coach No.:	15110	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach :	52.53 T					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	NIL
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make )			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	GS	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			SUKATA			
iii.	WATER TANKS			E C BLADES, RAIL TECH			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			TWPL			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			AMIT, ORIENTAL			
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		
		5040	ER		WGACCN		15110		19-06-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	153280				153281				
	ii.	Frame No.	UBLS-4748				UBLS-4693				
	iii.	Axle No.	A-4259		U-4950		A-3840		A-4537		
	iv.	Wheel Diameter	915.00	915.00	915.00	915.00	916.00	916.00	915.00	915.00	
	v.	Wheel Disc No.	05411/1 3495	16495/1 6685	05452/1 3495	16492/1 6685	16497/1 6685	16446/1 6685	05433/1 3495	05342/134 95	
	vi.	R.B. Nos.	X1350	X-1233	X1397	X1447	W1108	W1089	X1444	W1244	
	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-6525,6517			PEW-7848,7869		
	ii.	SECONDARY Shock Absorber Make & NO.				K/B-00107,00192			K/B-00100,00129		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

WGACCN-5040



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>5036</b>	DISPATCH DATE:			<b>04.08.2015</b>	
2.	RAILWAY	<b>ER</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>15108</b>	
3.	Booked to	<b>SSE/C&amp;W/LILUAH</b>					
4.	Tare Weight of Coach :	<b>52.53 T</b>					
5.	Carrying Capacity :	Seating:	64	Sleeping:	64	Luggage:	<b>NIL</b>
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting			181.5 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1102/1100</b>	<b>1100/1096</b>		
viii)	Buffer/CBC (Make )			<b>HEPL</b>			
ix)	Draw Gear (Make)			<b>EMSON</b>			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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	<b>ADVANCE</b>	<b>85/85</b>		
8.2	APPLICATION OF PCN-123			<b>SATISFACTORY</b>			
8.3	INSUALTION			<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			<b>ESCORTS</b>			
ii.	SEAT & BERTH			<b>SUKATA</b>			
iii.	WATER TANKS			<b>E C BLADES, RAIL TECH</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	UIC VESTIBULE			<b>KRP</b>			
vii.	LAV. DOORS			<b>TWPL</b>			
viii.	LP SHEET			<b>NK</b>			
ix)	BIO- TOILET			<b>M K PRECISION</b>			
10.	10.1	Modification/ Trial (if any):			<b>NIL</b>		
	10.2	Deviations (if any):			<b>NIL</b>		



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
				WGACCN		17-06-2015			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	153265				153284			
	ii. Frame No.	UBLS-4712				UBLS-4745			
	iii. Axle No.	7676		Y-8558		M-6541		A-3734	
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	915.00	915.00	918.00	918.00
	v. Wheel Disc No.	12128/312	11990/380	06888/376	10315/268	10600/389	10737/387	08082/209	06422/274
	vi. R.B. Nos.	X1344	X1404	X1043	X1002	W1246	X1339	W1320	W1447
	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-9091,9072			PEW-7634,9156	
	ii.	SECONDARY Shock Absorber Make &NO.			GAB-10879,10999			K/B-00125,99897	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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