



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6057	DISPATCH DATE:			30.08.16	
2.	RAILWAY	WC	Type:	WGACCN	Coach No.:	16105	
3.	Booked to	SSE/C&W/JBP					
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						
ii)	Maximum length over Body						
iii)	Maximum length over Buffer						
iv)	Maximum width over Body						
v)	Maximum width over Flasher light						
vi)	Minimum height above rail level to the lowest fitting						
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/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		GS	85/86			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					FAVELLY	
ii.	SEAT & BERTH					SAVITRY	
iii.	WATER TANKS					RAIL TECH,KUTEER	
iv.	PVC					RESPONSIVE	
v.	FLOOR BOARD					NARBADA	
vi.	UIC VESTIBULE					FRINKMART	
vii.	LAV. DOORS					GANDHI	
viii.	LP SHEET					PL	
ix)	BIO- TOILET					ORIENTAL	
10.	10.1	Modification/ Trial (if any):					
	10.2	Deviations (if any):					



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		6057	WC	WGACCN	16105	25-08-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163179				163180			
	ii. Frame No.	UBLS-5240				UBLS-5241			
	iii. Axle No.	P-3162		P-3567		P-3203		3405	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	916.00	916.00	917.00	917.00
	v. Wheel Disc No.	19810/227	19818/354	19824/230	90102/285	19369/388	19768/222	18352/326	18371/229
	vi. R.B. Nos.	V-1827	V1828	C-1440	C1423	V1826	V-1933	V1924	V1943
	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-1478,716		PEW-1528,1501		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-6605,6552		GABRIEL-6637,6615		
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:	6058	DISPATCH DATE:			02.09.16	
2.	RAILWAY	WC	Type:	WGACCN	Coach No.:	16106	
3.	Booked to	SSE/C&W/JBP					
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						
ii)	Maximum length over Body						
iii)	Maximum length over Buffer						
iv)	Maximum width over Body						
v)	Maximum width over Flasher light						
vi)	Minimum height above rail level to the lowest fitting						
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1100/1102	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/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			GS	85/86		
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORT			
ii.	SEAT & BERTH			RCF MADE			
iii.	WATER TANKS			RAIL FAB,KUTEER			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			FRINKMART			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PL			
ix)	BIO- TOILET			ORIENTAL			
10.	10.1	Modification/ Trial (if any):					
	10.2	Deviations (if any):					



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		6058	WC		WGACCN		16106		25-08-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	163173				163167					
	ii. Frame No.	UBLS-5232				UBLS-5218					
	iii. Axle No.	A-4351		P-3751		2702		1806			
	iv. Wheel Diameter	916.50	916.00	917.00	916.50	917.00	917.00	916.50	916.00		
	v. Wheel Disc No.	13840/ 15478	35593/ 02908	36072/ 03063	35980/ 03063	32925/ 03452	33234/ 03162	33127/ 03413	33143/03 162		
	vi. R.B. Nos.	C-1502	C-1495	C-1470	C1484	C-0700	C-0701	C-1023	C-0986		
	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-1614,1541			PEW-1528,1590		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-6615,6565			ESCORTS-6113,5814		
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:	6051	DISPATCH DATE:			18.08.16	
2.	RAILWAY	wc	Type:	WGACCN	Coach No.:	16101	
3.	Booked to	SSE/C&W/JBP					
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						
ii)	Maximum length over Body						
iii)	Maximum length over Buffer						
iv)	Maximum width over Body						
v)	Maximum width over Flasher light						
vi)	Minimum height above rail level to the lowest fitting						
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104			
viii)	Buffer/CBC (Make)	HEPL/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		APEX	85/85			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					ESCORT	
ii.	SEAT & BERTH					SAVITRY	
iii.	WATER TANKS					SHIVALIK,MANOJ	
iv.	PVC					RESPONSIVE	
v.	FLOOR BOARD					TAYAL	
vi.	UIC VESTIBULE					KRP	
vii.	LAV. DOORS					GANDHI	
viii.	LP SHEET					---	
ix)	BIO- TOILET					OMAX	
10.	10.1	Modification/ Trial (if any):					
	10.2	Deviations (if any):					



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		6051	WC	WGACCN	16101	11-08-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163164				163171			
	ii. Frame No.	UBLS-5217				UBLS-5220			
	iii. Axle No.	K-8169		1808		M-9178		2999	
	iv. Wheel Diameter	916.50	916.00	915.00	915.00	917.50	917.00	916.50	916.50
	v. Wheel Disc No.	33097/ 03413	33151/ 03162	33133/ 03162	33204/ 03162	32934/ 03452	32927/ 03452	33039/ 03413	33095/03 413
	vi. R.B. Nos.	C-0828	C-0980	C-0846	C-0849	C-0730	C-0715	V2060	V2059
	vii. R.B. Make	NBC		NBC		NBC		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-1458,1562		PEW-1585,1500		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-5720,5838		ESCORTS-5849,6207		
11.4	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:	6052	DISPATCH DATE:			24.08.16	
2.	RAILWAY	WC	Type:	WGACCN	Coach No.:	16103	
3.	Booked to	SSE/C&W/JBP					
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						
ii)	Maximum length over Body						
iii)	Maximum length over Buffer						
iv)	Maximum width over Body						
v)	Maximum width over Flasher light						
vi)	Minimum height above rail level to the lowest fitting						
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1102	1102/1104			
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		VIBGYOR	85/85			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT				Make ESCORT		
ii.	SEAT & BERTH				SAVITRY		
iii.	WATER TANKS				SHIVALIK,KUTEER		
iv.	PVC				RESPONSIVE		
v.	FLOOR BOARD				TAYAL		
vi.	UIC VESTIBULE				FRINKMART		
vii.	LAV. DOORS				GANDHI		
viii.	LP SHEET				---		
ix)	BIO- TOILET				RAIL FAB		
10.	10.1	Modification/ Trial (if any):					
	10.2	Deviations (if any):					



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		6052	WC		WGACCN		16103		17-08-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	163174				163176					
	ii. Frame No.	UBLS-5233				UBLS-5224					
	iii. Axle No.	K-4373		U-7153		2687		RWF-105431			
	iv. Wheel Diameter	916.50	916.00	917.00	917.00	917.00	916.50	917.00	917.00		
	v. Wheel Disc No.	19622/279	19627/253	18318/235	20147/297	19673/237	18351/390	20073/295	20148/382		
	vi. R.B. Nos.	X0011	X0017	C-1428	C-1405	C-0999	C-0708	V1926	V1932		
	vii. R.B. Make	FAG		NBC		NBC		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-K-1466,K1464			PEW-1474,1587		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-6603,6611			GABRIEL -6610,6608		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	शैल सं. SHELL No: 6053	डिस्पैच तिथि	DISPATCH DATE:	24.08.2016
2.	रेलवे RAILWAY WCR	Type: WGACCN	Coach No.:	16104
3.	को बुक किया गया Booked to	SSE/C&W/JBP		
4.	खाली भार Tare Weight of Coach :	36.99T		
5.	वहन क्षमता Carrying Capacity	सीटें Seating 90	शायिका Sleeping	सामान Luggage: NIL
6.	शैल का विवरण Shell Details: (SG-90004 alt 'b')			
6.1	प्रमुख आयाम Leading Dimensions:			
i)	Maximum height above rail to top of Roof ventilator रेल से रूफ वेंटीलेटर के टॉप तक अधिकतम ऊंचाई	4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
ii)	बॉडी की अधिकतम लंबाई Maximum length over Body	21337 ± 10		
iii)	बफर की अधिकतम लंबाई Maximum length over Buffer	22297 ± 15		
iv)	बॉडी की अधिकतम चौड़ाई Maximum width over Body	3245 ± 5		
v)	फ्लैशर लाइट की अधि. ऊंचाई Maximum width over Flasher light	3402 +0/-5		
vi)	सबसे निचली फिटिंग से रेल लेवल की न्यूनतम ऊंचाई Minimum height above rail level to the lowest fitting	200 mm		
vii)	बफर Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1098/1100	1104/1104
viii)	बफर /सीबीसी (मेक) Buffer/CBC (Make)	ATUL		
ix)	ड्रा गियर (मेक) Draw Gear (Make)	RK		
7.	एअर ब्रेक जांच Air Brake Testing:			
	विवरण Description		विनिर्दिष्ट Specified	
7.1	आपातकाल एप्लीकेशन Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC Brake release time to reach .4 Kg/cm ²	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type) Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)	
7.2	तीव्रता Insensitivity BP dipped @ 0.30 Kg/cm ² n 60 sec	No brake application		
7.3	संवेदनशीलता Sensitivity BP dipped @ 0.60 Kg/cm ² in 6sec	Brakes "ON"		
7.4	चेन खींचने पर यात्री अलार्म Passenger alarm by pulling chain	BP Blasts out, Brakes "ON"		
7.5	पिस्टन स्ट्रोक Piston stroke for BMBC type coach only	19 +10/-0 mm (NAC)		
8.	पेंट का विवरण PAINTING DEATAILS:			
	पेंट का प्रकार TYPE OF PAINT		मेक MAKE	AVERAGE GLOSS VALUE
8.1	पेंट PAINT	पीयू पेंट PU PAINT	VIBGYOR	86/85
8.2	पीसीएन 123 की एप्लीकेशन APPLICATION OF PCN-123	संतोषजनक SATISFACTORY		
8.3	इंसुलेशन INSUALTION	संतोषजनक SATISFACTORY		
9.	फर्निशिंग मदों संबंधी जानकारी Traceability of Furnishing Items:			मेक Make
i.	ब्रेक उपकरण BRAKE EQUIPMENT			ESCORT
ii.	सीट एंड बर्थ SEAT & BERTH			CPF
iii.	वाटर टैंक WATER TANKS			RUBICONE,AMIT
iv.	पीवीसी PVC			RESPONSIVE
v.	फ्लोर बोर्ड FLOOR BOARD			TAYAL
vi.	खिड़कियां WINDOWS			AGF,ABC, MECIDON
vii.	एलएवी डोर LAV. DOORS			TWPL
viii.	एलपीशीट LP SHEET			PUNJAB LAMINATE
ix)	बायो टॉयलेट BIO- TOILET			RAIL TECH
10.	10.1	मॉडीफिकेशन/ट्रायल (यदि कोई हो) Modification / Trail (if any):		NIL
	10.2	डेविएशन यदि कोई हो Deviations if any:		NIL



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11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		6053	WC		WGACCN	16104	24-08-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	163177				163178				
	ii.	Frame No.	UBLS-5236				UBLS-5239				
	iii.	Axle No.	P-3745		RWF-110400		A-5346		P-3710		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	916.00	916.00	917.00	917.00	
	v.	Wheel Disc No.	19819/317	18143/391	19679/331	19826/278	19760/315	19639/332	20038/316	18371/242	
	vi.	R.B. Nos.	V1856	V1844	C-1351	C-1369	V1799	V1860	V1934	V1797	
	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-1588,1480			PEW-1484,1548		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-6550,6587			GABRIEL-6590,6567		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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