



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:	6028	डिस्पैच तिथि	DISPATCH DATE:	28.02.2017	
2.	रेलवे RAILWAY	NR	Type:	GSSD	Coach No.:	163496
3.	को बुक किया गया Booked to	SSE/C&W/LKO				
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	1102	1102		
viii)	बफर /सीबीसी (मेक) Buffer/CBC (Make)	ESCORTS				
ix)	ड्रा गियर (मेक) Draw Gear (Make)					
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	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	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	GS	85/85		
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				KBI	
ii.	सीट एंड बर्थ SEAT & BERTH				OVPL	
iii.	वाटर टैंक WATER TANKS				AMIT	
iv.	पीवीसी PVC				RESPONSIVE	
v.	फ्लोर बोर्ड FLOOR BOARD				TWPL	
vi.	खिड़कियां WINDOWS				ABC,AGF, MECIDON	
vii.	एलएवी डोर LAV. DOORS				TWPL	
viii.	एलपीशीट LP SHEET				PUNJAB LAMINATE	
ix)	बायो टॉयलेट BIO- TOILET				OMAX	
10.	10.1	मॉडिफिकेशन/ट्रायल (यदि कोई हो) Modification / Trail (if any):			NIL	
	10.2	डेविएशन यदि कोई हो Deviations if any:			NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date	
		6028		NR		GS(DEEN DYALU)		163496		17-02-2017	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	170130				170131				
	ii.	Frame No.	ASR-928				ASR-644				
	iii.	Axle No.	9318		5832		J-9094		5536		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	20152/ 245	20101/ 343	18280/ 202	18359/ 207	18341/ 329	18205/ 205	18298/ 297	18345/28 1	
	vi.	R.B. Nos.	K0092	K0066	L0172	K0029	K0003	K0041	K0026	K0035	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	Items Traceability:					PP SIDE			NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.				PEW-0144,0181			PEW-15010,0076		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-2124,1593			GABRIEL-2120,1642		
11.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				



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:	6025	डिस्पैच तिथि	DISPATCH DATE:	23.02.2017	
2.	रेलवे RAILWAY	NR	Type:	GSSD	Coach No.:	163494
3.	को बुक किया गया Booked to	SSE/C&W/LKO				
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	1104	1104	
viii)	बफर /सीबीसी (मेक) Buffer/CBC (Make)			ESCORTS		
ix)	ड्रा गियर (मेक) Draw Gear (Make)					
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		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	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		GS	85/85	
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				KBI	
ii.	सीट एंड बर्थ SEAT & BERTH				OVPL	
iii.	वाटर टैंक WATER TANKS				AMIT	
iv.	पीवीसी PVC				RESPONSIVE	
v.	फ्लोर बोर्ड FLOOR BOARD				TWPL	
vi.	खिड़कियां WINDOWS				ABC, MECIDON	
vii.	एलएवी डोर LAV. DOORS				TWPL	
viii.	एलपीशीट LP SHEET				PUNJAB LAMINATE	
ix)	बायो टॉयलेट BIO- TOILET				OMAX	
10.	10.1	मॉडिफिकेशन/ट्रायल (यदि कोई हो) Modification / Trail (if any):			NIL	
	10.2	डेविएशन यदि कोई हो Deviations if any:			NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date			
		6025	NR		GS(DEEN DYALU)	163494	16-02-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	170127				170126				
	ii. Frame No.	ASR-744				ASR-799				
	iii. Axle No.	8596		8575		5032		8325		
	iv. Wheel Diameter	918.00	918.00	917.00	917.00	918.00	918.00	917.00	917.00	
	v. Wheel Disc No.	19809/336	18841/334	20701/340	20115/235	20116/265	19685/283	20152/389	20089/244	
	vi. R.B. Nos.	L0136	K0147	K0361	K0363	L0166	L0169	K0258	K0247	
	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-0081,0003		PEW-0046,001		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-1834,1836		GABRIEL-1837,1838		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	शेल सं. SHELL No:	6027	डिस्पैच तिथि	DISPATCH DATE:	28.02.2017
2.	रेलवे RAILWAY NR	Type:	GSSD	Coach No.:	163497
3.	को बुक किया गया Booked to	SSE/C&W/LKO			
4.	खाली भार Tare Weight of Coach :	36.99T			
5.	वहन क्षमता Carrying Capacity	सीटें Seating	90	शायिका Sleeping	सामान Luggage: NIL
6.	शेल 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		1104	1104
viii)	बफर /सीबीसी (मेक) Buffer/CBC (Make)			ESCORTS	
ix)	ड्रा गियर (मेक) Draw Gear (Make)				
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		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	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		GS	85/86
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				KBI
ii.	सीट एंड बर्थ SEAT & BERTH				OVPL
iii.	वाटर टैंक WATER TANKS				AMIT
iv.	पीवीसी PVC				RESPONSIVE
v.	फ्लोर बोर्ड FLOOR BOARD				TWPL
vi.	खिड़कियां WINDOWS				ABC, MECIDON
vii.	एलएवी डोर LAV. DOORS				TWPL
viii.	एलपीशीट LP SHEET				PUNJAB LAMINATE
ix)	बायो टॉयलेट BIO- TOILET				OMAX
10.	10.1	मॉडिफिकेशन/ट्रायल (यदि कोई हो) Modification / Trail (if any):			NIL
	10.2	डेविएशन यदि कोई हो Deviations if any:			NIL



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.		Railway		Type		Coach No.		Dispatch Date		
		6027		NR		GS(DEEN DYALU)		163497		18-02-2017		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
11.2	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	170134					170135				
	ii.	Frame No.	ASR-497					ASR-920				
	iii.	Axle No.	8983		S-8284			7740		8373		
	iv.	Wheel Diameter	917.50	917.00	917.00	917.00	918.00	918.00	918.00	918.00		
	v.	Wheel Disc No.	19571/ 265	19848/ 249	19564/ 225	19663/ 331	18189/ 277	19776/ 335	19567/ 278	21203/33 0		
	vi.	R.B. Nos.	L0198	L0210	J4313	K0053	K0010	K0018	L0182	L0168		
	vii.	R.B. Make	NBC		NBC			NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing									
11.3	Items Traceability:					PP SIDE			NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.					PEW-E16083,E15099			PEW-E12141,E12113		
	ii.	SECONDARY Shock Absorber Make &NO.					GABRIEL-2223,1882			GABRIEL-1985,1881		
11.4	i.	Modification/ Trail (if any):					NIL					
	ii.	Deviations (if any):					NIL					



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6018	DISPATCH DATE:			18.02.2017
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	163488
3.	Booked to	SSE/C&W/ LKO				
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/cm2 of BC	Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm2	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec	No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec	Brakes "ON"		
	7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"		
	7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)		
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	VIBGYOR	85/86	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
	i.	BRAKE EQUIPMENT		KBI		
	ii.	SEAT & BERTH		OVPL		
	iii.	WATER TANKS		AMIT		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		TWPL		
	vi.	WINDOWS		ABC, MECIDON		
	vii.	LAV. DOORS		TWPL		
	viii.	LP SHEET		PUNJAB LAMINATE		
	ix)	BIO- TOILET		OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		6018	NR	GS _(DEEN DYAL)	143488	07-02-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	170113				170114			
	ii. Frame No.	ASR-973				ASR-448			
	iii. Axle No.	8876		8583		5758		5803	
	iv. Wheel Diameter	917.00	917.00	917.00	918.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	20115/ 393	19875/ 351	20036/ 299	19557/ 244	19687/ 396	19716/ 329	19563/ 231	20060/28 5
	vi. R.B. Nos.	L0228	L0221	K0122	K0146	L0129	L0137	L0128	L0112
	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-E0043,E0171			PEW-E0079,E0073	
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-2077,1630			GABRIEL-2028,1993	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	शेल सं. SHELL No:	6023	डिस्पैच तिथि	DISPATCH DATE:	18.02.2017
2.	रेलवे RAILWAY NR	Type:	GSSD	Coach No.:	163492
3.	को बुक किया गया Booked to	SSE/C&W/LKO			
4.	खाली भार Tare Weight of Coach :	36.99T			
5.	वहन क्षमता Carrying Capacity	सीटें Seating	90	शायिका Sleeping	सामान Luggage: NIL
6.	शेल 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	1102	1104	
viii)	बफर /सीबीसी (मेक) Buffer/CBC (Make)	ESCORT 2016			
ix)	ड्रा गियर (मेक) Draw Gear (Make)	---			
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	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	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	GS	85/85	
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				KBI
ii.	सीट एंड बर्थ SEAT & BERTH				OVPL
iii.	वाटर टैंक WATER TANKS				AMIT
iv.	पीवीसी PVC				RESPONSIVE
v.	फ्लोर बोर्ड FLOOR BOARD				TWPL
vi.	खिड़कियां WINDOWS				ABC, MECIDON
vii.	एलएवी डोर LAV. DOORS				TWPL
viii.	एलपीशीट LP SHEET				PUNJAB LAMINATE
ix)	बायो टॉयलेट BIO- TOILET				OMAX
10.	10.1	मॉडीफिकेशन/ट्रायल (यदि कोई हो) Modification / Trail (if any):			NIL
	10.2	डेविएशन यदि कोई हो Deviations if any:			NIL



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date		
		6023	NR		GSDD	163492	28-12-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	161342				161338			
	ii. Frame No.	RBO-2291				RBO-2297			
	iii. Axle No.	K-4256		4948		S-8410		K-4290	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	20110/3 49	19820/2 29	20071/2 48	20124/3 91	18363/3 96	19655/2 14	19822/3 91	20076/223
	vi. R.B. Nos.	G0267	G0225	J0123	J0133	F3187	F3165	F3185	F3181
	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-9432,9506		PEW-9411,9454		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-4427,4425		GABRIEL-4189,4639		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	शेल सं. SHELL No:	6024	डिस्पैच तिथि	DISPATCH DATE:	22.02.2017
2.	रेलवे RAILWAY NR	Type:	GSSD	Coach No.:	163493
3.	को बुक किया गया Booked to	SSE/C&WLKO			
4.	खाली भार Tare Weight of Coach :	36.99T			
5.	वहन क्षमता Carrying Capacity	सीटें Seating	90	शायिका Sleeping	सामान Luggage: NIL
6.	शेल 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		1104	1104
viii)	बफर /सीबीसी (मेक) Buffer/CBC (Make)			ESCORT 2016	
ix)	ड्रा गियर (मेक) Draw Gear (Make)			---	
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		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	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		GS	85/86
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				KBI
ii.	सीट एंड बर्थ SEAT & BERTH				OVPL
iii.	वाटर टैंक WATER TANKS				AMIT
iv.	पीवीसी PVC				RESPONSIVE
v.	फ्लोर बोर्ड FLOOR BOARD				TWPL
vi.	खिड़कियां WINDOWS				ABC, MECIDON
vii.	एलएवी डोर LAV. DOORS				TWPL
viii.	एलपीशीट LP SHEET				PUNJAB LAMINATE
ix)	बायो टॉयलेट BIO- TOILET				OMAX
10.	10.1	मॉडीफिकेशन/ट्रायल (यदि कोई हो) Modification / Trail (if any):			NIL
	10.2	डेविएशन यदि कोई हो Deviations if any:			NIL



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		6024	NR		GS(DEEN DYALU)	163493	14-02-2017				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Ait 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	170122				170121				
	ii.	Frame No.	ASR-768				ASR-770				
	iii.	Axle No.	V-2705		7729		5661		8752		
	iv.	Wheel Diameter	918.00	918.00	917.50	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	19552/3 42	16666/2 06	20122/3 37	20161/3 34	18287/3 86	18787/3 25	18375/3 19	19727/253	
	vi.	R.B. Nos.	H3024	H3095	L0350	L0181	L0357	L0331	K0219	L0325	
	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-0044,0065			PEW-0111,0113		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-1861,1955			GABRIEL-2078,2073		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	शेल सं. SHELL No:	6026	डिस्पैच तिथि	DISPATCH DATE:	23.02.2017
2.	रेलवे RAILWAY NR	Type:	GSSD	Coach No.:	163495
3.	को बुक किया गया Booked to	SSE/C&W/LKO			
4.	खाली भार Tare Weight of Coach :	36.99T			
5.	वहन क्षमता Carrying Capacity	सीटें Seating	90	शायिका Sleeping	सामान Luggage: NIL
6.	शेल 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	1104	1104	
viii)	बफर /सीबीसी (मेक) Buffer/CBC (Make)	ESCORT2016			
ix)	ड्रा गियर (मेक) Draw Gear (Make)	--			
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	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	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	GS	85/85	
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				KBI
ii.	सीट एंड बर्थ SEAT & BERTH				OVPL
iii.	वाटर टैंक WATER TANKS				AMIT
iv.	पीवीसी PVC				RESPONSIVE
v.	फ्लोर बोर्ड FLOOR BOARD				TWPL
vi.	खिड़कियां WINDOWS				ABC, MECIDON
vii.	एलएवी डोर LAV. DOORS				TWPL
viii.	एलपीशीट LP SHEET				PUNJAB LAMINATE
ix)	बायो टॉयलेट BIO- TOILET				MOHAN
10.	10.1	मॉडीफिकेशन/ट्रायल (यदि कोई हो) Modification / Trail (if any):			NIL
	10.2	डेविएशन यदि कोई हो Deviations if any:			NIL



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date			
		6026	NR		GS(DEEN DYALU)	163495	16-02-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	170128				170125			
	ii.	Frame No.	ASR-874				ASR-451			
	iii.	Axle No.	8771		8555		8317		5531	
	iv.	Wheel Diameter	917.00	917.00	918.00	918.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	20056/339	22046/222	19662/315	20112/203	19582/215	19541/336	18278/330	19548/339
	vi.	R.B. Nos.	K0366	K0339	L0150	K0135	H3023	L0175	L0163	L0213
	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-E0159,E0129		PEW-E14926,E0160		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-1857,2230		GABRIEL-1682,1765		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6016	DISPATCH DATE:			13.02.2017	
2.	RAILWAY	NR	Type:	GSD	Coach No.:	163487	
3.	Booked to	SSE/C&W/ LKO					
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		1100	1102		
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		VIBGYOR	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			
vi.	WINDOWS			ABC, MECIDON			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			OMAX AUTO L;TD.			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		6016	NR		GS(DEEN DYALU)	163487	11-01-2017				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	170026				170028				
	ii.	Frame No.	ASR-943				ASR-936				
	iii.	Axle No.	M-8858		S-8914		S-0325		RWF-112198		
	iv.	Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	19633/ 333	20053/ 307	20132/ 346	21345/ 223	19778/ 348	19713/ 214	19663/ 397	19713/31 7	
	vi.	R.B. Nos.	K0078	K0075	K0091	K0095	K0436	K0480	K0438	K0463	
	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-10357,10307		PEW-E10061,E10210			
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-1525,1965		GABRIEL-1515,1546			
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

Rail Coach Factory , Kapurthala



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6021	DISPATCH DATE:		15.02.2017		
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	163490	
3.	Booked to	SSE/C&W/ LKO					
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	1102	1100		
	viii)	CBC (Make)	ESCORT				
	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	VIBGYOR	85/85		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						
	i.	BRAKE EQUIPMENT	Make KBI				
	ii.	SEAT & BERTH	OVPL				
	iii.	WATER TANKS	AMIT				
	iv.	PVC	RESPONSIVE				
	v.	FLOOR BOARD	TWPL				
	vi.	WINDOWS	M, M,ABC,M				
	vii.	LAV. DOORS	TWPL				
	viii.	LP SHEET	PUNJAB LAMINATE				
	ix)	BIO- TOILET	OMAX AUTO L;TD.				
10.	10.1	Modification/ Trial (if any):	NIL				
	10.2	Deviations (if any):	NIL				



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date			
		6021	NR		GSDD	163490	03-01-2017			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	161188				161355				
	ii. Frame No.	ASR-828				TEXMACO-47				
	iii. Axle No.	S-8193		M-9490		RWF-111874		RWF-111728		
	iv. Wheel Diameter	917.00	917.00	916.50	917.00	917.00	917.00	916.00	916.00	
	v. Wheel Disc No.	19764/22 5	20142/31 2	19084/3 25	19092/24 3	20048/39 84	19701/27 1	21260/28 3	19719/207	
	vi. R.B. Nos.	K0206	K0197	L0467	F3359	F3201	F3219	F3226	J0177	
	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-2388,2226		PEW-9470,9410		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-1915,2142		GABRIEL-4341,4336		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6022		DISPATCH DATE:		16.02.2017		
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	163491		
3.	Booked to	SSE/C&W/ LKO						
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		1102	1104		
	viii)	CBC (Make)		ESCORT				
	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		VIBGYOR	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			
	vi.	WINDOWS			M, M,ABC,M			
	vii.	LAV. DOORS			TWPL			
	viii.	LP SHEET			PUNJAB LAMINATE			
	ix)	BIO- TOILET			OMAX AUTO L;TD.			
10.	10.1	Modification/ Trial (if any):					NIL	
	10.2	Deviations (if any):					NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		6022	NR	GSDD	163491	23-12-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	161346				161348			
	ii. Frame No.	ASR-455				TEXMACO-41			
	iii. Axle No.	S-8785		K-5126		K-7181		RWF-111686	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	20781/984	20986/238	19933/378	21360/315	19550/335	20040/349	19999/297	19584/383
	vi. R.B. Nos.	J0210	J0206	F3199	F3205	F3233	F3212	F3224	F3197
	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-9487,682		PEW-9457,8479		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-4642,4647		GABRIEL-4641,4640		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

1.	SHELL No:	6020	DISPATCH DATE:			15.02.2017	
2.	RAILWAY	NR	Type:	GSDD	Coach No.:	163489	
3.	Booked to	SSE/C&W/ LKO					
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		1100	1098		
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		VIBGYOR	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			TWPL			
vi.	WINDOWS			M, M,ABC/M,M			
vii.	LAV. DOORS			TWPL			
viii.	LP SHEET			PUNJAB LAMINATE			
ix)	BIO- TOILET			OMAX AUTO L;TD.			
10.	10.1	Modification/ Trial (if any):		NIL			
	10.2	Deviations (if any):		NIL			



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date				
		6020	NR		GS(DEEN DYALU)	163489	07-02-2017				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	170112					170111			
	ii.	Frame No.	RBO-2348					RBO-2351			
	iii.	Axle No.	8273		8283		8556		8056		
	iv.	Wheel Diameter	917.00	917.00	918.00	918.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	20061/ 225	19687/ 263	19804/ 210	22071/ 323	18376/ 397	19880/ 248	20161/ 345	19874/34 0	
	vi.	R.B. Nos.	K0150	L0240	L0149	K0148	K0367	K0334	L0260	L0253	
	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-E0032,E0097		PEW-E0084,E0048			
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-2030,1797		GABRIEL-1994,2074			
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					