



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>6013</b>	DISPATCH DATE:			<b>29.09.2016</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>163102</b>	
3.	Booked to	<b>SSE/C&amp;W/NDLS</b>					
4.	Tare Weight of Coach :	<b>52.53 T</b>					
5.	Carrying Capacity :	Seating:	<b>64</b>	Sleeping:	<b>64</b>	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						
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	<b>1100/1104</b>	<b>1104/1104</b>			
viii)	Buffer/CBC (Make )			<b>HEPL</b>			
ix)	Draw Gear (Make)			<b>RK</b>			
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			<b>NAROLACK</b>	<b>85/86</b>		
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			<b>ESCORT</b>			
ii.	SEAT & BERTH			<b>OVPL</b>			
iii.	WATER TANKS			<b>KUTEER,SHIVALIK</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>NARBADA</b>			
vi.	UIC VESTIBULE			<b>FRINKMART</b>			
vii.	LAV. DOORS			<b>GANDHI</b>			
viii.	LP SHEET			<b>PL</b>			
ix.	BIO- TOILET			<b>ORIENTAL</b>			
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				
		6013	NR	MWACCN	163102	13-08-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	163158				163161				
	ii. Frame No.	UBLS-5231				UBLS-5235				
	iii. Axle No.	M-9728		3126		RWF-86815		P-3360		
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	19645/248	19686/378	15328/223	18316/328	18313/272	18275/310	20080/348	19828/324	
	vi. R.B. Nos.	C-0836	C-0860	V1836	V-1869	V1928	V1942	V1868	V1900	
	vii. R.B. Make	NBC		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-K1619,K1495		PEW-K1536,K1580		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-5913,5976		ESCORTS-6076,6148		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

MWACCN-6013



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Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	6003	DISPATCH DATE:			30.09.2016	
2.	RAILWAY	NR	Type:	MWACCN	Coach No.:	163103	
3.	Booked to	SSE/C&W/NDLS					
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	1094/1104	1104/1104			
viii)	Buffer/CBC (Make )	HEPL					
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		NAROLACK	87/88			
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		AMIT,SHIVALIK				
iv.	PVC		PREMIER POLYFILM				
v.	FLOOR BOARD		NARBADA				
vi.	UIC VESTIBULE		FRINKMART				
vii.	LAV. DOORS		GANDHI				
viii.	LP SHEET		PL				
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			
		6003		MWACCN	163103	12-08-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163170				163172			
	ii. Frame No.	UBLS-5216				UBLS-5238			
	iii. Axle No.	3079		P-3575		M-7471		M-7511	
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	32915/ 03452	33080/ 03413	32815/ 03452	33020/ 03413	26759/ 01728	33137/ 03162	33098/ 03413	33268/03 162
	vi. R.B. Nos.	V-1602	V-2030	V1977	V2026	V2100	V2101	V1637	V2029
	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-1490,1478		PEW-K1477,K1546		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-5894,5750		ESCORTS-5986,5682		
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:	6001	DISPATCH DATE:			17.10.16	
2.	RAILWAY	NR	Type:	MWACCN	Coach No.:	163113	
3.	Booked to	SSE/C&W/NDLS					
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	1100/1104	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			NAROLACK	85/86		
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT			Make ESCORT			
ii.	SEAT & BERTH			SUKATA			
iii.	WATER TANKS			AMIT,MANOJ,RAIL TECH,SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			FRINKMART			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
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			
		6001	NR	MWACCN	163113	01-09-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163187				163189			
	ii. Frame No.	UBLS-5260				UBLS-5265			
	iii. Axle No.	M-9717		RWF-105493		RWF-90895		3198	
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	917.50	917.00
	v. Wheel Disc No.	18650/386	19805/327	18175/382	19754/388	19825/334	19701/391	19812/237	20108/322
	vi. R.B. Nos.	V1521	V1551	U2465	U2491	C1485	C1501	V1079	V-1293
	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-13030,13047			PEW-1624,1603	
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-5743,5747			GABRIEL-6811,6433	
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

MWACCN-6001



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	6008	DISPATCH DATE:			17.10.16	
2.	RAILWAY	NR	Type:	MWACCN	Coach No.:	163110	
3.	Booked to	SSE/C&W/NDLS					
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	1094/1094	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		NAROLACK	86/87			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		FAVELLY				
ii.	SEAT & BERTH		SAVITRI				
iii.	WATER TANKS		KUTEER, SHIVALIK				
iv.	PVC		RESPONSIVE				
v.	FLOOR BOARD		NARBADA				
vi.	UIC VESTIBULE		FRINKMART				
vii.	LAV. DOORS		GANDHI				
viii.	LP SHEET		--				
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				
		6008	NR	MWACCN	163110	16-08-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	163169				163166				
	ii. Frame No.	UBLS-5228				UBLS-5221				
	iii. Axle No.	3323		M-7557		Y-7234		M-8226		
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	916.00	916.00	916.50	916.00	
	v. Wheel Disc No.	33126/ 03413	32880/ 03452	32982/ 03413	33104/ 03413	04208/ 13078	10630/ 14639	33231/ 03162	32942/03 452	
	vi. R.B. Nos.	V2034	V2064	C-0864	C-0822	W2796	W2787	U1916	U1917	
	vii. R.B. Make	FAG		NBC		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-K1476,K0515		PEW-K1610,K1641		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-5869,5962		ESCORTS-5728,5722		
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:	<b>6007</b>	DISPATCH DATE:			<b>17.10.16</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>163109</b>	
3.	Booked to	<b>SSE/C&amp;W/NDLS</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						
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	<b>1104/1104</b>	<b>1104/1104</b>			
viii)	Buffer/CBC (Make )			<b>HEPL</b>			
ix)	Draw Gear (Make)			<b>RK</b>			
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			<b>NAROLACK</b>	<b>85/86</b>		
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT			Make <b>FAVELLY</b>			
ii.	SEAT & BERTH			<b>SAVITRI</b>			
iii.	WATER TANKS			<b>KUTEER, RAIL FAB</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>NARBADA</b>			
vi.	UIC VESTIBULE			<b>FRINKMART</b>			
vii.	LAV. DOORS			<b>GANDHI</b>			
viii.	LP SHEET			<b>PUNJAB LAMINATE</b>			
ix)	BIO- TOILET			<b>ORIENTAL</b>			
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				
		6007	NR	MWACCN	163109	01-09-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	163183				163188				
	ii. Frame No.	UBLS-5245				UBLS-5253				
	iii. Axle No.	RWF-84696		P-3137		M-9924		N-0032		
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	916.50	917.00	917.00	917.00	
	v. Wheel Disc No.	35465/02959	33019/03413	13767/15778	33084/03413	36064/03063	34450/02959	33154/03162	35563/02908	
	vi. R.B. Nos.	U2136	U2102	V1497	V1503	C1488	C1497	V1425	V1418	
	vii. R.B. Make	FAG		FAG		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-1492,1503		PEW-1548,1545		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-6256,4252		ESCORTS-5810,6048		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

MWACCN-6007



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>6004</b>	DISPATCH DATE:			<b>17.10.16</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>163101</b>	
3.	Booked to	<b>SSE/C&amp;W/NDLS</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						
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	<b>1100/1104</b>	<b>1104/1104</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			<b>NAROLACK</b>	<b>87/88</b>		
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			<b>ESCORT</b>			
ii.	SEAT & BERTH			<b>SAVITRI</b>			
iii.	WATER TANKS			<b>AMIT,SHIVALIK</b>			
iv.	PVC			<b>PREMIER POLYFILM</b>			
v.	FLOOR BOARD			<b>NARBADA</b>			
vi.	UIC VESTIBULE			<b>FRINKMART</b>			
vii.	LAV. DOORS			<b>GANDHI</b>			
viii.	LP SHEET			<b>PUNJAB LAMINATE</b>			
ix)	BIO- TOILET			<b>OMAX</b>			
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			
		6004	NR	MWACCN	163101	20-07-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163147				163148			
	ii. Frame No.	UBLS-5214				UBLS-5157			
	iii. Axle No.	K-4710		Y-6353		RWF-98532		K-5763	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	19656/341	19657/245	18095/283	18089/322	18190/244	18107/207	19722/279	19804/312
	vi. R.B. Nos.	C-1085	C-1083	W2477	W2391	C-0745	C-0748	C-0873	C-0895
	vii. R.B. Make	NBC		FAG		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-1470,1475		PEW-1653,1654		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-5913,6146		ESCORTS-5845,6237		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

MWACCN-6004



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>6005</b>	DISPATCH DATE:			<b>17.10.16</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>163105</b>	
3.	Booked to	<b>SSE/C&amp;W/NDLS</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						
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	<b>1104/1104</b>	<b>1104/1104</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/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			<b>NAROLACK</b>	<b>86/87</b>		
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			<b>FAVELLY</b>			
ii.	SEAT & BERTH			<b>RCF MADE</b>			
iii.	WATER TANKS			<b>AMIT,SHIVALIK</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>NARBADA</b>			
vi.	UIC VESTIBULE			<b>FRINKMART</b>			
vii.	LAV. DOORS			<b>GANDHI</b>			
viii.	LP SHEET			<b>PUNJAB LAMINATE</b>			
ix)	BIO- TOILET			<b>OMAX</b>			
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				
		6005	NR	MWACCN	163105	22-07-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	163130				163153				
	ii. Frame No.	UBLS-5186				UBLS-5156				
	iii. Axle No.	RWF-97252		Y-7213		K-5423		K-7154		
	iv. Wheel Diameter	917.00	917.00	918.00	918.00	917.00	917.00	916.50	916.00	
	v. Wheel Disc No.	18305/281	18316/379	18191/392	18295/389	18314/282	18310/220	19636/390	19635/310	
	vi. R.B. Nos.	W1925	W1939	W2194	W2214	C-0913	C-0894	W2034	W2019	
	vii. R.B. Make	FAG		FAG		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.			AJT-1915,1912		PEW-1552,1542			
	ii.	SECONDARY Shock Absorber Make &NO.			IAI-144693,147430		ESCORTS-5926,5827			
11.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			NIL					

MWACCN-6005



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>6006</b>	DISPATCH DATE:			<b>17.10.16</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>163108</b>	
3.	Booked to	<b>SSE/C&amp;W/NDLS</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						
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	<b>1104/1104</b>	<b>1094/1094</b>			
viii)	Buffer/CBC (Make )			<b>HEPL</b>			
ix)	Draw Gear (Make)			<b>RK</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			<b>NAROLACK</b>	<b>87/88</b>		
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			<b>ESCORT</b>			
ii.	SEAT & BERTH			<b>SAVITRY</b>			
iii.	WATER TANKS			<b>KUTEER,SHIVALIK</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>NARBADA</b>			
vi.	UIC VESTIBULE			<b>FRINKMART</b>			
vii.	LAV. DOORS			<b>GANDHI</b>			
viii.	LP SHEET			-----			
ix)	BIO- TOILET			<b>ORIENTAL</b>			
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	
		6006		NR		MWACCN		163108		12-08-2016	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	163159				163160				
	ii.	Frame No.	UBLS-5242				UBLS-5227				
	iii.	Axle No.	1804		M-9911		K-7082		K-7907		
	iv.	Wheel Diameter	917.50	917.00	916.00	916.00	916.00	916.00	917.00	917.00	
	v.	Wheel Disc No.	32986/ 03413	32848/ 03452	33076/ 03413	32975/ 03452	13564/ 15411	10468/ 14549	33135/ 03162	33235/03 162	
	vi.	R.B. Nos.	C-0711	C-1024	V-1999	V1992	W2062	W2017	V2036	V2032	
	vii.	R.B. Make	NBC		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-K1537,K1555			PEW-K1648,K1644		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-5917,6165			ESCORTS-6159,6157		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

MWACCN-6006





**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>6009</b>	DISPATCH DATE:			<b>17.10.16</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>163107</b>	
3.	Booked to	<b>SSE/C&amp;W/NDLS</b>					
4.	Tare Weight of Coach :	<b>52.53 T</b>					
5.	Carrying Capacity :	Seating:	<b>64</b>	Sleeping:	<b>64</b>	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						
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	<b>1104/1104</b>	<b>1102/1104</b>			
viii)	Buffer/CBC (Make )					<b>HEPL</b>	
ix)	Draw Gear (Make)					<b>RK</b>	
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		<b>NAROLACK</b>	<b>85/86</b>			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		<b>ESCORT</b>				
ii.	SEAT & BERTH		<b>SAVITRY</b>				
iii.	WATER TANKS		<b>KUTEER,RAIL FAB</b>				
iv.	PVC		<b>RESPONSIVE</b>				
v.	FLOOR BOARD		<b>TWPL</b>				
vi.	UIC VESTIBULE		<b>FRINKMART</b>				
vii.	LAV. DOORS		<b>GANDHI</b>				
viii.	LP SHEET		<b>[PUNJAB LAMINATE</b>				
ix)	BIO- TOILET		<b>ORIENTAL</b>				
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			
		6009	NR		MWACCN	163107	31-08-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	163184				163182				
	ii. Frame No.	UBLS-5254				UBLS-5243				
	iii. Axle No.	RWF-105488		K-4794		M-9882		P-3609		
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	916.00	916.00	
	v. Wheel Disc No.	18372/218	18319/217	18312/351	18371/397	19769/215	19833/215	19339/237	19827/324	
	vi. R.B. Nos.	U2155	V1196	U2123	U2081	V1821	V1500	U2284	U2271	
	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-1488,15575		PEW-1472,12961		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-6049,5659		ESCORTS 5941,5818		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

MWACCN-6009



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	6010	DISPATCH DATE:			17.10.16
2.	RAILWAY	NR	Type:	MWACCN	Coach No.:	163106
3.	Booked to	SSE/C&W/NDLS				
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	1100/1100	1100/1098		
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			NAROLACK	85/86	
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			KUTEER,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			NARBADA		
vi.	UIC VESTIBULE			FRINKMART		
vii.	LAV. DOORS			GANDHI		
viii.	LP SHEET			----		
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	
		6010		NR		MWACCN		163106		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.	163175				163181				
	ii.	Frame No.	UBLS-5249				UBLS-5246				
	iii.	Axle No.	Y-6724		2948		3245		3125		
	iv.	Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	19764/ 253	16143/ 311	19760/ 245	19821/ 222	18376/ 324	18346/ 267	19835/ 321	15118/21 8	
	vi.	R.B. Nos.	C-1461	C-1480	C-1454	C1390	C-1374	C-1367	C-1479	C-1388	
	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-1516,1524			PEW-1468,1588		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL-6536,6540			GABRIEL-6545,6408		
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:	6017	DISPATCH DATE:			17.10.16	
2.	RAILWAY	NR	Type:	MWACCN	Coach No.:	163114	
3.	Booked to	SSE/C&W/NDLS					
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 )			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			NAROLACK	85/86		
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			KUTEER,RAIL FAB,SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			FRINKMART			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			PUNJAB LAMINATE			
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			
		6017	NR	MWACCN	163114	16-09-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163203				163204			
	ii. Frame No.	UBLS-5278				UBLS-5280			
	iii. Axle No.	K-4372		M-7610		1392		N-7551	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	36149/ 03026	35974/ 03063	36377/ 03290	33086/ 03413	36118/ 03026	30643/ 02383	13367/ 15365	35968/03 063
	vi. R.B. Nos.	V1458	V1505	V1460	V1468	V1455	V1480	U2231	U2468
	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-K-1622,K1621			PEW-K1693,K1571	
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL -6781,6810			GABRIEL -6838,6780	
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:	<b>6016</b>	DISPATCH DATE:			<b>17.10.16</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>163115</b>	
3.	Booked to	<b>SSE/C&amp;W/NDLS</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						
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	<b>1100/1100</b>	<b>1100/1100</b>			
viii)	Buffer/CBC (Make )			<b>ATUL</b>			
ix)	Draw Gear (Make)			<b>RK</b>			
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		<b>NAROLACK</b>	<b>86/87</b>			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					<b>ESCORT</b>	
ii.	SEAT & BERTH					<b>SUKATA</b>	
iii.	WATER TANKS					<b>KUTEER, ,SHIVALIK</b>	
iv.	PVC					<b>RESPONSIVE</b>	
v.	FLOOR BOARD					<b>NARBADA</b>	
vi.	UIC VESTIBULE					<b>FRINKMART</b>	
vii.	LAV. DOORS					<b>GANDHI</b>	
viii.	LP SHEET					<b>PUNJAB LAMINATE</b>	
ix)	BIO- TOILET					<b>ORIENTAL</b>	
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		
		6016	NR		MWACCN		163115		17-09-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i.	Bogie No.	163206				163205				
	ii.	Frame No.	UBLS-5272				UBLS-5283				
	iii.	Axle No.	K-7507		M-9803		P-5902		Y-7778		
	iv.	Wheel Diameter	917.50	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	20108/343	20103/226	20154/349	20078/343	20163/207	18317/394	19822/265	18376/225	
	vi.	R.B. Nos.	V1542	V1473	V1469	V1516	U2232	U2214	V1556	U2221	
	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-1591,14424			PEW-13019,1600		
	ii.	SECONDARY Shock Absorber Make &NO.				GABRIEL -6783,6439			GABRIEL -6581,6558		
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:	<b>6002</b>	DISPATCH DATE:			<b>17.10.16</b>
2.	RAILWAY	<b>NR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>163111</b>
3.	Booked to	<b>SSE/C&amp;W/NDLS</b>				
4.	Tare Weight of Coach :	<b>52.53 T</b>				
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	<b>1104/1104</b>	<b>1104/1104</b>		
viii)	Buffer/CBC (Make )			<b>ATUL</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/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		<b>NAROLACK</b>	<b>85/86</b>		
8.2	APPLICATION OF PCN-123					
8.3	INSUALTION					
9.	Traceability of Furnishing Items:					
i.	BRAKE EQUIPMENT			Make <b>ESCORT</b>		
ii.	SEAT & BERTH			<b>RCF MADE</b>		
iii.	WATER TANKS			<b>KUTEER, ,RAIL FAB</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>NARBADA</b>		
vi.	UIC VESTIBULE			<b>FRINKMART</b>		
vii.	LAV. DOORS			<b>GANDHI</b>		
viii.	LP SHEET			<b>PUNJAB LAMINATE</b>		
ix)	BIO- TOILET			<b>ORIENTAL</b>		
10	10.1	Modification/ Trial (if any):				
.	10.2	Deviations (if any):				



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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>	
		6002		NR		MWACCN		163111		01-09-2016	
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>	163186				163185				
	ii.	<b>Frame No.</b>	UBLS-5250				UBLS-5248				
	iii.	<b>Axle No.</b>	M-9591		3142		02645		Y-7353		
	iv.	<b>Wheel Diameter</b>	917.00	917.00	917.00	917.00	916.00	916.00	917.00	917.00	
	v.	<b>Wheel Disc No.</b>	20098/324	19767/389	20086/327	18375/244	18351/242	18174/231	12079/388	18348/378	
	vi.	<b>R.B. Nos.</b>	V1444	V1296	U2487	U2506	V1362	V1530	U2116	U2121	
	vii.	<b>R.B. Make</b>	FAG		FAG		FAG		FAG		
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
11.3	<b><u>Items Traceability:</u></b>					<b>PP SIDE</b>			<b>NPP SIDE</b>		
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>				PEW-12951,1667			PEW-1685,1657		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>				ESCORTS-6272,6060			ESCORTS-5989,5815		
11.4	i.	<b>Modification/ Trail (if any):</b>					NIL				
	ii.	<b>Deviations (if any):</b>					NIL				

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>6014</b>	DISPATCH DATE:			<b>17.10.16</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>163104</b>	
3.	Booked to	<b>SSE/C&amp;W/NDLS</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						
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	<b>1104/1104</b>	<b>1104/1100</b>			
viii)	Buffer/CBC (Make )			<b>HEPL</b>			
ix)	Draw Gear (Make)			<b>RK</b>			
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		<b>NAROLACK</b>	<b>86/87</b>			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT			Make <b>ESCORT</b>			
ii.	SEAT & BERTH			<b>SAVITRY</b>			
iii.	WATER TANKS			<b>MANOJ,SHIVALIK</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>NARBADA</b>			
vi.	UIC VESTIBULE			<b>FRINKMART</b>			
vii.	LAV. DOORS			<b>GANDHI</b>			
viii.	LP SHEET			<b>PUNJAB LAMINATE</b>			
ix)	BIO- TOILET			<b>ORIENTAL+OMAX</b>			
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
		6014	NR		MWACCN		163104		13-08-2016
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163155				163156			
	ii. Frame No.	UBLS-5225				UBLS-5229			
	iii. Axle No.	M-7907		2975		2911		RWF-88072	
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	18189/220	18297/205	19674/320	20098/204	20069/378	20089/283	19816/349	19796/330
	vi. R.B. Nos.	C1201	C1199	V1863	V1840	V1915	V1916	V1848	V1847
	vii. R.B. Make	NBC		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-K1588,K1694		PEW-K1485,K1652		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-6062,5929		ESCORTS-6036,6174		
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:	6015	DISPATCH DATE:			17.10.16	
2.	RAILWAY	NR	Type:	MWACCN	Coach No.:	163112	
3.	Booked to	SSE/C&W/NDLS					
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			NAROLACK	85/86		
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			KUTEER,SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			NARBADA			
vi.	UIC VESTIBULE			FRINKMART			
vii.	LAV. DOORS			GANDHI			
viii.	LP SHEET			---			
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			
		6015	NR	MWACCN	163112	02-09-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163190				163191			
	ii. Frame No.	UBLS-5244				UBLS-5247			
	iii. Axle No.	3044		F-5187		P-3729		RWF-83390	
	iv. Wheel Diameter	918.00	918.00	918.00	918.00	917.50	917.00	918.00	918.00
	v. Wheel Disc No.	19613/ 247	19763/ 277	15113/ 390	19825/ 287	19673/ 214	19745/ 397	19818/ 345	19722/27 7
	vi. R.B. Nos.	V2046	V1269	V1273	V1072	V1452	V1456	V1268	V1078
	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-1492,1482		PEW-1682,1675		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL-6814,6537		GABRIEL -5536,6474		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				