



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	6024	DISPATCH DATE:			07.12.2016	
2.	RAILWAY	CR	Type:	MWACCN	Coach No.:	M-10011/CR/15942	
3.	Booked to	SSE/C&W/TELEGAON					
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	85/85			
8.2	APPLICATION OF PCN-123						
8.3	INSUALTION						
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORT			
ii.	SEAT & BERTH			SAVITRI			
iii.	WATER TANKS			KUTEER,SHIVALIK			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TWPL			
vi.	UIC VESTIBULE			SSIPL			
vii.	LAV. DOORS			DHINJAN			
viii.	LP SHEET			PL			
ix)	BIO- TOILET			AMIT, 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			
		6024	CR	MWACCN	M10011CR15 942	04-10-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163210				163211			
	ii. Frame No.	UBLS-5275				UBLS-5271			
	iii. Axle No.	P-5895		K-5428		1307		N-0150	
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	35979/ 03063	33014/ 03413	35512/ 02908	32877/ 03452	35585/ 02908	35825/ 03182	31001/ 02639	30211/07 629
	vi. R.B. Nos.	U2313	U2224	V1587	V1529	F3475	F3489	F3482	F3483
	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-K1650,E13000			PEW-1699,1620	
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL -6598,6515			GABRIEL -6507,6596	
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:	6026	DISPATCH DATE:			07.12.2016		
2.	RAILWAY	CR	Type:	MWACCN	Coach No.:	M/10007/CR/15938		
3.	Booked to		SSE/C&W/TELEGAON					
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)			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:				Make			
i.	BRAKE EQUIPMENT			ESCORT				
ii.	SEAT & BERTH			SAVITRI				
iii.	WATER TANKS			KUTEER,RAIL FAB, RAIL TECH				
iv.	PVC			PREMIER POLYFILM				
v.	FLOOR BOARD			TWPL				
vi.	UIC VESTIBULE			SSIPL				
vii.	LAV. DOORS			GANDHI				
viii.	LP SHEET			LP				
ix)	BIO- TOILET			AMIT, 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			
		6026	CR	MWACCN	M10007CR15 938	14-10-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163217				163218			
	ii. Frame No.	UBLS-5293				UBLS-5284			
	iii. Axle No.	J-8928		M-7555		J-8905		F-5393	
	iv. Wheel Diameter	916.00	916.00	917.00	917.00	916.00	916.00	917.00	917.00
	v. Wheel Disc No.	36171/ 03026	33456/ 02959	36368/ 03290	32567/ 03460	24094/ 00696	35524/ 02908	33026/ 03413	33205/03 162
	vi. R.B. Nos.	U2223	U2196	U2189	U2187	U2204	U2321	F3345	F3315
	vii. R.B. Make	FAG		FAG		FAG		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.			AJTECH-93,81		AJTECH-46,5116		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL -6674,6784		GABRIEL -6677,6799		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version:  
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1.	SHELL No:	6025	DISPATCH DATE:			07.12.2016		
2.	RAILWAY	CR	Type:	MWACCN	Coach No.:	M/10008/CR/15939		
3.	Booked to		SSE/C&W/TELEGAON					
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			SAVITRI				
iii.	WATER TANKS			KUTEER,RAIL FAB, RAIL TECH				
iv.	PVC			PREMIER POLYFILM				
v.	FLOOR BOARD			TWPL				
vi.	UIC VESTIBULE			KRP				
vii.	LAV. DOORS			GANDHI				
viii.	LP SHEET			PL				
ix)	BIO- TOILET			AMIT, 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			
		6025	CR	MWACCN	M10008CR15 939	17-10-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163219				163220			
	ii. Frame No.	UBLS-5252				UBLS-5289			
	iii. Axle No.	M-9316		3554		3570		3322	
	iv. Wheel Diameter	917.00	917.00	917.50	917.00	918.00	918.00	918.00	918.00
	v. Wheel Disc No.	19555/ 334	19548/ 335	10559/ 237	19682/ 378	19569/ 222	19559/ 329	19814/ 245	18235/31 2
	vi. R.B. Nos.	U1903	U2190	U2209	U2228	F3812	F3309	F3796	F3340
	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.			AJTECH-60,200		AJTECH-0140,68		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-5942,5652		ESCORTS-5362,5937		
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:	6028	DISPATCH DATE:			07.12.2016		
2.	RAILWAY	CR	Type:	MWACCN	Coach No.:	M/10004/CR/15935		
3.	Booked to		SSE/C&W/TELEGAON					
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)			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:			Make				
i.	BRAKE EQUIPMENT			ESCORT				
ii.	SEAT & BERTH			SAVITRI				
iii.	WATER TANKS			KUTEER,SHIVALIK				
iv.	PVC			PREMIER POLYFILM				
v.	FLOOR BOARD			TWPL				
vi.	UIC VESTIBULE			KRP				
vii.	LAV. DOORS			GANDHI				
viii.	LP SHEET			PL				
ix)	BIO- TOILET			SPRING INDIA				
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>			
		6028	CR	MWACCN	M10009CR15 940	24-10-2016			
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>	163230				163231			
	ii. <b>Frame No.</b>	UBLS-5300				UBLS-5286			
	iii. <b>Axle No.</b>	5173		3897		4480		S-8058	
	iv. <b>Wheel Diameter</b>	918.00	918.00	917.00	917.00	916.50	917.00	917.00	917.00
	v. <b>Wheel Disc No.</b>	19552/ 229	12060/ 378	19551/ 386	19555/ 381	20114/ 208	20145/ 388	19680/ 242	19668/20 7
	vi. <b>R.B. Nos.</b>	F3614	F3595	F3745	F3746	F3763	F3773	F3769	F3742
	vii. <b>R.B. Make</b>	NBC		NBC		NBC		NBC	
	viii . <b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing							
11.3	<b>Items Traceability:</b>				<b>PP SIDE</b>		<b>NPP SIDE</b>		
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>			AJTECH-167,168		AJTECH-23,173		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>			ESCORTS-5949,5830		ESCORTS-5702,3173		
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:	6027	DISPATCH DATE:			07.12.2016		
2.	RAILWAY	CR	Type:	MWACCN	Coach No.:	M/10009/CR/15940		
3.	Booked to		SSE/C&W/TELEGAON					
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)			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:				Make			
i.	BRAKE EQUIPMENT			ESCORT				
ii.	SEAT & BERTH			SAVITRI				
iii.	WATER TANKS			KUTEER,SHIVALIK				
iv.	PVC			PREMIER POLYFILM				
v.	FLOOR BOARD			TWPL				
vi.	UIC VESTIBULE			KRP				
vii.	LAV. DOORS			GANDHI				
viii.	LP SHEET			PL				
ix)	BIO- TOILET			AMIT, 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			
		6027	CR	MWACCN	M10009CR15 940	14-10-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163215				163216			
	ii. Frame No.	UBLS-5285				UBLS-5291			
	iii. Axle No.	M-9233		M-8768		M-9852		M-9341	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. Wheel Disc No.	36351/ 02793	36262/ 02773	36396/ 03290	35907/ 03182	35831/ 03182	29555/ 01960	13862/ 15478	35570/02 908
	vi. R.B. Nos.	U2112	U2165	U2179	U2167	U2185	U2156	F3324	F3316
	vii. R.B. Make	FAG		FAG		FAG		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.			AJTECH-81,88		AJTECH-85,75-		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL -6712,6782		GABRIEL -6666,6801		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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Form No. : QMF4254; Version:  
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1.	SHELL No:	6011	DISPATCH DATE:			07.12.2016		
2.	RAILWAY	CR	Type:	MWACCN	Coach No.:	M/10001/CR/15932		
3.	Booked to		SSE/C&W/TELEGAON					
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			SAVITRI				
iii.	WATER TANKS			KUTEER,SHIVALIK				
iv.	PVC			RESPONSIVE				
v.	FLOOR BOARD			TWPL				
vi.	UIC VESTIBULE			FRIKMART				
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.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>			
		6011	CR	MWACCN	M10001CR15 932	18-10-2016			
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>	163224				163225			
	ii. <b>Frame No.</b>	UBLS-5307				UBLS-5287			
	iii. <b>Axle No.</b>	K-1130		3845		M-9215		K-8540	
	iv. <b>Wheel Diameter</b>	917.00	917.00	918.00	918.00	917.00	917.00	917.00	917.00
	v. <b>Wheel Disc No.</b>	20070/ 312	19717/ 245	19560/ 228	19556/ 389	20055/ 379	19567/ 230	19584/ 295	18361/29 0
	vi. <b>R.B. Nos.</b>	F3523	F3550	F3814	F3332	F3871	F3849	F3416	F3403
	vii. <b>R.B. Make</b>	NBC		NBC		FAG		FAG	
	viii .	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing						
11.3	<b>Items Traceability:</b>				<b>PP SIDE</b>		<b>NPP SIDE</b>		
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>			AJTECH-28,90		AJTECH-97,94		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>			ESCORT- 6070,6789		ESCORT-5897,6184		
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>6029</b>	DISPATCH DATE:			<b>07.12.2016</b>
2.	RAILWAY	<b>CR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>M/10010/CR/15941</b>
3.	Booked to		<b>SSE/C&amp;W/TELEGAON</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>1104/1102</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>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>SAVITRI</b>		
iii.	WATER TANKS			<b>KUTEER,RAIL FAB, RAIL TECH</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>NARBADA</b>		
vi.	UIC VESTIBULE			<b>SSIPL</b>		
vii.	LAV. DOORS			<b>GANDHI</b>		
viii.	LP SHEET			<b>--</b>		
ix)	BIO- TOILET			<b>SPRING INDIA</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>	
		6029		CR		MWACCN		M10010CR15 941		24-10-2016	
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>	163228				163229				
	ii.	<b>Frame No.</b>	UBLS-5295				UBLS-5273				
	iii.	<b>Axle No.</b>	3412		4005		K-5356		M-9655		
	iv.	<b>Wheel Diameter</b>	917.50	917.50	918.00	918.00	917.50	917.00	918.00	918.00	
	v.	<b>Wheel Disc No.</b>	11939/ 284	19809/ 349	19558/ 397	18179/ 385	18665/ 215	20060/ 287	18025/ 322	20100/28 7	
	vi.	<b>R.B. Nos.</b>	F3577	F3613	F3616	F1602	F3459	F3460	F1606	F3597	
	vii.	<b>R.B. Make</b>	NBC		NBC		NBC		NBC		
	viii	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
11.3	<b>Items Traceability:</b>					<b>PP SIDE</b>			<b>NPP SIDE</b>		
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>				PEW-3839,3936			AJTECH-67,89		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>				ESCORTS-6190,5668			ESCORTS - 6175,5771		
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>6030</b>	DISPATCH DATE:			<b>07.12.2016</b>
2.	RAILWAY	<b>CR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>M/10005/CR/15936</b>
3.	Booked to		<b>SSE/C&amp;W/TELEGAON</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>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>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>KUTEER,SHIVALIK</b>		
iv.	PVC			<b>PREMIER POLYFILM</b>		
v.	FLOOR BOARD			<b>TWPL</b>		
vi.	UIC VESTIBULE			<b>SSIPL</b>		
vii.	LAV. DOORS			<b>GANDHI</b>		
viii.	LP SHEET			<b>PL</b>		
ix)	BIO- TOILET			<b>OMAX</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>			
		6030	CR	MWACCN	M10005CR15 936	19-10-2016			
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>	163226				163227			
	ii. <b>Frame No.</b>	UBLS-5288				UBLS-5304			
	iii. <b>Axle No.</b>	5135		3555		4451		4096	
	iv. <b>Wheel Diameter</b>	918.00	918.00	916.00	916.00	918.00	918.00	918.00	918.00
	v. <b>Wheel Disc No.</b>	19675/ 243	19548/ 332	19549/ 378	19544/ 354	20094/ 313	19549/ 337	19821/ 204	19546/33 2
	vi. <b>R.B. Nos.</b>	F3734	F3736	F3543	F3561	F3776	F3783	F3761	F3774
	vii. <b>R.B. Make</b>	NBC		NBC		NBC		NBC	
	viii. <b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing							
11.3	<b>Items Traceability:</b>				<b>PP SIDE</b>		<b>NPP SIDE</b>		
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>			AJTECH-160,105		AJTECH-26,59		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>			ESCORT -6765,6835		ESCORT -5857,6202		
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:  
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1.	SHELL No:	6012	DISPATCH DATE:			07.12.2016
2.	RAILWAY	CR	Type:	MWACCN	Coach No.:	M/10002/CR/15933
3.	Booked to		SSE/C&W/TELEGAON			
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			SAVITRI		
iii.	WATER TANKS			KUTEER,RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			TWPL		
vi.	UIC VESTIBULE			FRIKMART		
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.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>			
		6012	CR	MWACCN	M10002CR15 933	17-10-2016			
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>	163221				163212			
	ii. <b>Frame No.</b>	UBLS-5282				UBLS-5261			
	iii. <b>Axle No.</b>	3986		3261		4897		5051	
	iv. <b>Wheel Diameter</b>	918.00	918.00	917.00	917.00	917.00	917.00	917.00	917.00
	v. <b>Wheel Disc No.</b>	19547/ 217	19724/ 331	19763/ 325	18310/ 334	20096/ 265	20157/ 382	20082/ 345	19735/31 2
	vi. <b>R.B. Nos.</b>	F3313	F3338	F3793	F3381	U2212	U2236	U2198	U2188
	vii. <b>R.B. Make</b>	NBC		NBC		FAG		FAG	
	viii . <b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing							
11.3	<b>Items Traceability:</b>				<b>PP SIDE</b>		<b>NPP SIDE</b>		
	i.	<b>BRAKE CYLINDER Make &amp; NO.</b>			AJTECH-69,41		AJTECH-1590,2994		
	ii.	<b>SECONDARY Shock Absorber Make &amp;NO.</b>			ESCORTS-6242,4183		GABRIEL -6580,6454		
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>6019</b>	DISPATCH DATE:			<b>07.12.2016</b>		
2.	RAILWAY	<b>CR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>M-10003/CR/15934</b>		
3.	Booked to		<b>SSE/C&amp;W/TELEGAON</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>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>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>SAVITRI</b>				
iii.	WATER TANKS			<b>KUTEER, SHIVALIK</b>				
iv.	PVC			<b>RESPONSIVE</b>				
v.	FLOOR BOARD			<b>TWPL</b>				
vi.	UIC VESTIBULE			<b>SSIPL</b>				
vii.	LAV. DOORS			<b>GANDHI</b>				
viii.	LP SHEET			<b>PL</b>				
ix)	BIO- TOILET			<b>AMIT, 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			
		6019	CR	MWACCN	M10003CR15 934	20-09-2016			
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163202				163207			
	ii. Frame No.	UBLS-5256				UBLS-5276			
	iii. Axle No.	J-2940		RWF-87949		A-5190		Y-6140	
	iv. Wheel Diameter	917.00	917.00	917.00	917.00	918.00	918.00	917.50	917.00
	v. Wheel Disc No.	19820/ 378	19804/ 205	19611/ 217	18350/ 379	18314/ 217	19583/ 217	20101/ 316	19760/31 0
	vi. R.B. Nos.	V1484	U2250	V1540	U2242	V1518	U2252	V1423	V1422
	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-1588,1623		PEW-E12531,K1556		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL -6492,6493		GABRIEL -6441,6498		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version:  
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1.	SHELL No:	<b>6022</b>	DISPATCH DATE:			<b>07.12.2016</b>		
2.	RAILWAY	<b>CR</b>	Type:	<b>MWACCN</b>	Coach No.:	<b>M-10006/CR/15937</b>		
3.	Booked to		<b>SSE/C&amp;W/TELEGAON</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>1104/1098</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>ESCORTS</b>				
ii.	SEAT & BERTH			<b>RCF</b>				
iii.	WATER TANKS			<b>KUTEER, SHIVALIK</b>				
iv.	PVC			<b>RESPONSIVE</b>				
v.	FLOOR BOARD			<b>TWPL</b>				
vi.	UIC VESTIBULE			<b>SSIPL</b>				
vii.	LAV. DOORS			<b>GANDHI</b>				
viii.	LP SHEET			<b>--</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
		6022	CR		MWACCN		M10006CR15 937		21-10-2016
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	163233				163234			
	ii. Frame No.	UBLS-5299				UBLS-5281			
	iii. Axle No.	4528		4640		5259		4646	
	iv. Wheel Diameter	916.50	917.00	917.00	917.00	916.50	917.00	917.00	917.00
	v. Wheel Disc No.	18781/ 233	19824/ 287	19719/ 323	19654/ 231	20062/ 207	20066/ 246	20151/ 283	19555/33 9
	vi. R.B. Nos.	F3759	F3732	F3247	F3298	F3280	F3733	F3735	F3768
	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.			AJTECH-195,127		AJTECH-106,190		
	ii.	SECONDARY Shock Absorber Make &NO.			GABRIEL -4530,4531		GABRIEL -4535,4538		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				

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