



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5060	DISPATCH DATE				17.10.2015
2.	Railway	SCR	Type	LWACCN	Coach No.	15933	
3.	Booked to	SSE/C&W/BZA					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	Luggage	NIL
6.	Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum length over Body			23700+10/-0 mm			
ii)	Maximum width over Body			3240-8/+0 mm, 3050 mm (LWSCZDAC)			
iii)	Max. Height From Rail Level			4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)			
iv)	Buffer/CBC Height		Specified : 1105 +0 /-15 mm		1105	1105	
v)	Buffer/CBC (Make)		FAIVELEY		Fiba Device	NIL	
7.	Air Brake Testing:		Description		Specified	Observed	
7.1	Full Brake Application		Reduce pressure of BP from 5.0 to 3.4 kg/cm ²		6 –10 sec	6 Sec	
			Max Pressure in BC		3.80 ± 0.15 Kg/cm ²	3.80	
			All Brake are applied		OK	OK	
7.2	Insensitivity		Exhaust BP @ 0.3 kg/cm ² /min		No brake application	OK	
7.3	Sensitivity		Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.		Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT		PU PAINT		APEX	87/88	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		KBI				
ii.	CDTS/ BIO TOILET		AIR FLOW				
iii.	SEATS/ BERTHS		AAR KAY FOAMS				
iv.	BODY SIDE DOOR		JBM				
v.	VESTIBULE SLIDING DOOR		KALSI				
vi.	COMPTT. DOOR		NA				
vii.	WATER TANKS		MANOJ, E C BLADES				
viii.	UIC VESTIBULE		SUNCREAST				
ix	FLOOR BOARD		NARBADA				
X	PVC		RESPONSIVE				
10.							
10.1	Modification / Trail (if any):						
10.2	Deviations if any:					NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

11.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			5060	SC	LACCN	15933/C	30-09-2015			
11.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	156640				156641			
	ii.	Frame No.	FIAT-4301				FIAT-4273			
	iii.	Bolster No.	4989-VT				5026-VT			
	iv.	Axle No.	127983/988	128994/986	129016/986	128536/983				
	v.	Wheel Dia.	917.00	917.00	916.00	916.00	916.00	916.00	917.00	917.00
	vi.	Wheel Disc No.	6148-00007	6148-00008	7112-00119	6913-00047	6148-00207	6229-00133	6191-00135	6196-00152
	vii.	R.B. Nos.	30506	22939	01885	02118	34438	03329	30534	03143
	viii.	R.B. Make	SKF		SKF		SKF		SKF	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2	Secondary suspension load deflection Values:									
Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & nos.	FSK-14-02-2	DN-13-02-1885	FSK-14-02-8	DN-13-02-1910	FSK-14-02-18	DN-13-02-1889	FSK-14-02-17	DN-13-02-1866	
ii.	Ht. at test load	510.50	462	510.50	462	515	462	515	464	
iii.	Align .deviation	6	10	7	11	8	14	9	15	
11.3	Items traceability:									
	Sno.	Item	PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring	L&S-13-03		L&S-15-03		L&S			
	ii.	Primary inner Spring	G-12-5		G-15-3		GF			
	iii.	Primary Damper	25743,26146,25768,26109		25664,26008,26169,26080		KONI			
	iv.	Secondary damper	5144,5205		5611,5275		KONI			
	v.	Lateral Damper	258		256		GEREP			
	vi.	Yaw Damper					NIL			
	vii.	Brake cylinder & Caliper	1623/691,1648/691,1662/691,1647/691		1574/691,1665/691,1575/691,1666/691		KBI			
	viii.	Brake Disc					FTI			
	ix.	Ball joint Control arm					MGN			
	x.	Lateral Bump stop					MGN			
	xi.	Traction center make					SARITA			
	xii.	Traction lever make					SARITA			
	xiii.	Ball joint traction lever					GMT			
	xiv.	Traction centre elastic					GMT			
	xv.	Secondary rubber pad					TESPAK			
	xvi.	Rubber spring					GMT			
	xvii.	Anti roll bar make					EMSON			
	xviii.	Ball joint roll link					SARITA			
	xix.	Fork make					EMSON			
11.4	i.	Modification / Trial (if any):			NIL					
	ii.	Deviations (if any):			NIL					

LWACCN-5060



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5034	DISPATCH DATE			20.10.2015	
2.	Railway	SCR	Type	LWACCN	Coach No.	15934	
3.	Booked to	SSE/C&W/BZA					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	Luggage	NIL
6.	Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
	6.1	Leading Dimensions:					
	i)	Maximum length over Body	23700+10/-0 mm				
	ii)	Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)				
	iii)	Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)				
	iv)	Buffer/CBC Height	Specified : 1105 +0 /-15 mm	1105	1105		
	v)	Buffer/CBC (Make)	ESCORTS	Fiba Device	NIL		
7.	Air Brake Testing:		Description		Specified	Observed	
	7.1	Full Brake Application	Reduce pressure of BP from 5.0 to 3.4 kg/cm ²	6 –10 sec	6 Sec		
			Max Pressure in BC	3.80 ± 0.15 Kg/cm ²	3.80		
			All Brake are applied	OK	OK		
	7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm ² /min	No brake application	OK		
	7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.	Brake must apply	OK		
8.	PAINTING DEATAILS:		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	GS	89/89		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		FAIVELEY			
	ii.	CDTS/ BIO TOILET		RAIL TECH			
	iii.	SEATS/ BERTHS		AAR KAY FOAMS			
	iv.	BODY SIDE DOOR		JBM			
	v.	VESTIBULE SLIDING DOOR		KALSI			
	vi.	COMPTT. DOOR		KALSI			
	vii.	WATER TANKS		MANOJ, E C BLADES, SHIVALIK			
	viii.	UIC VESTIBULE		FRIKMART			
	ix	FLOOR BOARD		TAYAL			
	X	PVC		RESPONSIVE			
10.							
	10.1	Modification / Trail (if any):					
	10.2	Deviations if any:				NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5034		SCR		LACCN		15934		14-10-2015	
11.1	Wheel & Axle Details:		PP Side				NPP Side					
	i.	Bogie No.	156751				156752					
	ii.	Frame No.	ECBT-909				ECBT-923					
	iii.	Bolster No.	5110-P				5111-P					
	iv.	Axle No.	128917/986		125976/976		126131/471		129246/982			
	v.	Wheel Dia.	917.00	917.00	916.00	916.00	918.00	918.00	917.50	917.00		
	vi.	Wheel Disc No.	6207-00127	7172-00123	6191-00113	6191-00117	6191-00179	6219-00001	6191-00154	6191-00160		
	vii.	R.B. Nos.	22134	02160	01888	30406	22937	22938	02996	22975		
	viii.	R.B. Make	SKF		SKF		SKF		SKF			
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	Secondary suspension load deflection Values:											
	Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2			
			Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner		
i.	Make & nos.		FSK-15-3-3	DN-12-6-1516	FSK-15-1-25	DN-13-2-1863	FSK-15-3-12	DN-13-2-1873	FSK-15-3-9	DN-12-10-1683		
ii.	Ht. at test load		512	465	514	464	511.50	465	511.50	467		
iii.	Align .deviation		10	8	12	10	8	11	10	12		
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie			Make		
	i.	Primary Outer Spring			RSK-14-5		RSK-14-5			RSK		
	ii.	Primary inner Spring			G-15-3		G-15-3			GF		
	iii.	Primary Damper			25301,25140,25300,25431		25286,25385,25252,25142			KONI		
	iv.	Secondary damper			5832,6164		6197,5936			KONI		
	v.	Lateral Damper			306		489			GEREP		
	vi.	Yaw Damper								NIL		
	vii.	Brake cylinder & Caliper			15157/600,15142/600 15141/600,15139/600		15152/600,15150/600, 15155/600,15151/600			FTI		
	viii.	Brake Disc								KBI		
	ix.	Ball joint Control arm								GMT		
	x.	Lateral Bump stop								MGN		
	xi.	Traction center make								SARITA		
	xii.	Traction lever make								SARITA		
	xiii.	Ball joint traction lever								GMT		
	xiv.	Traction centre elastic								SGA		
	xv.	Secondary rubber pad								TESPAK		
	xvi.	Rubber spring								GMT		
	xvii.	Anti roll bar make								EMSON		
	xviii.	Ball joint roll link								SARITA		
	xix.	Fork make								EMSON		
11.4	i.	Modification / Trial (if any):				NIL						
	ii.	Deviations (if any):				NIL						

LWACCN-5034



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5051	DISPATCH DATE				19.10.2015
2.	Railway	SCR	Type	LWACCN	Coach No.	15932	
3.	Booked to	SSE/C&W/BZA					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	Luggage	NIL
6.	Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
	6.1	Leading Dimensions:					
	i)	Maximum length over Body	23700+10/-0 mm				
	ii)	Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)				
	iii)	Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)				
	iv)	Buffer/CBC Height	Specified : 1105 +0 /-15 mm		1105	1105	
	v)	Buffer/CBC (Make)	ESCORTS		Fiba Device	NIL	
7.	Air Brake Testing:		Description		Specified	Observed	
	7.1	Full Brake Application	Reduce pressure of BP from 5.0 to 3.4 kg/cm ²		6 –10 sec	6 Sec	
			Max Pressure in BC		3.80 ± 0.15 Kg/cm ²	3.80	
			All Brake are applied		OK	OK	
	7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm ² /min		No brake application	OK	
	7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.		Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	APEX	86/87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT	KBI				
	ii.	CDTS/ BIO TOILET	AIR FLOW				
	iii.	SEATS/ BERTHS	RAJINDER DASS				
	iv.	BODY SIDE DOOR	JBM				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	COMPTT. DOOR	KALSI				
	vii.	WATER TANKS	E C BLADES, SHIVALIK				
	viii.	UIC VESTIBULE	SUNCREAST				
	ix	FLOOR BOARD	NARBADA				
	X	PVC	RESPONSIVE				
10.							
	10.1	Modification / Trail (if any):					
	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	
			5051		SC		LACCN		15932/C		03-10-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156525						156533			
	ii.	Frame No.	FIAT-4169						FIAT-4126			
	iii.	Bolster No.	4896-VT						4994-VT			
	iv.	Axle No.	125565/377		129132/992		128875/990		130108/986			
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	915.50	915.50	915.00	915.00		
	vi.	Wheel Disc No.	6122-00114	6202-00069	6212-00088	6232-00119	6213-00200	6232-00134	6213-00068	6212-00064		
	vii.	R.B. Nos.	02318	03149	01266	02983	34746	03151	34852	34749		
	viii.	R.B. Make	SKF		SKF		SKF		SKF			
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	Secondary suspension load deflection Values:											
	Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2			
			Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner		
i.	Make & nos.	G-15-4-033	G-13-4-4606	G-15-4-014	G-13-4-4703	G-15-4-164	G-13-4-4617	G-15-4-159	G-13-4-4576			
ii.	Ht. at test load	513	466	515	466	513	465	513	466			
iii.	Align .deviation	17	13	17	15	16	17	16	21			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			L&S-13-03			L&S-13-03			L&S	
	ii.	Primary inner Spring			G-15-3			G-15-3			GF	
	iii.	Primary Damper			25670,26012,26015,25995			25952,26226,26013,25984			KONI	
	iv.	Secondary damper			6167,5919			6028,5623			KONI	
	v.	Lateral Damper			389			255			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			1250/691,1327/691, 1251/691,1326/691			1111/691,1167/691 1113/691,1186/691			KBI	
	viii.	Brake Disc									KBI,FTI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									GMT	
	xiv.	Traction centre elastic									GMT	
	xv.	Secondary rubber pad									TESPAK	
	xvi.	Rubber spring									GMT	
	xvii.	Anti roll bar make									EMSON	
	xviii.	Ball joint roll link									SARITA	
	xix.	Fork make									SARITA	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

WACCN-5051

ROLLING STOCK CERTIFICATE

रेल डिब्बा कारखाना,

Form No. : QMF 9454; Version: 1

कपूरथला

Rail Coach Factory ,
Kapurthala

1.	SHELL No.	5058	DISPATCH DATE			04.11.2015
2.	Railway	SCR	Type	LWACCN	Coach No.	15936
3.	Booked to	SSE/C&W/BZA				
4.	Tare Weight of Coach	45.6 T				
5.	Carrying Capacity	Seating	72	Sleeping	72	Luggage NIL
6.	Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')					
	6.1	Leading Dimensions:				
	i)	Maximum length over Body	23700+10/-0 mm			
	ii)	Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)			
	iii)	Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)			
	iv)	Buffer/CBC Height	Specified : 1105 +0 /-15 mm	1105	1105	
	v)	Buffer/CBC (Make)	ESCORTS	Fiba Device	NIL	
7.	Air Brake Testing:		Description	Specified	Observed	
	7.1	Full Brake Application	Reduce pressure of BP from 5.0 to 3.4 kg/cm ²	6 –10 sec	6 Sec	
			Max Pressure in BC	3.80 ± 0.15 Kg/cm ²	3.80	
			All Brake are applied	OK	OK	
	7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm ² /min	No brake application	OK	
	7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.	Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	APEX	85/87	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
	i.	BRAKE EQUIPMENT	FAIVELEY			
	ii.	CDTS/ BIO TOILET	AIR FLOW			
	iii.	SEATS/ BERTHS	RAJINDER DASS			
	iv.	BODY SIDE DOOR	JBM			
	v.	VESTIBULE SLIDING DOOR	KALSI			
	vi.	COMPTT. DOOR	KALSI			
	vii.	WATER TANKS	E C BLADES, SHIVALIK,			
	viii.	UIC VESTIBULE	SUNCREAST			
	ix	FLOOR BOARD	NARBADA			
	X	PVC	RESPONSIVE			
10.						
	10.1	Modification / Trail (if any):				
	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	
			5058		SCR		LACCN		15936		21-10-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156769						156770			
	ii.	Frame No.	FIAT-4354						FIAT-4384			
	iii.	Bolster No.	5122-P						5146-GT			
	iv.	Axle No.	128487/983		126966/476		130103/986		130143/469			
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	vi.	Wheel Disc No.	6202-00028	6202-00221	6192-00148	6192-00093	6211-00040	6202-00007	6211-00038	6211-00037	6211-00038	6211-00037
	vii.	R.B. Nos.	34767	34740	34668	02540	34735	39916	03327	30159	03327	30159
	viii.	R.B. Make	SKF		SKF		SKF		SKF		SKF	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	Secondary suspension load deflection Values:											
	Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2			
			Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner		
i.	Make & nos.	CMAFJ-15-05-18	DN-12-08-1400	CMAFJ-15-05-21	DN-12-08-1403	CMAFJ-15-05-17	DN-12-08-1438	CMAFJ-15-5-19	DN-12-08-1450			
ii.	Ht. at test load	515	465	513	464	514	462	514	462			
iii.	Align .deviation	13	3	13	2	2	3	2	4			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-14-5			RSK-14-5			RSK	
	ii.	Primary inner Spring			G-15-3			G-15-3			GF	
	iii.	Primary Damper			26496,26556,26588,26505			26532,26545,25295,25208			KONI	
	iv.	Secondary damper			5654,5551			5071,5632			KONI	
	v.	Lateral Damper			71			303			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			K15012/600,K15047/600, K15079/600,K15044/600			H15070/600,H15099/600, H15073/600,H15094/600			FTI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									SGA,MGN	
	xiv.	Traction centre elastic									GMT	
	xv.	Secondary rubber pad									TESPAK	
	xvi.	Rubber spring									GMT	
	xvii.	Anti roll bar make									EMSON	
	xviii.	Ball joint roll link									SARITA	
	xix.	Fork make									EMSON	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

LWACCN-5058



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5062	DISPATCH DATE			19.10.2015	
2.	Railway	SCR	Type	LWACCN	Coach No.	15935	
3.	Booked to	SSE/C&W/BZA					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	Luggage	NIL
6.	Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum length over Body			23700+10/-0 mm			
ii)	Maximum width over Body			3240-8/+0 mm, 3050 mm (LWSCZDAC)			
iii)	Max. Height From Rail Level			4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)			
iv)	Buffer/CBC Height		Specified : 1105 +0 /-15 mm		1105	1105	
v)	Buffer/CBC (Make)		ESCORTS		Fiba Device	NIL	
7.	Air Brake Testing:		Description		Specified	Observed	
7.1	Full Brake Application		Reduce pressure of BP from 5.0 to 3.4 kg/cm ²		6 –10 sec	6 Sec	
			Max Pressure in BC		3.80 ± 0.15 Kg/cm ²	3.80	
			All Brake are applied		OK	OK	
7.2	Insensitivity		Exhaust BP @ 0.3 kg/cm ² /min		No brake application	OK	
7.3	Sensitivity		Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.		Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT		PU PAINT		APEX	87/87	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					KBI	
ii.	CDTS/ BIO TOILET					AIR FLOW	
iii.	SEATS/ BERTHS					AAR KAY FOAMS	
iv.	BODY SIDE DOOR					JBM	
v.	VESTIBULE SLIDING DOOR					KALSI	
vi.	COMPTT. DOOR					KALSI	
vii.	WATER TANKS					E C BLADES, SHIVALIK, KUTEER	
viii.	UIC VESTIBULE					ESCORTS	
ix	FLOOR BOARD					NARBADA	
X	PVC					RESPONSIVE	
10.							
10.1	Modification / Trail (if any):						
10.2	Deviations if any:					NIL	



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5062		SCR		LACCN		15935		16-10-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156773						156774			
	ii.	Frame No.	ECBT-922						ECBT-920			
	iii.	Bolster No.	5176-VT						4838-VT			
	iv.	Axle No.	126153/471		C-3927		116183/377		128792/990			
	v.	Wheel Dia.	917.00	917.00	915.00	915.00	916.50	917.00	917.00	917.00	917.00	917.00
	vi.	Wheel Disc No.	6213-00091	6202-00166	6197-00162	6192-00074	7166-00026	6211-00003	7166-00179	6228-00028	7166-00179	6228-00028
	vii.	R.B. Nos.	02335	02350	22235	29641	03298	33989	01117	03314	01117	03314
	viii.	R.B. Make	SKF		SKF		SKF		SKF		SKF	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	Secondary suspension load deflection Values:											
	Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2			
			Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
i.	Make & nos.	CMAFS-15-5-20	DN-12-10-1613	CMAFS-14-5-16	DN-12-10-1611	CMAFS-15-5-14	DN-12-10-1729	CMAFS-15-5-10	DN-12-10-1660			
ii.	Ht. at test load	515	465	514	465	515	468	515	468			
iii.	Align .deviation	11	11	10	7	7	16	5	14			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-14-5			RSK-14-5			RSK	
	ii.	Primary inner Spring			G-15-3			G-15-3			GF	
	iii.	Primary Damper			25282,25117,25287,25123			25135,25321,25322,25323			KONI	
	iv.	Secondary damper			6013,6027			6045,6198			KONI	
	v.	Lateral Damper			371			280			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			1132/691,1208/691 1133/691,1209/691			1154/691,1212/691 1159/691,1121/691			KBI	
	viii.	Brake Disc									FTI,KBI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									MGN,GMT	
	xiv.	Traction centre elastic									GMT	
	xv.	Secondary rubber pad									TESPAK	
	xvi.	Rubber spring									GMT	
	xvii.	Anti roll bar make									EMSON	
	xviii.	Ball joint roll link									SARITA	
	xix.	Fork make									EMSON,SARITA	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

LWACCN-5062