



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	3028	DISPATCH DATE			<b>25.6.2014</b>	
2.	Railway	NE	Type	<b>LWSCZDAC</b>	Coach No.	<b>14193</b>	
3.	Booked to	<b>SSE/C&amp;W/GKP</b>					
4.	Tare Weight of Coach	<b>49.53 T</b>					
5.	Carrying Capacity	Seating	120	<b>Sleeping</b>	<b>NIL</b>	Luggage	<b>NIL</b>
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 )	<b>ESCORTS</b>		<b>Fiba Device</b>	<b>SIL</b>		
7.	Air Brake Testing:	Description			Specified	Observed	
7.1	Full Brake Application	Reduce pressure of BP from 5.0 to 3.4 kg/cm <sup>2</sup>		6 –10 sec	6 Sec		
		Max Pressure in BC		3.80 ± 0.15 Kg/cm <sup>2</sup>	3.80		
		All Brake are applied		OK	OK		
7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min		No brake application	OK		
7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm <sup>2</sup> /Sec, After 02 Sec.		Brake must apply	OK		
8.	PAINTING DEATAILS:	TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT	<b>PU PAINT</b>		<b>VIBGYOR</b>	<b>86/87</b>		
8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>					
8.3	INSUALTION	<b>SATISFACTORY</b>					
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					<b>FAIVELEY</b>	
ii.	CDTS/ BIO TOILET					<b>AIKON</b>	
iii.	SEATS/ BERTHS					<b>SUTLEJ</b>	
iv.	BODY SIDE DOOR					<b>MOHAN RAIL</b>	
v.	VESTIBULE SLIDING DOOR					<b>JBM</b>	
vi.	SALOON SLIDING DOOR					<b>HANSPAL</b>	
vii.	WATER TANKS					<b>AMIT &amp; SHIVALIK</b>	
viii.	UIC VESTIBULE					<b>KRP</b>	
ix	LUGGAGE RACK					<b>RAIL TECH</b>	
x	FLOOR BOARD					<b>TAYAL</b>	
xi	PVC FLOORING					<b>RESPONSIVE</b>	
10.							
10.1	Modification / Trail (if any):					NIL	
10.2	Deviations if any:					NIL	



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Shell no. 3028

DATE-31-03-2014

Rly.	NE	Type	LWSCZDAC	Coach No.	14193
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6.0 Wheel & Axle details:

Items	PP Side				Non PP Side			
Bogie No.	146285				146284			
Frame No.	CA-210				CA-212			
Bolster No.	CA-223				CA-224			
Axle No.	T-2277		RWF-109042		T-4539		H-3191	
Wheel Diameter	918.00	917.50	918.00	918.00	916.00	915.50	918.00	918.00
Wheel Disc No.	111-50798	288-50842	129-51781	151-50843	247-50857	158-50857	180-50857	331-50798
R.B. Nos.	05029	04985	04672	04988	04776	04992	06840	06637
R. B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
RB Type	CARTRIDGE TAPER ROLLER BEARING							

6.1 Secondary suspension load deflection Values:

Description	Bogie PP side		Bogie NPP side	
	Secondary 1	Secondary 2	Secondary 1	Secondary 2
Make & nos.	STONE INDIA-0199	STONE INDIA-0242	STONE INDIA-0229	STONE INDIA-0195

6.2 Component traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	Primary Outer Spring batch no.	G-12-4	G-12-4	GF
2	Primary inner Spring batch no	G-12-5	G-12-5	GF
3	Primary Damper			SV
4	Secondary damper			SACHS
5	Lateral Damper			GEREP
6	Brake cylinder & Caliper	B14074/2000,B-14093/2000, B-14073/2000,B-14096/2000	141264/2000,141243/2000, 141260/2000,141235/2000	FTI
7	Brake Disc			FTI
8	Ball joint Control arm			GMT
9	Lateral Bump stop			GMT
10	Traction center make			SARITA
11	Traction lever make			SARITA
12	Ball joint traction lever			GMT
13	Ball joint Traction centre			GMT
14	Secondary rubber pad			NA
15	Rubber spring			NA
16	Anti roll bar make			SARITA
17	Roll link make			SARITA
18	Fork make			EMSON

LDD-3028