



भारत सरकार - रेल मंत्रालय  
अनुसंधान अभिकल्प और मानक संगठन  
लखनऊ - 226 011  
EPBX (0522) 2451200  
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Government of India-Ministry of Railways  
Research Designs & Standards Organisation  
Lucknow - 226 011  
DID (0522) 2450115  
DID (0522) 2465310



No. SV.AS.Trelleborg

Dated: 13.11.2019

**Principal Chief Mechanical Engineers,**

1. Eastern Railway, Fairly Place, Kolkata - 700 001
2. Northern Railway, Baroda House, New Delhi -110 001
3. South Eastern Railway, Garden Reach, Kolkata -700 043
4. North Eastern Railway, Gorakhpur -273 001
5. Western Railway, Churchgate, Mumbai - 400020
6. East Central Railway, Hazipur - 844 101
7. East Coast Railway, Railway Complex, Bhubaneshwar - 751 023
8. North Western Railway, Jaipur - 302 006
9. South Western Railway, Hubli - 580023
10. West Central Railway, Jabalpur - 482 001
11. Konkan Railway Corporation Ltd., Corporate office, Belapur Bhawan, Navi Mumbai – 400 614

**Sub: Field performance of 140 KN capacity air springs supplied by M/s Ashika Commercial Pvt. Ltd. (OEM: M/s Trelleborg, UK) .**

- Ref: 1) ICF letter no.MI/3A dated 26.09.2019.  
2) RCF letter no. MD23151 dated 04.11.2019.  
3) This office letter of even no. dated 17.12.2018.

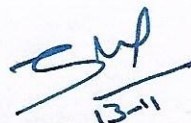
In reference to above, Zonal Railways have informed about significant number of failures of air bellows in air springs supplied by M/s Ashika Commercial Pvt. Ltd. (OEM: M/s Trelleborg, UK). Firm has also accepted that there were some lapses at their end during manufacturing of air bellows and they will change all suspected air bellows, prone to crack.

Hence, vide letter under reference (3), M/s Ashika was temporary delisted, for a period until compliance of non-conformities advised by vendor. Further, PUs has informed that that there is severe constraint in supply of air springs for LHB coaches. Same issue of limited sources of air springs has also been highlighted in CDEs meeting.

In view of above, to increase the vendor base it was decided by competent authority that performance of 140 KN capacity air spring supplied by M/s Ashika Commercial Pvt. Ltd. after corrective actions taken by firm shall be required from Zonal Railways. If performance is found to be satisfactory, necessary action will be taken. Accordingly, fitment details of subject air springs were asked from ICF and RCF. Same has been provided by ICF and RCF vide letter under ref. (1) and (2) – Copies enclosed

Therefore, it is requested to send the performance of M/s Ashika make air springs (140 KN capacity) fitted in coaches, mentioned in list provided by ICF and RCF. In case of any failure, details may also be provided.

DA: As above



(Shobhit Pratap Singh)  
Jt. Director/Carriage  
for Director General/Carriage

**Copy to:**

- 1) Chief Design Engineer (Mech.),  
Coach Factory, Kapurthala-144 602
- 2) Chief Design Engineer (Mech.),  
Integral Coach Factory, Perambur  
Chennai- 600 038

It is requested to provide details  
of failure of air springs fitted in  
coaches, mentioned in list  
received from Zonal Railways.



INTEGRAL COACH FACTORY, CHENNAI-38.

No.MI/3A

Office of the CME/QA  
Dated: 26/9/19

Shri.Shobit Pratap Singh  
Jt.Director/Carriage  
RDSO  
Lucknow.

✓ 1. का. निदे. मा./स. वि.  
✓ 2. निदे.मा./ई. एंड. एस.  
3. निदे. मा./एस. एस.  
4. निदे. मा./सी. जी.  
5. स. निदे. मा./सी. जी. जी.

Sub: Fitment details of M/s Ashika make (140 KN)  
Along with the performance report  
Ref:Jt.Director/Carriage Ir.No.SV.EMU.RAS dt 2/9/19.  
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Vide reference above, the fitment particulars of 64.5 coach sets of M/s Ashika make air springs (140KN) out of 66 coach sets of the same supplied by M/s Ashika Commercial Pvt Ltd vide P.O.no.02/17/4570/1623 dt 27/3/19 is furnished.

There is no complaint for the above P.O. for the subject item fitted in the coaches placed in the Annexure-I.

However, complaints for 3 yrs and the status of Air spring supplied by M/s Ashika Commercial Pvt Ltd are attached for the reference in Annexure-II.

Encl:  
Annexure -I  
Annexure -II

Copy to:

CDE/Mech  
CME/QA } - for kind information

DD/004  
Sri Vinod  
Report is to be sent from ZRs.  
410

Dy.CME/QA  
26/9/19





Annexure-1

**FITMENT DETAILS OF ASHIKA AIR SPRING (140KN)**

SL. NO.	Date of Dispatch	Coach No. & Type	BOGIE NOS		RAILWAYS	Air Spring SL.NO.			
			Bogie Alarm Side	Bogie Non Alarm Side		Bogie AE (ASR No.)		Bogie NAE (ASR No.)	
1	3-Feb-19	LWSCN-1104	-	AA01111	KR 191287	-	-	3684	3687
2	20-Feb-19	LWSCZ-212	AY02241	AY02242	KR 191344	3289	3828	3784	3780
3	26-Feb-19	LWSCZ-177	AY02224	AY02223	KR 191342	3860	3690	3876	3877
4	26-Feb-19	LWSCZ-179	-	AY02227	KR 191343	-	-	3860	3844
5	26-Feb-19	LWS-902	AY02229	AY02230	WR 191530	3870	3890	3877	3862
6	26-Feb-19	LWS-756	AY02233	-	WR 191534	3757	3759	-	-
7	26-Feb-19	LWS-845	AY02236	AY02235	WR 191535	3764	3763	3702	3825
8	26-Feb-19	LWS-847	AY02243	AY02244	WR 191537	3848	3866	3781	3772
9	26-Feb-19	LWS-846	AY02245	AY02246	WR 191538	3715	3732	3733	3753
10	26-Feb-19	LWSCZ-180	AY02250	AY02249	KR 191345	3712	3751	3754	3752
11	26-Feb-19	LWSCZ-178	AY02252	AY02251	KR 191346	3865	3881	3832	3827
12	26-Feb-19	LWS-905	AY02255	AY02256	WR 191541	3874	3875	3734	3716
13	26-Feb-19	LWS-904	-	AY02263	WR 191540	-	-	3833	3536
14	27-Feb-19	LWS-836	-	AY02206	NE 191685	-	-	3693	3868
15	27-Feb-19	LWS-836	-	AY02216	NE 191686	-	-	3678	3677
16	27-Feb-19	LWS-850	AY02217	-	WR 191546	3841	3681	-	-
17	27-Feb-19	LWS-908	AY02220	-	WR 191547	3676	3692	-	-
18	27-Feb-19	LWS-834	AY02221	-	NE 191684	3896	3837	-	-
19	27-Feb-19	LWS-901	AY02231	AY02232	NE 191693	3773	3774	3777	3771
20	1-Mar-19	LWS-851	AY02225	AY02226	WR 191552	3800	3805	3799	3804
21	11-Mar-19	LWS-853	AY02237	AY02240	WR 191551	3691	3688	3838	3849
22	11-Mar-19	LWSCZ-214	AY02238	AY02239	KR 191349	3811	3796	3766	3765
23	11-Mar-19	LWS-763	AY02253	AY02254	WR 191554	3790	3789	3721	3735
24	11-Mar-19	LWS-912	-	AY02258	WR 191555	-	-	3700	3824
25	11-Mar-19	LWS-856	AY02261	-	WR 191557	3884	3893	-	-
26	11-Mar-19	LWS-855	AY02303	AY02304	NW 191571	3810	3856	3889	3831
27	11-Mar-19	LWS-762	AY02305	AY02306	WR 191553	3823	3728	3726	3821
28	12-Mar-19	LWS-854	-	AY02248	WR 191558	-	-	3731	3740
29	12-Mar-19	LWS-915	AY02257	AY02264	WR 191559	3785	3788	3826	3575
30	12-Mar-19	LWS-913	AY02269	-	NR 191612	3855	3887	-	-
31	12-Mar-19	LWS-917	AY02323	AY02324	NR 191611	3685	3761	3686	3762
32	12-Mar-19	LWS-916	AY02328	-	NR 191613	3730	3755	-	-
33	12-Mar-19	LWS-937	AY02331	AY02332	NR 191614	3742	3767	3696	3743
34	14-Mar-19	LSDD-940	AY02300	-	ECR 191636	3801	3797	-	-
35	15-Mar-19	LWS-942	AY02301	-	EC 191637	3798	3806	-	-



SL. NO.	Date of Dispatch	Coach No. & Type	BOGIE NOS		RAILWAYS	Air Spring SL.NO.			
			Bogie Alarm Side	Bogie Non Alarm Side		Bogie AE (ASR No.)		Bogie NAE (ASR No.)	
36	15-Mar-19	LWS-860	AY02307	AY02308	EC 191639	3729	3822	3820	3727
37	15-Mar-19	LWS-950	AY02315	AY02316	EC 191647	3808	3809	3812	3858
38	15-Mar-19	LWS-918	AY02337	-	EC 191635	3793	3791	-	-
39	15-Mar-19	LWS-941	-	AY02348	EC 191640	-	-	3709	3851
40	15-Mar-19	LWS-943	AY02353	AY02354	EC 191642	3882	3883	3079	3885
41	16-Mar-19	LSCN-1112	AY01112	-	SER 191777	3749	3748	-	-
42	18-Mar-19	LSDD-861	AY02329	AY02330	ECR 191650	3770	3769	3768	3697
43	19-Mar-19	LWS-948	AY02311	AY02312	EC 191644	3867	3813	3680	3683
44	19-Mar-19	LWS-951	AY02313	AY02320	EC 191648	3782	3783	3852	3894
45	19-Mar-19	LWS-956	AY02325	-	EC 191654	3834	3845	-	-
46	19-Mar-19	LWS-955	AY02333	-	EC 191649	3776	3756	-	-
47	19-Mar-19	LWSCN-1114	AY01116	-	SER 191779	3694	3692	-	-
48	20-Mar-19	LWS-958	AY02335	AY02336	EC 191592	3699	3745	3698	3744
49	20-Mar-19	LWS-957	-	AY02340	EC 191590	-	-	3847	3815
50	20-Mar-19	LWS-966	AY02349	-	EC 191593	3794	3792	-	-
51	20/3/19	LWSCN-1113	-	AY01114	SER 191778	-	-	3708	3854
52	23/3/19	LWS-964	-	AY02351	NR 191620	-	-	1867	2581
53	26/3/19	LWS-972	-	AY02376	NE 191606	-	-	3842	3840
54	26/3/19	LWS-976	AY02377	-	NE 191608	3710	3711	-	-
55	26/3/19	LWS-973	AY02411	AY02420	NE 191609	3739	3738	3747	3714
56	26/3/19	LWSCN-1116	AY01119	-	SER 191797	3705	3736	-	-
57	26/3/19	LWSCN-1117	AY01121	AY01120	SER 191798	3704	3707	3787	3775
58	26/3/19	LWS-866	-	AY02414	NR 191622	-	-	3737	3706
59	26/3/19	LWSCN-1118	AY01124	-	SW 191728	3859	3850	-	-
60	26/3/19	LWS-982	-	AY02423	SW 191599	-	-	3846	3861
61	26/3/19	LWS-920	AY02426	AY02425	SW 191600	3857	3786	3816	3778
62	30/3/19	LWS-1003	AY02409	-	SER 192306	3713	3746	-	-
63	30/3/19	LWS-997	AY02412	AY02413	WR 191583	3779	3795	3724	3725
64	30/3/19	LWS-980	-	AY02433	SER 191626	-	-	3807	3817
65	22/4/19	LWS-998	AY02442	-	WC 192293	3802	3803	-	-
66	25/4/19	LWS-1009	-	AY02454	ER 192314	-	-	3759	3760
67	25/4/19	LWS-1007	-	AY02488	ER 192315	-	-	3886	3750
68	25/4/19	LS-930	AY02474	-	SER 192309	3689	3679	-	-
69	25/4/19	LS-931	-	AY02489	ER 192316	-	-	3741	3880
70	29/4/19	LWSCN-1532	-	AA01149	SER 191804	-	-	3898	3899



SL. NO.	Date of Dispatch	Coach No. & Type	BOGIE NOS		RAILWAYS	Air Spring SL.NO.			
			Bogie Alarm Side	Bogie Non Alarm Side		Bogie AE (ASR No.)		Bogie NAE (ASR No.)	
71	29/4/19	LWS-1042	AY02520	AY02519	EC 193214	3835	3723	3313	2912
72	30/4/19	LWSCN-1539	AY01156	AA01154	SER 191808	3814	3717	3864	3891
73	22/5/19	LWS-766	AY02544	-	EC 193491	3895	3839	-	-
74	25/5/19	LWSCN-1542	-	AA01155	EC 193012	-	-	3897	3893
75	31/5/19	LWSCN-1556	-	AA01216	SER 193123	-	-	3872	3878
76	31/5/19	LWSCN-1561	-	AA01219	SER 193125	-	-	3818	3819
77	3-Jun-19	LWSCN-1504	-	SAR00986(1712)WIL	SWR 193049	-	-	3863	3853
78	12-Jul-19	LSCN-1846	SAR01241(2039)WIL	SAR01242(2090)WIL	-	4032	4012	4008	4043
79	15-Jul-19	LSCN-1782	SAR01258(2047)WIL	-	ECR 193628	4042	4038	-	-
80	29-Jul-19	LWSCN-1659	SAR01233(1915)WIL	-	ECOR 194883	4009	4033	-	-
81	29-Jul-19	LWSCN-1660	SAR01236(2033)WIL	SAR01235(2082)WIL	ECOR 194884	4011	4004	4030	4054
82	29-Jul-19	LWSCN-1844	SAR01237(1986)WIL	SAR01238(2043)WIL	ECR 193615	4041	4021	4039	4017
83	29-Jul-19	LWSCN-1843	SAR01239(2036)WIL	SAR01240(2013)WIL	ECR 193614	4025	4014	4040	4036
84	30-Jul-19	LWSCN-1845	SAR01243(2074)WIL	SAR01244(2040)WIL	ECR 193620	4019	4005	4035	4015
85	30-Jul-19	LWSCN-1847	-	SAR01246(2023)WIL	ECR 193622	-	-	4023	4037
86	30-Jul-19	LWSCN-1797	SAR01249(2105)WIL	SAR01250(1893)WIL	ECR 193625	4016	4020	4020	4006
87	31-Jul-19	LWSCN-1849	SAR01253(2069)WIL	SAR01254(2061)WIL	ECR 193630	4010	4007	4013	4022
88	31-Jul-19	LWSCN-1789	SAR01267(2073)WIL	-	ER 194390	4020	4027	-	-
89	13-Aug-19	LWSCN-1785	-	SAR01272(2095)WIL	ER 194407	-	-	4024	4031
90	26-Aug-19	LWSCN-1821	SAR01399(2310)WIL	-	ECOR 194939	4026	4018	-	-



**RAIL COACH FACTORY, KAPURTHALA**

MD28151

Date: 04.11.2019

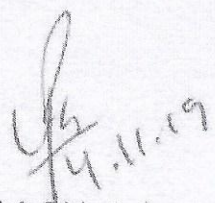
Executive Director/STD/Carriage  
RDSO, Manak Nagar ,  
Lucknow

Sub: Details of LHB Coaches fitted with air spring (140 kN) supplied by M/s Ashika  
Commercial Pvt. Ltd., Kolkata

Ref: Jt. Director/Carriage /RDSO Letter no. SV.EMU.RAS DATED 02.09.2019.

Vide letter referred above, RDSO has sought the fitment details of coaches fitted with  
air spring (140 kN) to RDSO STR-C-K 509 ( Rev.03) in secondary suspension of  
FIAT bogie , supplied by M/s Ashika Commercial Pvt. Ltd.

The details of these coaches enclosed herewith as Annexure – A for further  
reference please.

  
( Manish Bhimte )

Chief Design Engineer



## Annexure – A

**Details of LHB Coaches fitted with Air spring (140 kN) supplied by M/s Ashika Commercial Pvt. Ltd., Kolkata**

S. No.	Coach No.	Bogie No.		Coach Type	Rly.	Air Spring Make	DoD
1	194248	196905	196906	LWSCN	NR	Ashika	25.07.2019
2	194249	196896	----	LWSCN	NR	Ashika	26.07.2019
3	194253	196901	196902	LWSCN	NR	Ashika	08.08.2019
4	194256	196899	196900	LWSCN	NR	Ashika	12.08.2019
5	194260	197059	197060	LWSCN	NR	Ashika	23.08.2019
6	194261	197049	197050	LWSCN	NR	Ashika	20.08.2019
7	194265	197073	197074	LWSCN	NR	Ashika	27.08.2019
8	194266	197051	197052	LWSCN	NR	Ashika	30.08.2019
9	194268	197071	197072	LWSCN	NR	Ashika	26.07.2019
10	194185	197065	197066	LS	NR	Ashika	31.08.2019
11	194187	197069	197070	LS	NR	Ashika	31.08.2019
12	194188	197067	197068	LS	NR	Ashika	31.08.2019
13	194189	197055	197056	LS	NR	Ashika	31.08.2019
14	194191	197057	197058	LS	NR	Ashika	06.09.2019
15	194193	197131	197132	LS	NR	Ashika	11.09.2019
16	194195	197137	197138	LS	NR	Ashika	25.09.2019
17	196475	197130	---	LWS	NR	Ashika	21.09.2019
18	192689	196829	196830	LWSCN	NWR	Ashika	30.06.2019
19	192694	196823	196824	LWSCN	NWR	Ashika	04.06.2019
20	192695	196835	196836	LWSCN	NWR	Ashika	08.07.2019
21	192719	196831	196832	LWSCN	NWR	Ashika	11.07.2019
22	192722	196865	196866	LWSCN	NWR	Ashika	15.07.2019
23	192723	196817	196818	LWSCN	NWR	Ashika	18.07.2019
24	192724	196869	196870	LWSCN	NWR	Ashika	15.07.2019
25	192725	196871	196872	LWSCN	NWR	Ashika	18.07.2019
26	192726	196911	196912	LWSCN	NWR	Ashika	18.07.2019
27	192727	196907	196908	LWSCN	NWR	Ashika	22.07.2019
28	192299	197140	---	LWSCN	NWR	Ashika	18.09.2019
29	192699	196837	196838	LS	NWR	Ashika	25.06.2019
30	192728	196855	196856	LS	NWR	Ashika	30.06.2019
31	192731	196843	196844	LS	NWR	Ashika	09.07.2019
32	192732	196849	196850	LS	NWR	Ashika	10.07.2019
33	195115	196853	196854	LWS	ECR.	Ashika	18.07.2019
34	195116	196859	196860	LWS	ECR	Ashika	19.07.2019
35	195118	196889	196890	LWS	ECR	Ashika	24.07.2019
36	195123	196987	---	LWS	ECR	Ashika	28.07.2019
37	195126	196897	196898	LWS	ECR	Ashika	31.07.2019
38	195127	196903	196904	LWS	ECR	Ashika	19.08.2019
39	US SLR	196821	196822	US SLR		Ashika	

  
 05.11.2019  
 ADE/SPB