

EAST COAST RAILWAY

Office of the  
Chief Commercial Manager  
1<sup>st</sup> Floor, Rail Sadan  
C.S.Pur, Bhubaneswar-17  
Date:07.08.2014

Commercial Circular No.96 (G)/2014

Sub: Tentative Calibration Chart for BTFLN/BTPN Tank Wagons manufactured by  
BRAITHWAITE CO.LTD (Loading Data No.353 of 31.05.2014).  
Ref: WR.LOGS.CTCC dt.30.04.2014.

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Enclosed please find herewith copy of the tentative chart for newly built BTFLN tank wagons (mentioned at next pages) which are to be loaded as per respective chart until further notice from General secretary IRCA.

All concerned to note and act accordingly.

Authority: General Secretary/IRCA's letter No.G.398/XI dated 14.07.2014.

Encl: As above (03 pages).

(R.N.NAYAK)

Sr.Commercial Manager (Claims)  
For Chief Commercial Manager

Date: 05.08.2014

No.CCM/95/DC & WC/Pt.IV

Copy forwarded to:

All Station Managers/ Goods Supervisors/Commercial Supervisors /Siding Clerks / Booking Clerk in Charges / Weigh Bridge Clerks / Clerk in Charges / Commercial Movement Inspectors.

Copy for information and necessary action to the:-

**COM:** ECoR, **SDGM**/ECoR/BBS, **Chairman**/RCT/BBS, **Dy.CVO(T)**/ECoR/BBS, **PO/RCT**/BBS  
**Dy.COM(FOIS)** /ECoR/BBS, **Audit officer**/BBS. **DRM:** KUR,WAT,SBP/ECoR, **Sr.DOM**-KUR,WAT,  
SBP/ECoR, **Sr.DCM:** KUR,WAT/SBP/ECoR. **Dy.CCM(Claims)**/E.Co.Rly. **FA & CAO** :E.Co.Rly , **FA & CAO(T)** / ECoR/BBS, **Traffic Manager:** VZP, Traffic Manager/ Paradeep PortTrust/Paradeep.

(B. Singh)

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(R.N.NAYAK)

Sr.Commercial Manager (Claims)  
For Chief Commercial Manager

**CALIBRATION CHART FOR BTFLN T/WS  
MANUFACTURED BRAITHWAITE CO. LTD.  
(LOADING DATA NO. 353 OF 31-5-2014)**

Tank Wagons		T/WS in Group		CTCC chart
SC	47091460993	SC	47091461006	5 BTFL 7I
SC	47091461013	SC	47091461020	
SC	47091461037			
SC	47091461044	SC	47091461051	5 BTFL 7J
SC	47091461068	SC	47091461075	
SC	47091461082			

Encl:-As referred to above

*(Signature)*  
General Secretary (47)

No.G.398/XI

Dated 14<sup>th</sup> July 2014

Copy forwarded for information and necessary action to the:-

3. Director (POL), Railway Board, New Delhi.
4. Chairman, CTCC, Mumbai in reference to the letter cited above for information only.

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*(Signature)*  
General Secretary (47)

**CENTRAL TANKWAGON CALIBRATION COMMITTEE**

BTFL7I

GROUP NO: BTFL7I		WAGONS IN THE GROUP 5		TWS CALIBRATED 1			
Average Calibration Chart/Loading Data for Tankwagon Nos.							
SCR47091460993, SCR47091461006, SCR47091461013, SCR47091461020, SCR47091461037							
AVERAGE CALIBRATION CHART				AVERAGE LOADING DATA			
Litres	Dip (mms)	Litres	Dip (mms)	Product	c.c. In Tonnes	c.c. In litres	Dip (mms)
100	34	65250	2362	AV.Spirit	51.12	71810	2649
200	49	65500	2373	Motor Spt.	50.80	71810	2649
300	62	65750	2383	Solvent Oil	49.02	71810	2649
400	74	66000	2393	J.P.4	53.69	71810	2649
500	85	66250	2403	Hexane	47.39	71810	2649
750	106	66500	2414	Naptha (Barauni)	52.42	71810	2649
1000	127	66750	2424	Naptha (Koyali)	49.96	71810	2649
1500	163	67000	2433	Benzene	57.18	65880	2388
2000	199	67250	2442	Toluene	57.18	66800	2426
3000	258	67500	2453	Xylene	57.18	66030	2394
4000	309	67750	2463	S.K.	57.18	72180	2668
5000	358	68000	2474	M.T. Subs	56.63	72930	2708
10000	574	68250	2484	M.T. Laws	57.14	72930	2708
15000	759	68500	2494	ATF	57.18	72930	2708
20000	932	68750	2506	HSD	57.18	68490	2494
25000	1085	69000	2517	LDO	57.18	66460	2412
30000	1244	69250	2528	FO/TDO	57.18	61790	2237
35000	1395	69500	2539	AXLE/LUB	57.18	63640	2302
40000	1545	69750	2548	JBO	57.18	67100	2437
45000	1696	70000	2560	AROMEX	57.18	63750	2306
50000	1852	70250	2573	-	-	-	-
55000	2009	70500	2584	-	-	-	-
56000	2040	70750	2596	-	-	-	-
57000	2070	71000	2608	-	-	-	-
57500	2090	71250	2619	-	-	-	-
58000	2109	71500	2634	-	-	-	-
58500	2127	71750	2646	-	-	-	-
59000	2142	72000	2657	-	-	-	-
59500	2157	72250	2672	-	-	-	-
60000	2173	72500	2684	-	-	-	-
60500	2190	72750	2699	-	-	-	-
61000	2208	73000	2712	-	-	-	-
61500	2227	73250	2728	-	-	-	-
62000	2245	73500	2743	-	-	-	-
62500	2262	73750	2758	-	-	-	-
63000	2278	74000	2775	-	-	-	-
63500	2297	74250	2791	-	-	-	-
64000	2315	74500	2812	-	-	-	-
64500	2331	74750	2833	-	-	-	-
65000	2352	74800	2838	-	-	-	-
		VOL. IN LTRS				WT IN MTS	
Cap. to brim		74800		Gross weight		81.28	
Cap. D.P.	4% Air space	71810		Tare weight		24.10	
Cap.N.D.P.	2.50% Air space	72930		Pay load		57.18	
CALIBRATED TW NO.	SCR47091461006			Type : BTFLN		Drawing No:	RSD-6315-052
Date of Calibration	5/28/2014					Spec No:	WD-01-BTFLN-2006
Calibrated by	Tarun Sarkar	Geo-Chem Laboratories Pvt. Ltd					
			Bralthwalte & Co.				sd/- M L SAHAYADASS
							CHAIRMAN, CTCC
MUMBAI	MAY 2014						

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**CENTRAL TANKWAGON CALIBRATION COMMITTEE**

GROUP NO: BTFL7J		WAGONS IN THE GROUP 6		TWS CALIBRATED 1		BTFL7J	
Average Calibration Chart/Loading Data for Tankwagon Nos.							
SCR47091461044 , SCR47091461051 , SCR47091461068 , SCR47091461075 , SCR47091461082							
AVERAGE CALIBRATION CHART				AVERAGE LOADING DATA			
Litres	Dip (mms)	Litres	Dip (mms)	Product	c.c. In Tonnes	c.c. In litres	Dip (mms)
100	36	65250	2367	AV.Spirit	51.05	71710	
200	56	65500	2377	Motor Spt.	50.73	71710	2648
300	68	65750	2387	Solvent Oil	48.96	71710	2648
400	80	66000	2397	J.P.4	53.61	71710	2648
500	90	66250	2407	Hexane	47.32	71710	2648
750	111	66500	2417	Naptha (Baraunt)	52.35	71710	2648
1000	131	66750	2427	Naptha (Koyali)	49.89	71710	2648
1500	169	67000	2437	Benzene	57.16	65850	2391
2000	207	67250	2447	Toluene	57.16	66780	2428
3000	259	67500	2457	Xylene	57.16	66000	2397
4000	313	67750	2467	S.K.	57.16	72150	2671
5000	364	68000	2478	M.T. Subs	56.55	72830	2709
10000	573	68250	2489	M.T. Laws	57.06	72830	2709
15000	763	68500	2499	ATF	57.10	72830	2709
20000	931	68750	2509	HSD	57.16	68460	2497
25000	1090	69000	2520	LDO	57.16	66430	2414
30000	1246	69250	2531	FO/TDO	57.16	61770	2239
35000	1399	69500	2542	AXLE/LUB	57.16	63620	2306
40000	1548	69750	2554	JBO	57.16	67080	2440
45000	1697	70000	2565	AROMEX	57.16	63720	2309
50000	1855	70250	2577	-	-	-	-
55000	2011	70500	2588	-	-	-	-
56000	2041	70750	2600	-	-	-	-
57000	2075	71000	2612	-	-	-	-
57500	2095	71250	2624	-	-	-	-
58000	2110	71500	2638	-	-	-	-
58500	2126	71750	2650	-	-	-	-
59000	2144	72000	2663	-	-	-	-
59500	2160	72250	2677	-	-	-	-
60000	2178	72500	2690	-	-	-	-
60500	2194	72750	2704	-	-	-	-
61000	2212	73000	2719	-	-	-	-
61500	2229	73250	2734	-	-	-	-
62000	2247	73500	2749	-	-	-	-
62500	2265	73750	2765	-	-	-	-
63000	2283	74000	2781	-	-	-	-
63500	2301	74250	2799	-	-	-	-
64000	2320	74500	2818	-	-	-	-
64500	2339	74698	2837	-	-	-	-
65000	2357	-	-	-	-	-	-
		VOL IN LTRS				WT IN MTS	
Cap. to brim		74698				Gross weight	81.28
Cap. D.P.	4% Air space	71710				Tare weight	24.12
Cap. N D.P.	2.50% Air space	72830				Pay load	57.16
CALIBRATED TW NO.	SCR47091461075			Type : BTFLN		Drawing No:	RSD-6315-052
Date of Calibration	5/30/2014					Spec No:	WD-01-BTFLN-2006
Calibrated by	Tarun Sarkar	Geo-Chem Laboratories Pvt. Ltd					
			Braithwaite & Co.				
MUMBAI	MAY 2014						sd/- M.L SAHAYADASS CHAIRMAN, CTCC

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