TABLE 10.

Brake-test at Auckland. Dates: No. 14, 26th April, 1910; Nos. 31–36, 28th April, 1910. Location: Parnell Rise. Type of brake used: Pneumatic wheel and mechanical track brakes. Type of car: double-bogie single-deck, No. 75. Weight of car (total): 48,888 lb. Description of test: Track brake in use; pneumatic emergency applied on signal.

14	7·1	10·4	3·4	25·8	3·05	2·10	8·77	3·67	5·77	0·36	5·41	17·0	No	Rail good.
31	11·1	16·3	6·1	75·4	2·67	1·76	8·77	3·67	5·43	0·36	5·07	16·0	Yes	,,
32	16·0	23·4	7·8	124·8	3·00	2·19	8·77	3·67	5·86	0·36	5·50	17·3	,,	,,
33	16·8	24·4	8·1	126·2	3·01	2·36	8·77	3·67	6·03	0·36	5·67	17·8	,,	,,
34	11·4	16·7	4·8	53·0	3·48	2·63	8·77	3·67	6·30	0·36	5·94	18·6	,,	,,
35	9·2	13·5	3·5	32·4	3·85	2·82	8·77	3·67	6·49	0·36	6·13	19·2	,,	,,
36	11·0	17·6	4·5	45·6	3·90	3·40	8·77	3·67	7·07	0·36	6·71	22·3	,,	,,
Mean	..	..	..	..	..	..	..	..	6·14	..	5·78	18·0		

TABLE 11.

Brake-test at Auckland. Dates: 11, 12, 26th April, 1910; 21–25 and 27–29, 27th April, 1910. Location: College Hill. Type of brake used: Pneumatic wheel and mechanical track brakes. Type of car: Double-bogie single-deck, No. 75. Weight of car (total): 48,888 lb. Description of test: Track brake in action; emergency air applied on signal.

11	13·2	19·4	6·2	85·3	3·13	2·21	11·74	2·75	4·96	0·36	4·60	14·45	Yes	Rail good.
12	16·2	23·7	5·7	98·3	4·15	2·86	11·74	2·75	5·61	0·36	5·25	16·50	,,	,,
21	13·4	19·7	4·3	46·7	4·58	4·15	11·74	2·75	6·90	0·36	6·54	20·60	,,	,,
22	8·6	12·6	3·0	25·3	4·20	3·15	11·74	2·75	5·90	0·36	5·54	17·40	,,	,,
23	11·6	17·0	4·6	57·8	3·70	2·51	11·74	2·75	5·26	0·36	4·90	15·40	,,	,,
24	13·8	20·3	5·3	69·6	3·83	2·96	11·74	2·75	5·71	0·36	5·35	16·80	,,	,,
25	11·2	16·4	4·0	43·2	4·10	3·11	11·74	2·75	5·86	0·36	5·50	17·30	,,	,,
27	15·2	22·3	6·9	112·6	3·22	2·21	11·74	2·75	4·96	0·36	4·60	14·45	,,	,,
28	15·2	22·3	6·5	111·3	3·42	2·24	11·74	2·75	4·99	0·36	4·63	14·50	,,	,,
29	15·8	23·2	6·9	113·0	3·36	2·38	11·74	2·75	5·13	0·36	4·77	15·00	,,	,,
Mean	..	..	..	..	..	..	..	..	5·53	..	5·17	16·10		

TABLE 12.

Brake-test at Auckland. Date: 1st May, 1910. Location: Wellesley Street East. Type of brake used: Pneumatic wheel and mechanical track brake. Type of car: Double-bogie single-deck, No. 75. Weight of car (total): 48,888 lb. Description of test: Track brake in use; then emergency air applied on signal.

64	18·1	26·5	8·3	154·1	3·20	2·27	14·19	2·27	4·54	0·36	4·18	13·00	Yes	First of series eliminated from mean.
65	13·6	19·9	4·7	65·2	4·23	3·04	14·19	2·27	5·31	0·36	4·95	15·34	No	Rail good.
66	13·1	19·2	4·5	59·7	4·27	3·08	14·19	2·27	5·35	0·36	4·99	15·50	,,	,,
67	9.0	13·2	2·8	26·0	5·07	3·36	14·19	2·27	5·63	0·36	5·27	16·40	,,	,,
68	11·2	16·4	4·0	43·7	4·10	3·08	14·19	2·27	5·35	0·36	4·99	15·50	,,	,,
69	15·9	23·3	5·4	76·3	4·32	3·56	14·19	2·27	5·83	0·36	5·47	17·10	,,	,,
70	18·0	26·3	6·7	112·8	3·93	3·06	14·19	2·27	5·33	0·36	4·97	15·50	,,	,,
Mean of Nos. 65–70		..	..	..	..	..	..	..	5·47	..	5·11	15·87		