

6. I have again to draw your attention to the fact that the expenditure in the Weights and Measures Branch might be considerably lessened in many of the divisions without affecting the efficiency of the service, by reducing the staff of assistant inspectors.

INSPECTION OF GAS.

7. The total revenue collected during the fiscal year ended 30th June, 1893, for the inspection of gas and gas meters, was 13,205.91, as compared with \$8,693.75 collected during the year ended 30th June, 1892.

8. The total expenses were \$19,241.03, as against \$18,654.72 expended during the year ended 30th June, 1892.

9. Appendix "E" gives a summary statement of the receipts and expenditure of each Gas Inspection District.

10. The details of gas meter inspection will be found in Appendix "F." The result, as compared with last year, may be stated as follows:—

	Presented for Verification.	Rejected.
1891-92	9,776	190
1892-93	10,194	165

11. A statement of the illuminating power and purity of gas inspected during the year will be found in Appendix "G."

12. The illuminating power, where inspection has been made, has been as follows:—

Places.	Number of Tests made.	Number of times below Standard.	Places.	Number of Tests made.	Number of times below Standard.
Barrie	12		Sarnia	9	
Bellefille	34		Stratford	12	
Berlin	12		do No. 2		
Brantford	11		St. Catharines	11	
Brockville	12		St. Thomas	12	
Chatham	12		Toronto	104	
Cobourg	12		Windsor	12	
Cornwall	12		Woodstock	12	
Dundas	11		Montreal	103	
Galt	12		Quebec	12	
Guelph	12		Sherbrooke	12	
Hamilton	14		Chatham, N.B	35	1
Ingersoll	12		Fredericton	12	
Kingston	47		Moncton	11	
Lindsay	11		St. John, N.B	71	
Listowel	12		Halifax	25	
London	36		Pictou	12	
Napanee	12		Yarmouth	12	
Ottawa	24		Charlottetown	33	
Owen Sound	12		Winnipeg	12	
Peterborough	12		Victoria	33	
Port Hope	12				

TESTS FOR PURITY.

13. Gas has been tested for sulphur and ammonia at Ottawa, Toronto, Montreal, Quebec, St. John and Halifax.

14. In Ottawa total number of tests made was:—

For sulphur, 24 tests, never in excess.

For ammonia, 24 tests, 9 times in excess.

For sulphuretted hydrogen, 24 tests, 1 present.