

Mr. Kerr was a manager of Coal Gas works for about thirty years.

Mr. F. H. Hambleton, the engineer of the large Lowe Works of the Consolidated Gas Company of Baltimore, Md., in connection with which there are two Coal Gas works, writes as follows, under date of the 24th inst.:—"I have to say that we are not troubled about our candle power, and that the city inspector reports us as making a variation from the average of *less than one candle for months; in fact, ever since we started.*"

"We are satisfied, and have fewer complaints by long odds from our consumers of Oil Gas than from those using Coal Gas."

The manager of the Lancaster, Pa., Works writes:

"The candle power is not variable after it leaves the holder, as I have frequently tested. We take the candle power at the works, and from tests at my house, one and a quarter miles distant, there is no perceptible difference. I am now running besides our works *the Coal Gas Works* of the old Company, and with the best skill *I cannot prevent that gas from varying, and will abandon gas making at these works soon after January next, and make all by the Lowe Process.*"

APPENDIX "C."

DR. E. FRANKLAND, of the Royal College of Chemistry, South Kensington Museum, London, writes regarding the Water Gas manufactured by the Municipal Gas-Light Company of New York:—"In compliance with your request, I have read the reports of DR. HENRY WURTZ, dated January 1st, 1878, and March 4th, 1878, on the composition and properties of the gas of the Municipal Gas-Light Company of New York, and also the articles published by Professor H. MORTON, in the *American Gas Light Journal* of March 2nd and 16th, 1878, and having been called on to express my opinion as to the adaptability of this gas for lighting and heating purposes, I have no hesitation in saying that it may be used with safety both in public buildings and private houses. I should be delighted to substitute this *pure and powerful illuminating agent* for the gas with which my house in London is at present supplied, although it is used in all the bedrooms."

DR. ADOLPHE WURTZ, member of the Institute, Professor at the School of Medicine and the School of Sciences, Paris, writes regarding the same gas: