

Cable, - Purchase of.

In respect to the purchase of cable, as referred to in the proceedings of April 29th., and May 10th., 1912, the Secretary submitted reports, as follows, of tests of cable delivered by the successful bidder, the Safety Insulated Wire & Cable Company of New York:-

"Baltimore, June 8th., 1912.

Board of Police Commissioners,  
City.

Gentlemen:-

I desire to report on the sample of cable submitted by the Safety Insulated Wire & Cable Co., and would state that the tin in the lead sheath analyzes 1.84%, whereas the specifications call for 3%. Otherwise the cable meets the requirements.

Yours very truly,

H. K. McCAY, City Engineer."

"Baltimore, June 11, 1912.

Mr. Josiah A. Kinsey, Secretary,  
Board of Police Commissioners.

Dear Sir:-

I hand you herewith report on the second cable which you submitted to this Department for test.

Yours very truly,

H. K. McCAY, City Engineer."

MUNICIPAL TESTING LABORATORY.

Analysis of Combination Cable submitted by the  
Board of Police Commissioners on  
June 7, 1912.

Made by the Safety Insulated Wire and Cable Co.  
114 Liberty st., New York City, N.Y.  
Lab. #206.

Rubber (Para)-----	33.46%
Thickness of lead sheath,-----	1/8 inch.
Tin in lead sheath, -----	1.84%

Specifications.

Rubber (Para)-----	30.00%
Thickness of lead sheath, -----	1/8 inch.
Tin in lead sheath (not less than)-----	3.00%

H. R. GUNDLACH, Chemist."

In submitting the reports, as above, the Secretary stated that this instance is the first in which cable purchased by the department had been subjected to chemical analysis, because of lack of proper facilities; that the combination of tin with lead in the make-up of the cable armor which affects the cost thereof, is specified not that the wearing qualities are improved, but for the purpose of facilitating the induction of the cable into the underground conduits; that from the statement of the Superintendent of the Signal & Telephone Service cable heretofore furnished by the said Safety Insulated Wire & Cable Company of New York, under similar specifications, had met the requirements of the service.

It was ordered that the Superintendent of the Signal & Telephone