

## THE EDISON ELECTRIC LIGHT CO., OF PHILADELPHIA.

TELEPHONE NO. 2129.

L. D. BROWN, PRES.

B. K. JAMISON, VICE-PRES.

A. V. SLOAN, SEC'Y AND TREAS.

OFFICE, 927 CHESTNUT ST., PHILA.

PAY BILLS AT 927 CHESTNUT STREET, 2d FLOOR.

ADDRESS COMMUNICATIONS CONCERNING SERVICES, LAMPS, WIRING, METERS, MOTORS, AND ALL MATERIALS, TO WM. D. MARKS, SUPERVISING ENGINEER AND GENERAL MANAGER, AT CENTRAL STATION, 908 AND 909 SANSON STREET TELEPHONE NO. 820.

**IF YOU WANT CHEAP POWER, USE A MOTOR.****THE EDISON CURRENT IS ABSOLUTELY FREE FROM DANGER TO LIFE.**

SERVICES AND LAMPS FREE OF CHARGE.

CURRENT SOLD BY METER.

CIRCULARS ON APPLICATION.

PHILADELPHIA, Feb 28<sup>th</sup> 1890

Col. C. C. Bosbyshell

Supt U. S. Mint

Phila Pa

Dear Sir:

I have received through our Genl Agent, Mr Maxwell and also through our Inspector, Mr Massey, requests from both you and Col. Egan regarding the placing of additional lamps in the U. S. Mint, for which sockets are now in position. I have been unable to do this, although very anxious to do, on account of the danger of burning out a man which is too small, running from the S.E. cor - Chestnut and Broad Sts down past the Mint. We desire to relay this space as soon as possible, but I am advised by Chief Walker that it is impossible for us to do so on an ordinary permit, it will therefore be necessary to bring the matter before the Board of Highway Supervisors, of which Genl Stagner is Pres.

In order to get prompt action in this matter I shall be obliged to ask your

THE EDISON ELECTRIC LIGHT CO., OF PHILADELPHIA.

TELEPHONE NO. 2129.

L. D. BROWN, PRES.

B. K. JAMISON, VICE-PRES.

A. V. SLOAN, SEC'Y AND TREAS.

OFFICE, 927 CHESTNUT ST., PHILA.

PAY BILLS AT 927 CHESTNUT STREET, 2D FLOOR.

ADDRESS COMMUNICATIONS CONCERNING SERVICES, LAMPS, WIRING, METERS, MOTORS, AND ALL MATERIALS, TO WM. D. MARKS, SUPERVISING ENGINEER AND GENERAL MANAGER, AT CENTRAL STATION, 908 AND 909 SANSOM STREET TELEPHONE NO. 820.

IF YOU WANT CHEAP POWER, USE A MOTOR.

THE EDISON CURRENT IS ABSOLUTELY FREE FROM DANGER TO LIFE.

SERVICES AND LAMPS FREE OF CHARGE.

CURRENT SOLD BY METER.

CIRCULARS ON APPLICATION.

PHILADELPHIA,

2/28/90

- assistance and if you will kindly send me a letter introducing the matter to Genl Hagner's attention, I would deliver it in person and tell him exactly what I wish to do, - which is, to run from the corner of Broad & Chestnut St down past the Markt with a heavier tube and copper wire than is now in.

I can do this work at night and at a very little inconvenience, provided we get permission.

Trusting that you will be able to assist me in this matter.

Yours

Very Resp Yours  
 W D Marks

Supr. Engr. & Gen'l Manager.

THIS COMPANY SOLICITS, AS A PERSONAL FAVOR, REPORTS ENABLING IT TO SEE THAT WIRING FOR ITS CUSTOMERS IS DONE THOROUGHLY, AND BEGS YOUR CONSIDERATION OF THE SUBJOINED EXTRACTS FROM ITS WIRING RULES:

---

## USE THE EDISON 3-WIRE SYSTEM; IT IS THE CHEAPEST AND THE BEST.

---

### BY WHOM THE WIRING SHOULD BE DONE.

No guesswork is safe. All firms undertaking to wire buildings should employ foremen capable of intelligently computing the sizes of wire required for given number and distance of lamps. Before an installation is turned over to the purchaser it should be inspected and approved by an authorized inspector of this Company; *but this Company will not assume any responsibility for defects which may develop, the responsibility for defects or loss remaining wholly with the firm doing the wiring.*

### INSPECTION.

Should the wiring, on inspection, appear to be defective, this Company will so report to the person or persons for whom the wiring is done, and will not turn on the current until it receives a written acknowledgment of such notice and a release from all responsibility for accidents or defective lighting.

### REPORTS.

All firms doing wiring for this Company will make detailed written reports on blanks furnished on application at this office for each house and this report will be verified by the inspector in detail before current is turned on.

### APPLIANCES.

Samples of all the appliances required for electric lighting, insulators, porcelain cut-outs and safety plugs, switches of various capacities, lamp sockets, brackets, electroliers, etc., will be kept on exhibition at the office, 909 Sansom Street, and orders will have immediate attention. This Company owns and is the sole agent for all of the Edison patents within the limits of Philadelphia.

### CUT-OUTS AND SAFETY-PLUGS.

Incombustible cut-outs should be located wherever the size of wire changes. See that the end of the wires are perfectly clean and free from oxide. See that the set screw grips firmly on the wire, so as to flatten it a little. See that the wire is not too small for this. The "cut-out" or fusible safety plug melts and breaks the current and prevents overheating of wires when overloaded or short circuited. No cut-out carrying over 5 amperes should be single pole.

### SWITCHES.

Switches should be placed in dry, accessible places, group them if possible and mark circuits which they control. See that all contact surfaces are bright and clean, and set firmly against each other. Switches of various ampere capacity are directly procurable from us.

### FIXTURE WIRING.

The interior of pipes in fixtures, when open to the air, is very liable to moisture from condensation. Plug the ends, so as to hermetically seal, with putty, cement, asphaltum, wax, india-rubber or cork. An insulating joint should electrically separate the whole fixture from the gas pipe or earth. Wire outside of fixtures must have extra good insulation, wires inside should not come in contact with sharp edges or burrs. Special care is required. No paraffine insulation should be used, nor should cotton painted wire be used.

### TESTING.

Individual circuits of every building wired will be tested for grounds and crosses with a magneto generator, capable of ringing through 20,000 ohms, before the current is put on.

NARA RG104, Entry 1, Box 162

The Edison Electric Light Co., of Philadelphia.  
Philadelphia, February 28, 1890.

Col. O.C. Bosbyshell  
Supt. U.S. Mint  
Phila. Pa.

Dear Sir: -

I have received through our Gen'l Agent, Mr. Maxwell and also through our Inspector, Mr. Massey, requests from both you and Col. Ege regarding the placing of additional lamps in the U.S. Mint, for which sockets are now in position. I have been unable to do this, although very anxious so to do, on account of the danger of burning out a main which is too small, running from the S.E. Cor. - Chestnut and Broad Sts. down past the Mint. We desire to relay this space as soon as possible, but also I am advised by Chief Walker that it is impossible for us to do so on an ordinary permit; it will therefore be necessary to bring the matter before the Board of Highway Supervisors, of which Gen'l Wagner is Pres't.

In order to get prompt action in this matter I shall be obliged to ask your assistance and if you will kindly send me a letter in reducing the matter to Gen'l Wagner's assertion, I would deliver it in person and tell him exactly what I wish to do, which is so run from the cor. of Broad & Chestnut St. down past the Mint with a heavier tube and copper wire than is now in.

We can do this work at night and at a very little inconvenience, provided we get permission.

Trusting that you will be able to assist us in this matter.

I am very resp. yours,  
Wm. D. Marks  
Supr. Engr. & Gen'l Manager.

[Attached informational pamphlet:]

This company solicits, as a personal favor, reports enabling it to see that wiring for its customers is done thoroughly, and begs your consideration of the subjoined extracts from its wiring rules:

Use the Edison 3-Wire System;  
It is the Cheapest and the Best.

By whom the wiring should be done.

No guesswork is safe. All firms undertaking to wire buildings should employ foremen capable of intelligently computing the sizes of wire required for given number and distance of lamps. Before an installation is turned over to the purchaser it should be inspected and approved by an authorized inspector of this Company; but this Company will not assume any responsibility for defects which may develop, the responsibility from defects or loss remaining wholly with the firm doing the wiring.

Inspection.

Should the wiring, on inspection, appear to be defective, this Company will so report to the person or persons for whom the wiring is done, and will not turn on the current until it receives a written acknowledgment of such notice and a release from all responsibility for accidents or defective lighting.

Appliances.

Samples of all the appliances required for electric lighting, insulators, porcelain cut-outs and safety plugs, switches of various capacities, lamp sockets, brackets, electroliers, etc., will be kept on exhibition at the office, 909 Sansom Street, and order will have immediate attention. This Company owns and is the sole agent for all of the Edison patents within the limits of Philadelphia.

Cut-outs and Safety-Plugs.

Incombustible cut-outs should be located wherever the size of wire changes. See that the end of the wires are perfectly clean and free from oxide. See that the set screw grips firmly on the wire, so as to flatten it a little. See that the wire is not too small for this. The "cut-out" or fusible safety plug melts and breaks the current and prevents overheating of wires when overloaded or short circuited. No cut-out carrying over 5 amperes should be single pole.

Switches.

Switches should be placed in dry, accessible places, group them if possible and mark circuits which they control. See that all contact surfaces are bright and clean, and set firmly against each other. Switches of various ampere capacity are directly procurable from us.

Fixture Wiring.

The interior of pipes in fixtures, when open to the air, is very liable to moisture from condensation. Plug the ends, so as to hermetically seal, with putty, cement, asphaltum, wax, india-rubber or cork. An insulating joint should electrically separate the whole fixture from the

NARA RG104, Entry 1, Box 162

gas pipe or earth. Wire outside of fixtures must have extra good insulation, wires inside should not come in contact with sharp edges or burrs. Special care is required. No paraffine insulation should be used, nor should cotton painted wire be used.

Testing.

Individual circuits of every building wired will be tested for grounds and crosses with a magneto generator, capable of ringing through 20,000 ohms, before the current is put on.