

POSTS AND TELS.
ELECTRIC LIGHTING.

C.S.

193 6.

No. 239/36.

Ag Chief Electrician.

SUBJECT.

193 6.

19th October.

FAULT IN WIRING SYSTEM OF ELECTRIC LIGHT SERVICE.

Previous Paper.

MINUTES.

Minute from Ag Chief Electrician. 19/10/36.

Y.E.

Submitted.

- I have discussed this matter with the Ag. Ch. Electrician and immediate action seems necessary.
2. I would go further than the A.C.E. and suggested all the buildings referred to should be re-wired. It may only be possible to do the first three buildings this year and I seek Y.E.'s approval to despatch a telegraphic indent.
 3. With regard to the cost of re-wiring the Cathedral, Parish Hall and Malvern House I think that it is under some obligation to re-wire these premises without cost to the owners or occupiers as it would reflect rather badly on the Department concerned if it became known that the wrong type of wire had been used. I understand from the C.E. that there are no other buildings wired with this type of wire.

Y.E.
20th 1936

Approved
J.H.H. 20th 10/36

Subsequent Paper.

Ag. C. E.

To note the approval of His Excellency,
Please submit a telegraphic indent for
the articles required for work which can be
carried out this year together with a
confirmation copy of the indent

Rec.
21/11/36

Hon. C. S.

The requirements submitted please.

It was not possible to foresee
this expenditure when estimates were prepared
for 1937, and consequently there has been
no provision made for the purchase of
this material. There will not be
sufficient funds available this year to
meet the expenditure, therefore I would
be glad to receive your instructions
indicating under what head the cost
of the materials may be made against

A. Mercer
Ag. C. E.
30. 10. 36.

Ch. Ch.

As no work can be carried out this year
please submit an indent.

Rec.
27/11/36

Hon. C. S.

Indent Submitted. please

A. Mercer
Ag. C. E.
13/11/36.

P. H.
18/11/36

(y)

Electrical Department,
Stanley,
19th October, 1936.

Sir,

I have the honour to report that a fault in the Electric Light System was reported to me on the night of 4th of October, by the Engineman, Mr. Hennah.

Tests were made thereafter and part of the trouble was located in the Church Hall and was rectified. Further examination continued, and a serious fault was discovered in the east end of the loft in the Hospital, last Thursday morning it was discovered that one of the four "mains" in the Hospital had been burnt through and that the woodwork, through which the mains have been laid, was badly charred. The seriousness of this discovery can not be over emphasised, and I believe that a serious disaster has only just been prevented.

A thorough examination and test was made of the Hospital and I find that the wiring, with the exception of the emergency lights, is in a most unsatisfactory condition.

The original wiring which was cheap, was not designed to carry the yearly increasing load put upon, and consequently the increased power drawn through the wire caused a rise in temperature, which destroyed any insulating properties the wire was covered with.

The following buildings have been wired with the same class of wire and the remarks above will also apply, Government House, Town Hall, The six Government Bungalows, Cable House, Mr A.G.Bennetts, Mrs A.Feltons, Malvina House, The Cathedral and Parish Hall.

I consider it essential therefore to have the wiring of the Hospital, Town Hall and Government House reorganised with new wire, so that any additions to the wiring in the

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future can be made in such a manner as to conform with the I. E. E. Wiring Rules - 10th Edition dated Sept. 1934.

For the rewiring and reorganising of the above three buildings it will be necessary to obtain the following material: 5000yards twin lead covered wire at £73, 1,000 yards triple lead covered wire at £24 together with Distribution boards, Junction boxes and iron clad switches at £48.

This expenditure of course was not included in the estimates for 1937 as I was not aware that the condition of the wiring in question was faulty.

I would be glad to receive instructions as to whether this work is to be done, and under what head the expenditure, if approved, may be made against.

I have the honour to be

Sir,

Your obedient servant

A. Mercer
Acting Chief Electrician

The Honourable

Colonial Secretary

Stanley

No. 239/36

(It is requested that, in any reference to this minute, the above Number and the date may be quoted).

MINUTE.

30th October 19 36

From Acting Chief Electrician

Stanley

To

THE COLONIAL SECRETARY,

Stanley, Falkland Islands.

The following is submitted as being the requirements for rewiring the buildings mentioned in 239/36.

All items to be obtained from The General Electric Co Ltd, Magnet House, London. W.C.2.

1. 5,000 Yds 2x3/.029 600 Meg Acmite twin flat L.C. with bonding wire.
2. 500 Yds as above but three core.
3. 500 Yds 2x7/.036 600 Meg twin flat L.C. with bonding wire.
4. 3 six double way distribution fuse boards 10 amp 250 volt catalogue No S.206.
5. 2 four double way as above but 30 amps 250 volts No S.154.
6. 18 four double way as item 4 No S.204.
7. 25 15 amp X 3020 I/C Switches.
8. 20 dozen M.W. 8474 Tee boxes Bakelite.
9. 12 dozen M.W. 8476 Round boxes Wittonite.
10. 20 gross M.W. 8429 wiring clips.
11. 10 gross M.W. 8430 wiring clips.

A Mercer
Acting Ch Elec
30.10.36