

(b) To the Telegraph Engineer, seven days' notice :

Provided that notice to the Telegraph Engineer shall not be necessary where there is no telegraph-line within 5 chains of the proposed additional installation or alteration unless such electric line is—

- (i) An extra-high pressure electric line ; or
- (ii) At a street intersection.

(3) If before an initial installation, or additional installation, is used for conveying, transmitting, or distributing electrical energy any variation is made or intended to be made in the erection, or laying, or construction thereof from the plans and other particulars accompanying any notices given under clause (1) or clause (2) hereof, then before erecting, or laying, or constructing any work in accordance with such variation the licensee shall give the like notices of such variation as are required by clause (1) or clause (2) hereof (as the case may be) :

Provided that this clause shall not apply in the case of an electrical line of medium pressure or any lower pressure.

(4) Nothing in this regulation shall require notice of maintenance work not amounting to an alteration as herein defined.

(5) No extra-high pressure electric line shall be erected until the route has been approved in writing.

22-22. (1) Every notice required by the last preceding regulation shall be in writing.

(2) Every such notice shall be accompanied by a plan (or plans) showing the location of all electric lines proposed to be erected, the material of the covering (if any), the height of the poles or other supports (if any), and the pressure at which it is proposed to operate such lines.

(3) Every notice to be given to the Chief Electrical Engineer under clause (1) or clause (2) of the last preceding regulation shall also be accompanied by a statement, in such form as the Minister directs, of the calculated strength of all line supports.

(4) If any aerial conductor of a size other than that mentioned in the tables of sags and tensions set out in Division VIII hereof is proposed to be used, the notice to be given to the Chief Electrical Engineer as aforesaid shall also be accompanied by a table giving in respect of such conductor similar particulars to those given in the tables in the said Division.

(5) The plan (or plans) showing the location of the lines shall be on a white ground of durable material, and be prepared to a scale of not less than 1 in. to a mile. All plans shall, wherever practicable, be supplied in foilsap size, but where that size is not practicable they shall be supplied in sections not greater than 22 in. by 30 in.

(6) All locality plans shall have the north point marked thereon and shall contain sufficient information to enable the locality to be readily identified on a survey map. In showing the pressure at which it is proposed to operate the electric lines the following colours shall be used on all plans :—

- (a) Blue to indicate extra-high pressure over 11,000 volts ; and
- (b) Red to indicate extra-high pressure not over 11,000 volts ; and
- (c) Yellow to indicate high pressure ; and
- (d) Green to indicate medium pressure and any lower pressure.

#### INSPECTION.

22-31. (1) Before using any initial installation, or any additional installation, to which clause (2) of Regulation 22-21 hereof applies, for conveying, transmitting, or distributing electrical energy (otherwise than for testing purposes as may be required by the Chief Electrical Engineer or the Telegraph Engineer), the licensee shall, for the purpose of enabling inspections to be made of such installation or any part thereof, give the following notices of completion of the work of erection, or construction :—

(a) To the Chief Electrical Engineer, one month's notice ; and

(b) To the Telegraph Engineer, one month's notice :

Provided that such notice may be given prior to the actual completion of the work if the estimated date of completion be set out in the notice.

(2) Each of the notices to be given under clause (1) of this regulation shall be accompanied by a plan of the lines to be inspected, setting out such details as are necessary to show routes completed and pressure at which it is proposed to operate the electric lines. Every such plan shall be in accordance with the requirements of clause (5) and clause (6) of Regulation 22-22 hereof.

22-32. The licensee shall not, without the written permission of the Minister, use any initial installation for conveying, transmitting, or distributing electrical energy (otherwise than for testing purposes as may be required by the Chief Electrical Engineer or the Telegraph Engineer) until the licensee has received from the Minister notice in writing that the Inspecting Engineer has certified to him that the work of

erection and construction hereof has been satisfactorily carried out.

22-33. (1) The licensee shall not use any additional installation, or resume after alteration thereof the use of any electric line, unless the work of erection, or laying, or construction, or alteration thereof (as the case may be) has been carried out in strict conformity with the requirements of these regulations and, in the case of high pressure or extra-high pressure lines, unless the licensee shall have given to the Telegraph Engineer notice in writing at least seven days before the lines are so used of the intention of the licensee so to use the lines.

(2) If an Inspecting Engineer is at any time of opinion that the erection, or laying, or construction, or alteration of any line used pursuant to clause (1) of this regulation has not been carried out in strict conformity with the requirements of these regulations, the Minister may, by notice in writing :—

(a) Call upon the licensee forthwith to discontinue the use of such line until the Minister is satisfied that the requirements of these regulations have been complied with, and upon receipt of such notice it shall not thereafter be lawful for the licensee to use such line until the licensee has received from the Minister notice in writing that the Minister is so satisfied ; or

(b) Call upon the licensee forthwith to carry out, within such time as may be specified in such notice, such work as may be necessary to make the line comply with the requirements of these regulations ; and after the expiration of the time specified in such notice it shall not be lawful for the licensee to use such line until the licensee has received from the Minister notice in writing that the Minister is satisfied that the line has been made to comply with the requirements of these regulations.

#### PART 23.—RECORDS AND REPORTS.

##### RECORDS TO BE KEPT.

23-01. (1) From the date of commencement of supply the licensee, if a local authority or other public body, shall keep such records as may be necessary to supply annually to the Chief Electrical Engineer such information as he may require.

(2) The electrical supply authority shall also keep a record of each consumer's installation connected to the system, showing in a readily accessible form the names of the contractor, registered electrical wireman in charge, and inspector responsible for such installation, together with all relevant dates and tests in connection with the carrying out and inspection of such installation.

23-02. (1) The licensee shall prepare and maintain a plan or plans showing the location of all works, lines (other than service-lines), substations, and transformers erected from time to time.

(2) Such plan (or plans) shall be brought up to date within one month of the completion of any extension, shall show the date of putting each electric line into service, and shall be available at any time for examination by the Inspecting Engineer.

23-03. (1) The licensee shall, not later than the thirtieth day of June each year, furnish to the Chief Electrical Engineer, in such form as the Minister may require, a summarized list of, or, alternatively, a plan showing all extensions and alterations (whether more or less than 40 chains in length) to the electric lines of the licensee made during the twelve months ended on the thirty-first day of March of that year.

(2) Each of such respective lists (or plans) shall contain the following details :—

- (a) Date of completion of erection, or laying, or construction of each extension or alteration ; and
- (b) Location or route ; and
- (c) Whether bare, covered (T.B.), or covered (V.I.R.) ; and
- (d) Length of each extension erected or alteration made ; and

(e) Voltage of each extension erected or alteration made.

(3) In the case of extensions to, or alterations of, underground cables the licensee shall, within fourteen days after the end of each calendar month, furnish to the Telegraph Engineer a plan (or plans) giving all details of the actual location of such cables.

(4) For the purposes of this regulation an extension that has been erected, or made, includes every electric distribution-line that is used, or available for use, for the supply of electrical energy to consumers notwithstanding that such distribution-line comprises part of an installation the other part of which is not so used or available for use.

(5) For the purposes of this regulation the terms " altered " and " alteration " shall have the same meaning as that given to the term " alteration " in Part 22 hereof.

23-04. The licensee shall keep records of—

- (a) Every earth test in accordance with Regulation 51-03 hereof ; and