

ELECTRICITY SUPPLY REGULATIONS*

PART I.—PRELIMINARY.

- Citation.** 1. These Regulations may be cited as the Electricity Supply Regulations.*
- Parts.** 2. These Regulations are divided into parts as follows:—
 Part I.—Preliminary.
 Part II.—Conditions of Supply.
 Part III.—Licensing of Electrical Mechanics.
 Part IV.—Miscellaneous.
- Commence-
ment.** 3. These Regulations shall come into operation on a date to be fixed by the Administrator by notice in the *Gazette*.†
- Definitions.** 4. In these Regulations, unless the contrary intention appears—
 “approved” means approved by the Administrator;
 “authorized officer” means a person authorized by the Administrator in accordance with regulation 5 of these Regulations;
 “Board” means the Electrical Mechanics Licensing Board constituted in accordance with these Regulations;
 “consumer” means a person who has made application for, or to whom is supplied, electricity under these Regulations;
 “consumer’s installation” includes all electrical wiring, fittings and apparatus installed on and within the consumer’s premises after the point of attachment;
 “consumer’s service” means the line or cable from the supply line to the point of attachment;
 “electrical mechanic” means a person who, for fee, reward, wages, other remuneration, or otherwise engages in the work of installing wires, fittings, or other apparatus for conveying, controlling, or utilizing electrical energy for light, heat, power or any other purpose;
 “Electrical Mechanic’s Licence” means a licence issued and in force under these Regulations;
 “Officer” means any person employed by the Commonwealth to carry out duties under these Regulations;

* The Electricity Supply Regulations, in force under the *Supply of Services Ordinance 1952–1965*, comprise the following Regulations:—

Year and Number	Date on which made	Date notified in <i>Northern Territory Government Gazette</i>	Date of Commencement
1953, No. 11 ..	26th November, 1953 ..	9th December, 1953 ..	(See r. 3 above)
1954, No. 7 ..	6th July, 1954 ..	14th July, 1954 ..	14th July, 1954
1958, No. 6 ..	19th July, 1958 ..	30th July, 1958 ..	30th July, 1958
1958, No. 13 ..	26th September, 1958 ..	1st October, 1958 ..	1st October, 1958
1962, No. 9 ..	16th April, 1962 ..	26th April, 1962 ..	26th April, 1962
1963, No. 6 ..	10th May, 1963 ..	22nd May, 1963 ..	22nd May, 1963

† The date fixed was 27th January, 1954—see *Northern Territory Government Gazette* No. 4 of 27th January, 1954.

"point of attachment" means the point where the consumer's service line is physically terminated;

"premises" for the purpose of these Regulations means all buildings and land occupied by the consumer;

"person" includes firm or company;

"quarter" means any period of three months;

"supply line" means a wire or wires, or conductor, or other means of distributing or transmitting electricity, together with any casing, coating, covering, tube, pipe, pole, post, frame, bracket or insulator enclosing or other means of distributing or transmitting electricity or any part thereof, or any apparatus connected therewith, for the purpose of distributing or transmitting electricity, and owned by the Commonwealth;

"unit of electricity" means one kilowatt hour;

"works" means and includes electric lights, and any buildings, machinery, engines, works, matters, or things of whatever description required to supply electrical energy.

5.—(1.) The Administrator may by instrument in writing under his hand, authorize officers to carry out the functions, powers and duties under these Regulations specified in the instrument.

Administrator may authorize officers to carry out duties, &c.

(2.) A copy of any such instrument signed, or purporting to be signed, by the Administrator shall be sufficient authority for the person named therein to carry out the functions, powers and duties specified in the instrument.

PART II.—CONDITIONS OF SUPPLY.

6. All power and lighting installations shall be in accordance with the service and installation rules in the First Schedule to these Regulations.

Service and Installation Rules.

7.—(1.) The Administrator may from time to time by notice in the *Northern Territory Government Gazette*—

Administrator may declare, &c., charges.

(a) determine charges, being charges approved by the Administrator in Council, to be the charges to be made for electricity supplied;

Sub-reg. (1.) substituted by 1963, No. 6.

(b) amend or vary such charges but so that such charges as amended or varied are charges approved by the Administrator in Council; and

(c) fix a date to be the date from which such charges, or such charges as so amended or varied, shall apply.

(2.) A different rate of charge may be declared for each different class of consumer specified in the notice in the *Gazette* and the charge for each class of consumer may be related to a specified quantity of electricity consumed.

* * * * *

7A.—(1.) Notwithstanding the last preceding regulation, where a consumer makes application in writing to the Administrator that the charge for electricity supplied to him at specified premises be at a rate other than the

Sub-regs. (3.) and (4.) omitted by 1958, No. 13.

Special rates. Inserted by 1958, No. 13. Sub-reg. (1.) amended by 1963, No. 6.

rate applicable under that regulation, the Administrator may offer to supply electricity to the consumer at those premises at such rate, being a rate approved by the Administrator in Council, and on such terms and conditions as the Administrator thinks fit and specifies in the offer.

(2.) If the consumer accepts the offer, electricity supplied to the consumer at those premises shall be supplied at the rate and on the terms and conditions specified in the offer.

Administrator
not compellable
to supply
electricity.

8. The Administrator shall not be compellable to supply or continue to supply electricity to any person.

Administrator
not liable for
damages if
supply
discontinued.

9. The Administrator shall not be liable to any penalty or damages for not supplying or continuing to supply electricity to any person if the want of such supply arises from unavoidable cause or accident, or a necessity to effect repairs or alterations to any supply line or works, or from such other cause as in the opinion of the Administrator, is sufficient.

Administrator
may restrict
and regulate
use of
electricity.

10. In the case of accident, or necessity to effect repairs or alterations to any supply line or works, or unavoidable cause, or to distribute electricity equitably, the Administrator may restrict, regulate, or restrict and regulate, the use of electricity.

Administrator
may cut off
supply of
electricity.

11. The Administrator may cause the supply of electricity to any consumer to be cut off—

- (a) for such time as is necessary for the purpose of testing, or for any other purpose connected with the efficient working of the undertaking;
- (b) if the consumer commits or permits any offence under these Regulations;
- (c) if the consumer obstructs any officer in the exercise of any power under these Regulations;
- (d) if the consumer's installation does not comply with the requirements of the service and installation rules for the supply of electricity as prescribed in the First Schedule of these Regulations.
- (e) if the consumer fails to pay any moneys due for electricity supplied or for apparatus hired or for any other charges payable under these Regulations,

and may discontinue the supply of electricity so long as such offence or cause remains or is not remedied, or such moneys or charges are not paid.

Form of
application
for supply.

12. Subject to these Regulations the Administrator may supply electricity to any person upon receipt of an application in accordance with Form "A" in the Second Schedule to these Regulations.

Security.

13. Before supplying electricity to any person, the Administrator may require him to lodge a deposit as security for the payment of charges as they become due, and for the proper care and custody of apparatus belonging to the Undertaking which may be, or be required to be, installed on his premises.

Administrator
may refund
deposit.
Inserted by
1954, No. 7.

13A. The Administrator may at any time in his absolute discretion, refund to the consumer all or portion of the deposit lodged by the consumer under these Regulations.

13B.—(1.) When the consumer has lodged a deposit and the supply of electricity is subsequently cut off from the consumer at the consumer's own request the consumer shall apply in writing to the Administrator within three months from the supply of electricity to the consumer being cut off for a refund to him of the deposit lodged by him and the Administrator shall, subject to the following sub-regulations, return the deposit to the consumer.

Supply cut off at consumer's request.
Inserted by 1954, No. 7.

(2.) If at the time of the cutting off of the supply of electricity there is owing some amount by the consumer for the use of electric power then such amount shall be deducted from the deposit and the Administrator shall refund the balance to the consumer.

(3.) If at the time of the cutting off of the supply of electricity the amount owing by the consumer for electricity exceeds the deposit lodged by the consumer the Administrator shall not refund the deposit nor any portion of it to the consumer.

13C. If the consumer does not apply in writing to the Administrator for the return of the deposit or portion of it within the three months referred to in these Regulations then the consumer shall forfeit his deposit and all his right to it.

Forfeiture of deposit.
Inserted by 1954, No. 7.

13D. Where the consumer has lodged a deposit and subsequently the supply of electricity is cut off from the consumer for some reason other than at the request of the consumer the Administrator shall deduct the amount of the supply of electricity owing by the consumer from the deposit lodged and shall refund the balance, if any, to the consumer.

Supply cut off other than at consumer's request.
Inserted by 1954, No. 7.

13E. Nothing in these Regulations shall prevent the Administrator from recovering in any competent court any amount for electricity used when the amount owing for the supply of electricity by the consumer exceeds the amount of the deposit lodged.

Recovery of amounts owing.
Inserted by 1954, No. 7.

14. Where the Administrator receives an application or applications for the supply of electricity to any premises, and that supply necessitates the extension of a supply line, the Administrator may grant supply upon such conditions as he considers fit.

Extensions.

15.—(1.) The consumer's service, service fuse or fuses, meter or meters, time switch or maximum demand indicator shall be supplied and fixed by the Administrator and shall remain the property of the Commonwealth.

Connexion to supply line, supply of meters, &c.

(2.) The position of the consumer's service, service fuse, meter, time switch, or maximum demand indicator shall be determined by the Administrator.

(3.) Where the consumer's service is longer than twenty-five feet in the case of an underground service or seventy-five feet in the case of an overhead service the applicant shall pay the cost of so much of the consumer's service as is longer than twenty-five feet or seventy-five feet as the case may be and the cost of any pole or poles or other equipment necessary for the support of the service.

(4.) An extension of any consumer's service shall not be permitted unless an application for the extension has been submitted to, and approved by, the Administrator.

(5.) A temporary service may be supplied upon application to the Administrator. The cost of such service shall be as determined by the Administrator and such cost shall be paid before the temporary service is made available.

Unauthorized
use of
electricity.
Substituted by
1958, No. 13.

16. A person shall not abstract, consume or use electricity from a supply line, or cause electricity to be wasted or diverted, unless the electricity is supplied in accordance with these Regulations.

Penalty: Fifty pounds or imprisonment for six months.

Improper use
of electricity.

17.—(1.) Where two or more meters are installed on any consumer's installation for the purpose of recording the amount of electricity consumed for lighting purposes and for power purposes respectively—

(a) a person who so uses, establishes or connects any apparatus that electricity used for lighting purposes is recorded by the meter installed for the purpose of recording the amount of electricity used for power purposes, and

(b) the occupier of premises in which any apparatus is so used, established or connected that electricity used for lighting purposes is recorded by the meter installed for the purpose of recording the amount of electricity used for power purposes—

shall be guilty of an offence.

Penalty: Fifty pounds or imprisonment for three months.

(2.) In any prosecution for an offence against this regulation the averments of the prosecutor contained in the information or complaint, shall be *prima facie* evidence of the matter or matters averred.

Control of
meters.

18. Every meter used for ascertaining the quantity of electricity supplied shall be under the control of the Administrator.

Quantity of
electricity
supplied.
Substituted by
1958, No. 13.

19.—(1.) Subject to this regulation, the number of units of electricity supplied to a consumer at premises during a period in respect of which an account is rendered under these Regulations shall be calculated from the number of units registered by the meter or meters fixed on the premises.

(2.) A statement in an account rendered under these Regulations of the number of units registered by a meter at the beginning of the period in respect of which the account is rendered and the number of units registered by that meter at the end of that period shall be *prima facie* evidence that the number of units supplied during that period includes the difference between those numbers.

(3.) Where the number of units of electricity supplied to a consumer during the period in respect of which an account is rendered under these Regulations is not registered by a meter, the Administrator may assess the number of units supplied to the consumer during that period, and the number of units so assessed shall be deemed to be the number of units supplied during that period.

(4.) Where a person is convicted of an offence under regulation 21 of these Regulations, the Administrator may assess the number of units of electricity supplied to a consumer at premises where the meter in respect of which the offence was committed is fixed, and the number of units so assessed shall be deemed to be the number of units supplied during the period to which the assessment relates.

(5.) An assessment under the last preceding sub-regulation shall relate to a period, being a period in respect of which an account is rendered under these Regulations, during which the offence was committed.

20.—(1.) If the accuracy of the meter or meters is questioned, it or they shall be tested by an officer or by an arbitrator agreed upon by the Administrator and the consumer. Testing of meters.

(2.) Before any test is made the consumer applying for the test shall pay to the Administrator a fee of One Pound together with the fee to be paid to the arbitrator (if any) and if it is found that the meter registers within plus or minus two per cent. when checked against a "Sub-standard" meter supplied by the Administrator, it shall be deemed to be correct and the Administrator shall pay over to the arbitrator (if any) the amount of his fee, and shall pay the fee of One Pound into the Consolidated Revenue Fund.

(3.) If it is found that the meter is registering incorrectly the Administrator shall pay over to the arbitrator (if any) the amount of his fee and shall return the fee of One Pound to the consumer, and may in his discretion direct the adjustment of the account as he deems just.

(4.) In any prosecution for an offence against this Regulation the averments of the prosecutor contained in the information or complaint, shall be *prima facie* evidence of the matter or matters averred.

21.—(1.) Any person who, without authority, alters or attempts to alter, the index or working parts of any meter, or prevents, or attempts to prevent, any meter from duly or properly registering the quantity of electricity supplied, shall be guilty of an offence. Meters.

Penalty: Fifty pounds or imprisonment for six months.

(2.) For the purpose of the last preceding sub-regulation, the person who signed the application form for the supply of electricity to the premises in which the meter and connexions are installed shall be deemed to be the consumer and where any person has, without authority, altered or attempted to alter the index, working parts or connexions of the meter or prevented or attempted to prevent the meter from duly or properly registering the quantity of electricity supplied, the consumer shall be deemed to have contravened the provision of that sub-regulation, unless the Court is satisfied that the alteration or prevention was effected or the attempt to alter or prevent was made, without his knowledge.

22. In the case of the destruction or damage by fire or otherwise of, or the loss of, any meter, maximum demand indicator, time switch or other apparatus, the consumer shall pay the value thereof to the Administrator; or in the case of damage only, shall pay to the Administrator such amount as the Administrator considers reasonable for the repair of the apparatus. Damage to instruments.

23.—(1.) Except as specified in these Regulations, the Administrator shall not undertake any work on the consumer's premises. Testing, &c., of consumer's installation.

(2.) On completion of the consumer's installation, a form in accordance with Form "B" of the Second Schedule to these Regulations must be forwarded to the authorized officer, and before connexion to the supply line, an officer shall inspect and test the consumer's installation.

(3.) If the test and inspection show the consumer's installation has not been carried out in accordance with these Regulations, a connexion shall not be made until the Administrator is satisfied that these Regulations have been complied with.

(4.) A charge shall not be made for the first test and inspection but a charge of ten shillings and sixpence shall be paid to the Administrator for every subsequent test and inspection before such test or inspection is made.

Officers to
have access to
premises.

24. Any officer shall on production of an authority signed by the Administrator have access, at all reasonable times, to any place or building to which electrical energy is required, is, or has been supplied, for the purpose of inspecting or testing consumer's installation, or meters, instruments, and apparatus belonging to the Commonwealth, and of ascertaining the quantity of electricity consumed or (where a supply of electrical energy is no longer required, or where the officer is authorized to take away apparatus or cut off the supply of electricity) for the purpose of removing any wires, meters, instruments, and apparatus belonging to the Commonwealth, and of repairing any damage caused by the entry, inspection or removal.

Additions to
existing
installation.

25.—(1.) Additions shall not be made to an existing installation, or existing installations unless—

- (a) the consumer has lodged with the Administrator an application in writing for approval of the proposed addition; and
- (b) the Administrator has notified the consumer in writing that such addition will be approved, subject to compliance with sub-regulation (2.) of this regulation.

(2.) The additions referred to in the preceding sub-regulation shall not be connected until it has been tested, inspected and passed by an authorized officer.

(3.) A breach of this regulation shall be an offence.

Penalty: Twenty-five pounds.

Obstructing
officers,
damaging
property, &c.

26.—(1.) Any person who—

- (a) wilfully obstructs any officer in the lawful exercise of his duties;
- (b) pulls up or removes any poles, pegs or stakes driven into the ground for the purpose of setting out works, or defaces or destroys any marks made for the same purpose, or takes down, alters or interferes with any barriers, bars, chains, fences, or hoardings, or extinguishes or removes any light erected or placed for protection of works, or for guarding against accidents, shall be guilty of an offence.

Penalty: Ten pounds.

(2.) This regulation shall not affect the liability of any person to pay compensation for damage to Commonwealth property, or to pay damages to any third person.

Defects.

27.—(1.) The Administrator may serve notice in writing in accordance with Form "C" in the Second Schedule to a consumer requiring him to make good any defect in his installation and the consumer shall make good the defect within the time specified in the notice.

(2.) If a consumer neglects or fails to comply with any requirements of a notice served on him in accordance with the last preceding sub-regulation, the Administrator may, if he thinks fit, disconnect the consumer's installation.

(3.) Notwithstanding anything contained in the two preceding sub-regulations, if any defect in a consumer's installation is at any time discovered, the Administrator may, if he thinks fit, forthwith disconnect the installation.

28.—(1.) The accounts shall be rendered quarterly, monthly, or weekly, Accounts. at the discretion of the Administrator.

(2.) An account shall be due and payable and may be recovered by the Administrator immediately after the issue of the account.

(3.) A receipt for payment of an account shall not be valid unless Amended by 1958, No. 13. issued on an official receipt form or imprinted on the account by an official receipting machine.

29.—(1.) Every consumer who intends to discontinue the use of electricity, shall give forty-eight hours' notice in writing to the Administrator Notice of discontinuance. of his intention in order that the meter may be inspected and read, and the account be accurately charged.

(2.) Any consumer who fails to give notice in accordance with sub-regulation (1.) of this regulation may be held responsible for all electricity registered by the meter, or for any minimum accounts or portion thereof, that have accrued up to the time when the meter is inspected and read.

30.—(1.) If any person fails to pay any money due on account of the supply of electricity or of hiring apparatus, an authorized officer may, Discontinuance on account of non-payment of charges. without prejudice to any other remedy, cut off the supply of electricity from the premises of that person, and remove all apparatus the property of the Commonwealth.

(2.) If a consumer discontinues the use of electricity, or becomes bankrupt, or assigns his estate for the benefit of creditors, or being a company, goes into liquidation, an authorized officer may disconnect the supply.

31. If the supply is disconnected in pursuance of regulation 30, a re-Re-connexion. connexion shall not be made until a new application for supply in accordance with Form "A" of the Second Schedule is submitted to the Administrator, together with a fee of two guineas to cover the cost of re-connexion.

32. The Administrator shall not be liable for any loss suffered by a consumer in consequence of any delay in connecting any installation with the supply line or for any failure or defect in the supply from whatever cause arising, and the consumer shall hold the Commonwealth, and its officers and servants, harmless against the consequences of any such delay, defect or failure. Liability of Administrator.

33. A consumer shall not use arc lamps, electric welders or special apparatus except with the permission in writing of the Administrator and Special apparatus. subject to any conditions determined by the Administrator.

Revision of
conditions.

34. The Administrator shall have the right to add to, alter, or amend any of the foregoing terms and conditions as he may think fit, and any such conditions, alterations or amendments shall, as from the time of notification to the consumer, be deemed to apply as from the time of such notification as if it had been included in these conditions.

PART III.—LICENSING OF ELECTRICAL MECHANICS.

Licensing
Board.

35.—(1.) For the purposes of these Regulations, there shall be an Electrical Mechanics Licensing Board.

(2.) The Board shall consist of three members, one of whom shall be the Chairman.

(3.) The Chairman and members of the Board shall be appointed by the Administrator by notice in the *Gazette*.

(4.) The Administrator may at any time terminate the appointment of a member and may appoint a person to act during the absence of a member.

Sittings of
Board.

36.—(1.) Sittings of the Board shall be convened by the Chairman, or, in his absence, by a member of the Board authorized by him.

(2.) The Chairman shall preside at all meetings of the Board at which he is present, and, in his absence from any meeting, the members shall elect one of their number to preside as Chairman.

(3.) For the conduct of business, any two members of the Board shall be a quorum and shall have all the powers of the Board.

(4.) The Chairman shall have a deliberative but not a casting vote.

(5.) Where, at a meeting of the Board from which one of the members is absent, there is an equality of votes on any question, the determination of that question shall be postponed to a meeting at which all members are present.

(6.) The Chairman shall be responsible for the keeping of minutes, registers, &c., in connexion with the business of the Board.

Added by
1962, No. 9.

(7.) *A member of the Board who is not an officer or employee of the Crown shall be paid in respect of each meeting attended by him—

(a) before the thirtieth day of June, 1961, the sum of Two pounds two shillings; and

(b) after that date, the sum of Three pounds three shillings.

Grades of
licences.

37. There shall be four grades of licences for Electrical Mechanics, namely, an "A" grade, "B" grade, "C" grade and "G" grade.

Qualifications
for licences.

38.—(1.) An "A" or "B" grade licence may be issued to any person over the age of twenty-one years who—

(i) produces evidence of his qualifications and character, and satisfies the Board he is a fit and proper person to hold such licence; or

(ii) passes an examination set by the Board and satisfies the Board he is a fit and proper person to hold such licence.

An "A" grade licence shall, subject to any conditions endorsed thereon pursuant to these Regulations, entitle the holder thereof to carry out or engage in every class of electrical wiring work.

* Sub-regulation (7.) was added by sub-regulation (1.) of regulation 1 of Regulations 1962, No. 9. Sub-regulation (2.) of regulation 1 of those Regulations reads as follows:—

"(2.) The amendment effected by the last preceding sub-regulation shall be deemed to have come into operation on the first day of January, 1958."

A "B" grade licence shall, subject to any conditions endorsed thereon pursuant to these Regulations entitle the holder thereof to carry out or engage in electrical wiring work under the direct supervision of the holder of an "A" grade licence and not otherwise except electrical wiring work for the utilizing of electricity at a pressure of not more than 250 volts.

(2.) A "C" grade licence may be issued to any person under the age of twenty-one years who is employed as an apprentice in the electrical trade.

A "C" grade licence shall, subject to any conditions endorsed thereon pursuant to these Regulations, entitle the holder thereof to carry out electrical wiring work under the direct and continuous personal supervision of a holder of an "A" or "B" grade licence, and not otherwise, and only while in the employment of an employer whose name is stated on the licence.

(3.) A "G" grade licence may be issued to any person over the age of twenty-one years who is employed by the Commonwealth.

A "G" grade licence shall, subject to any conditions endorsed thereon pursuant to these Regulations, entitle the holder thereof to carry out electrical wiring work for the purpose of the performance of his official duties and only while in such employment.

39. An application for an Electrical Mechanic's Licence shall be in accordance with Form "D" in the Second Schedule to these Regulations or a Form to the like effect and shall be accompanied by the prescribed fee (if any) for the issue of a licence.

Application for Licence.

40.—(1.) Subject to the provisions of these Regulations, the Board may issue to any person an Electrical Mechanic's Licence in accordance with Forms E, F, G and H, in the Second Schedule to these Regulations.

Issue of Electrical Mechanic's Licences.

(2.) Every Electrical Mechanic's Licence shall expire on the thirty-first day of December in each year but may be renewed from year to year upon application in writing for renewal and accompanied by the prescribed fee (if any), together with the current licence.

(3.) Applications for renewal of licences must be lodged with the Board by not later than the thirty-first day of December in each year, otherwise the licence shall be cancelled.

(4.) Every Electrical Mechanic's Licence shall be subject to cancellation or suspension at the discretion of the Licensing Board.

(5.) A licence cancelled pursuant to sub-regulations (3.) and (4.) of this regulation shall not be renewed but a fresh application in accordance with Regulation No. 39 may be made.

(6.) Notwithstanding anything contained in this regulation the Board may issue an Electrical Mechanic's Licence to any person being in possession of a current Wireman's Licence granted in pursuance of the regulations under the *Electric Light and Power Ordinance* 1953, without payment of the fee prescribed by these regulations.

41.—(1.) There shall be a right of appeal to the Administrator from any decision of the Board.

Appeal.

(2.) The Administrator may allow or dismiss the appeal.

- Fees.** 42. The fees to be paid in connexion with an Electrical Mechanic's Licence shall be prescribed in the Third Division of these Regulations.
- Return of Licence Fee.** 43. When the issue or renewal of any Electrical Mechanic's Licence is refused by the Board the fee paid for the issue or renewal, as the case may be, of the Licence shall be repaid to the applicant.
- Unlicensed persons not to carry out work.** 44. Any person who carries out or engages in electrical wiring work shall, unless he is licensed as an Electrical Mechanic pursuant to these Regulations be guilty of an offence.
Penalty: Twenty-five pounds.
- Licensed Mechanic not to work otherwise than as specified in Licence.** 45. A person who, being the holder of a licence of a particular grade, carries out or engages in electrical wiring work of a kind or in a manner otherwise than in conformity with the authority conferred by such Licence, shall be guilty of a breach of these Regulations.
Penalty: Ten pounds.
- Electrical mechanic not to commence work without giving Notice of Intention to Wire.** 46. An electrical mechanic shall not commence electrical wiring work on any installation without first submitting to the authorized officer a "Notice of Intention to Wire" in accordance with Form J in the Second Schedule to these Regulations.
- Licences to be property of Administrator.** 47. Every licence shall be and remain the property of the Administrator.
- Copy of Licence.** 48. If a person proves to the satisfaction of the Board that he, without fault on his part, has lost or has been deprived of any licence granted him under the provisions of these Regulations, the Board may deliver an official copy of such licence upon receipt of the fee prescribed in the Third Schedule.
- Change of address.** 49.—(1.) The holder of a licence who changes his address shall immediately notify the Administrator in writing of his new address. Non-compliance with this regulation shall be an offence.
Penalty: Ten pounds.
(2.) Any notification given under these Regulations shall be deemed to have been correctly given if sent to the holder of the licence by prepaid letter, addressed to his latest address appearing in the records of addresses of electrical mechanics.
- Inspection of work.** 50. The Board shall have power to inspect any electrical installation or any electrical wiring work being carried out or which has been carried out by the holder of a licence issued under these Regulations.

PART IV.—MISCELLANEOUS.

- Lines, &c., not subject to distress.** 51. No electrical lines, meters, apparatus, fittings, or works belonging to the Commonwealth shall be subject to distress or be taken in execution under process of any court, or under proceedings in connexion with the winding up of companies or in bankruptcy against the person in whose possession they are.

51A.—(1.) A person shall not erect, or cause or permit to be erected, on or over a public street, a building or structure so that any part of the building or structure is within the space bounded by the lines of intersection of—

Buildings, &c.,
not to be
erected within
certain space.
Inserted by
1958, No. 6.

- (a) the vertical planes distant five feet perpendicularly; and
- (b) the horizontal planes distant seven feet perpendicularly,

from the nearest point on any power line erected above the ground.

(2.) In this regulation—

“public street” means a street, road, lane, thoroughfare, footpath or place open to, or used by, the public;

“power line” means a wire forming part of a supply line and used as a means of distributing or transmitting electricity.

52. Any notice under these Regulations may be served by post, or by delivery on any premises to which the notice relates.

Service of
notices.

53. Proceedings to enforce any penalty for breach of these Regulations or for the recovery of any damage incurred or for payments due under these Regulations may be instituted by the Administrator in any court of competent jurisdiction.

Institution of
proceedings.

54. Any person who commits an offence against these Regulations, for which no penalty is expressly provided, shall be liable, on conviction, to a penalty not exceeding Twenty-five pounds.

Penalties.

55.—(1.) Notwithstanding anything contained elsewhere in these Regulations, a charge for a service supplied under these Regulations shall not be made unless the charge is approved by the Administrator in Council.

Charges not
to be made
unless approved
by the
Administrator
in Council.

(2.) The Administrator in Council may by notice in the *Gazette* declare that a charge specified in the notice is approved by the Administrator in Council.

Added by
1963, No. 6.

(3.) The production of a copy of a *Gazette* containing a notice declaring that a specified charge is approved by the Administrator in Council is evidence that the charge is approved by the Administrator in Council.

THE FIRST SCHEDULE.

SERVICE AND INSTALLATION RULES.

SERVICE RULES.

System of Supply, Installation of Services and General Requirements regarding Loading.

1. SYSTEM OF SUPPLY.

(1) The system of supply is alternating current, fifty cycles per second, 415/240 volts.

(2) The voltage at the terminals of consumer's mains is generally maintained within—

- (i) Plus or minus 4% in the case of town areas.
- (ii) Plus or minus 6% in the case of rural areas.

2. Overhead service lines shall be in accordance with the following:—

- (i) These Regulations.
- (ii) The specification of the Electricity Supply Association of Australia.
- (iii) Any requirement of the Postmaster-General's Department and more particularly as covered by Statutory Rule 1934 No. 130, “Regulations under the *Post and Telegraph Act 1901-1934*” (or any later amendment thereto).

- (iv) Any special requirement of the Department of Civil Aviation, Department of Navy and/or Department of Air when the overhead electrical works are erected adjacent to an aerodrome, and/or a wireless receiving or transmitting station.
- (v) The Standards Association of Australia Wiring Rules Part I., Wiring Methods.

3. LIMITATIONS OF THE LOADING OF APPARATUS AND BALANCING OF LOAD.

(1) *General.*—In an installation supplied through a service having more than one active conductor, the total loading shall be balanced as nearly as practicable over the active conductors and, in any case, shall be so balanced that the out-of-balance current shall not normally exceed 15 amperes.

Where a portion of an installation is to be separately metered, it shall be arranged for connexion to the same number of phases as it would if supplied as a separate installation.

(2) *Balancing of Individual Appliances.*—An individual appliance other than one of those dealt with specifically in the following Sub-clauses of this Rule, which is designed to operate at 240 volts (phase to neutral voltage) shall, if its loading exceeds 15 amperes, be balanced over two phases but if its loading exceeds 30 amperes, it shall be balanced over three phases of the A.C. system.

(3) *Large Single Phase Apparatus such as X-Ray and Welding Apparatus.*—Single phase apparatus having a loading of more than 15 amperes at 240 volts (3.6 K.V.A.) may not be connected between one phase and neutral. Such apparatus shall be connected across two phases. Any single phase, 415 volts, apparatus having a loading in excess of ten (10) K.V.A. or three phase apparatus exceeding thirty (30) K.V.A. will be connected only by special arrangement, whereby the consumer may be required to bear the cost of providing special mains and a separate service.

Three phase to single phase conversion transformers will not be connected, but single phase loads may be balanced on a three-phase transformer. Three phase supply will not be made available merely to facilitate the use of such a transformer. See also Rule Nos. 5 and 23.

(4) *Cooking Ranges.*—Cooking ranges having a rating plate (total element) loading not exceeding—

- 30 amperes, may be connected to one phase.
- 37.5 amperes, may be connected to two phases.

Ranges having a rating plate loading exceeding 37.5 amperes, shall be arranged for connexion to three phases and neutral.

(5) *Water Heaters.*—Instantaneous type water heaters in excess of 4 k.w. loading shall not be permitted.

4. METHOD OF CALCULATING LOAD OF SERVICE AND TYPE OF SERVICE TO BE INSTALLED.

If the requirements of Rule 2 above make it necessary to install a three-phase A.C. Service, the type of service is thus determined and it is not necessary to consider the requirements of this Rule. If, however, the particular appliances to be used do not make it necessary, in accordance with Rule 2, to install such a service, the type of service which will be installed may be determined as follows:—

The total loading on the service calculated as amperes at the single phase to neutral voltage shall be calculated in accordance with the paragraph headed "Calculation of the Assumed Loading of the Service", below—

Calculation of the Assumed Loading of the Service.—The assumed loading of the service shall be taken to be the sum of the following quantities:—

- (1) Three-quarters of the loading of any cooking range.
- (2) The total loading of all permanently connected lamps and apparatus, other than cooking ranges and off-peak water heaters.

(3) An allowance for general purpose socket outlets determined as follows:—

- (a) In dwellings which are not sub-divided—1 ampere for each outlet supplied through the service with a minimum of 8 amperes.
- (b) In all other cases of buildings which are not sub-divided—2 amperes for each outlet supplied through the service with a minimum of 8 amperes.
- (c) In all buildings which are sub-divided—2 amperes for each outlet supplied through the service with a minimum of 8 amperes for each sub-division incorporating sockets.

When this calculation has been made, the type of service to be installed may be determined from the following:—

4-Wire A.C. Services (3 active conductors and neutral) will be installed if—

- (a) The assumed loading of the service exceeds 50 amperes.
- (b) A 3-phase motor rated at more than 2 h.p. is to be supplied through the service.
- (c) A range rated at more than 37.5 amperes is to be supplied through the service.

A 3-Wire A.C. Service (2 active conductors and neutral) will be installed if—

- (a) The assumed loading of the service exceeds 35 amperes but does not exceed 50 amperes.
- (b) Either a decorative lighting installation, a sign or a single phase appliance (other than a range or off-peak water heater) is to be supplied through the service and has a loading in excess of 15 amperes.
- (c) A range having a total rating in excess of 30 amperes and not exceeding 37.5 amperes is to be supplied through the service.

A 2-Wire A.C. Service (1 active conductor and neutral) will be installed in all other cases.

NOTE.—The Administrator will not be bound to install a poly-phase A.C. Service merely to supply small three phase A.C. apparatus.

5. STARTING CURRENTS OF A.C. MOTORS.

Three Phase A.C. Motors.—The maximum starting current in amperes measured by a damped ammeter shall not exceed the following:—

Motors not exceeding 2 h.p.—16 amps.
Motors exceeding 2 h.p. but not exceeding 6 h.p.—8 amps. per h.p.
Motors exceeding 6 h.p.—

- (a) $2.5 \text{ amps.} \times \text{H.P.} + 33 \text{ amps.}$; or
- (b) the starting current of the largest of the other motors installed, calculated in accordance with (a), whichever is the greatest.

Motors which are frequently started and stopped may be excluded from the benefit of sub-clause (b) above (see Rule 23).

Single Phase A.C. Motors.—Not over 2 h.p., 240 volts—20 amps.

In the case where a sub-station is intended to supply a motor load only, greater starting currents than those set out above may be allowed.

6. POWER FACTOR OF APPARATUS.

(1) *Motors.*—The power factor (lagging) of A.C. motors when fully loaded shall not be less than the following:—

Motors not exceeding 2 b.h.p.	..	..	..	..	0.75
Motors exceeding 2 b.h.p. but not exceeding 8 b.h.p.	..	..	..	..	0.8
Motors exceeding 8 b.h.p. but not exceeding 25 b.h.p.	..	..	..	..	0.84
Motors exceeding 25 b.h.p.	..	..	..	..	0.86

(2) *Welders.*—The power factor of welding apparatus shall not be less than 0.8 lagging when operated at the maximum continuous welding current rating.

(3) *Luminous Discharge Tubes and Fluorescent Lighting Units.*—The power factor of luminous discharge tube lighting installations, signs, fluorescent lamps, &c., shall not be less than 0.85 lagging. (See Rule No. 22 regarding Control of Capacitors.)

7. SUPPLY LINE AND CONSUMERS' SERVICE.

For terms covering the connexion of the consumer's installation to the supply lines, see regulation 15 of the "Terms and Conditions of Supply".

8. COVERING OF CONSUMERS' SERVICE.

The active conductors of the consumer's service shall be covered for the whole length of the span which terminates at the point of attachment in a manner not inferior to that specified for Aerial Cables in the appropriate S.A.A. Wiring Rule. Neutral conductors may be left bare.

9. SERVICE.

Only one service will be installed to supply one building or to supply any group of buildings occupied by one consumer.

METERING.

10. LOCATION OF METERS.

See regulation 15.—(2.).

11. METERING: SPECIAL CASES.

In special cases, the meters may be connected on the load side of the consumer's main control gear. In such cases all the consumer's switch and fuse gear connected on the supply side of the meters shall be of the enclosed type and suitable for sealing.

12. ACCESSIBILITY OF METERS.

Suitable space shall be made available at a height not more than six feet from ground or floor level for the meters in a position readily accessible to officers for fixing, reading, testing, adjusting and removing them without difficulty. In general the position shall be such that officers can gain access to it without having to obtain a key, but objection will not be raised to the enclosure of metering equipment within business premises which will always be open during ordinary business hours.

In private residences, meters will be fixed in such positions that they can be read without having to enter enclosed verandahs or verandahs with doors which may be locked during the occupant's absence.

13. PROTECTION OF METERS.

(1) Meters shall be installed in positions where they are protected against mechanical injury, effects of the weather, sea air, corrosion, &c.

(2) If necessary, added protection shall be given by the provision of a weatherproof box provided with a hinged door, glazed or unglazed, and with a catch or similar device which will enable the meters to be completely enclosed and yet remain accessible.

14. GROUPING OF METERS.

Where one consumer is supplied with electricity at different rates, or where several consumers occupy one building or are supplied from one service, the meters will be fixed in a group or in groups.

15. TYPE OF METER.

The type of meters which will be used and the method of connecting them is determined by the tariff at which electricity is supplied and by the nature of the load.

16. ADDITIONAL METERS.

Meters other than those installed at the main metering position will not be supplied but the consumer may arrange for the supply and installation of such meters at his own expense.

17. CONNECTING OF CONDUCTORS.

The consumer shall not be permitted to make any connexion or disconnexion from conductors directly connected to the supply system.

CONSUMERS' INSTALLATIONS.

18. COMPLIANCE WITH RULES.

Every installation to be connected to the Electricity Supply shall comply with the latest edition of the Wiring Rules published by the Standards Association of Australia known as the S.A.A. Wiring Rules, Part 1, Wiring Methods, and with these Regulations.

All appliances to be connected shall comply with the latest edition of the Wiring Rules published by the Standards Association of Australia known as the S.A.A. Wiring Rules, Part II., Materials.

19. SYSTEM OF WIRING.

(1) The "Loop-in system" of wiring shall be used in all consumers' installations.

(2) The active conductors shall be so placed that when facing switches, switch plug combinations and all relevant equipment or apparatus under their normal operating condition, the active conductor shall be on the right-hand side.

(3) Every cut-out shall be fixed vertically and the active conductor shall be connected to the top terminal or as directed by the authorized officer.

(4) All electrical wiring work and the installation and connexion of all electrical apparatus shall be carried out in a thoroughly workmanlike manner to conform to the requirements of these Regulations, and otherwise in accordance with the generally accepted requirements for sound and safe practice and construction where specific methods are not laid down.

20. EARTHING OF INSTALLATIONS.

(1) The method of the main earthing of all installations, either by Earth Electrodes or by direct connexion to the live side of the water reticulation, or otherwise, shall be as directed by the authorized officer.

(2) All earthing conductors in the installation shall be bonded on to the main earth conductor or as directed by the authorized officer.

21. EARTHING OF LAUNDRY APPLIANCES.

Each electrical appliance used for laundry work shall be provided with a direct earthing connexion.

22. CONTROL OF CAPACITORS.

The installation and control of capacitors shall comply with the relevant clauses of S.A.A. Wiring Rules and the following additional requirement regarding power factor:—

No condition of operation with capacitors or variation of inductive load which will result in a leading power factor shall be introduced on any installation except by arrangement with the authorized officer.

23. INTERFERENCE WITH SUPPLY TO OTHER CONSUMERS.

If the consumer should use or deal with the electricity supplied to him in such a manner as to cause, in the opinion of the Administrator, undue interference with the supply to other consumers, the Administrator may call upon him to make such necessary adjustments or alterations and to so operate the apparatus or equipment as to ensure that the supply to other consumers will not be interfered with, and, in the event of his failing to do so, the Administrator may cut off the supply of electricity to his premises.

The fact that the Administrator shall have connected and have approved the apparatus or equipment shall not be taken to except the consumer from the operation of this rule.

Electricity Supply Regulations

THE SECOND SCHEDULE.

FORM A.

APPLICATION FOR THE SUPPLY OF ELECTRICITY OR FOR AN
ADDITIONAL INSTALLATION.

The Government Secretary,
Northern Territory Administration,
Department of Territories,
Darwin.

Application No.
Date received

I/We hereby request to be supplied with electricity at the premises mentioned, and in accordance with the particulars hereunder set forth, and I/We acknowledge that any such electricity so supplied to me/us is supplied subject in all respects to the provisions of the Electricity Supply Regulations for the time being in force.

Name of the consumer in full { Mr.
Mrs.
Miss
[To be written very legibly. Underline Surname.]

Address of premises to which electricity is required. { Block No. Section
Street
Locality
*Type of Premises
Signature

NOTE.—To save delay it is essential that the whole of the information asked for be given.

* Please state whether the supply is for residential or business purposes, and if for business purposes, the type of business.

SCHEDULE OF REQUIREMENTS.

Lamps.		Radiators.		Stove.	
No.	Watts.	No.	Watts.	Element.	Watts.
				Oven Top	
				Oven Bottom	
				Hot Plates	

Other Appliances.			Motors.	
Name.	No.	Watts.	Driving.	B.H.P.
Refrigerator				
Fans				
Water Heaters				
Irons				
Jugs				
Vacuum Cleaners				
Kettles				
Grillers				
Toasters				
Radio				
Copper				
Washing Machine				
Wireless Receiver				
Floor Polisher				
			Total Connected Load KW	

Name of Wiring Contractor
Address

Licence No.

FORM B.

NOTICE OF COMPLETION OF ELECTRICAL WORKS REQUIRING
INSULATION TEST AND INSPECTION.

To—

The Electrical Inspector,
Department of Works,
Darwin.
Alice Springs.

Block No.
Street
Locality
Application No.

Section

It is advised the Electrical Installations/Alterations and/or Additions at
have now been completed in accordance
with the Electricity Supply Regulations, and are ready for test and inspection.

The number of Light and Power points, &c., is as shown in Schedule.

SCHEDULE OF REQUIREMENTS.

Lamps.			Radiators.			Stove.		
No.	Watts.		No.	Watts.		Element.	Watts.	
	Con.	Dis.		Con.	Dis.		Con.	Dis.
						Oven Top		
						Oven Bottom		
						Hot Plates		

Other Appliances.				Motors.	
Name.	No.	Watts.		Driving.	B.H.P.
		Con.	Dis.		
Refrigerator					
Fans					
Water Heaters					
Irons					
Jugs					
Vacuum Cleaners					
Kettles					
Grillers					
Toasters					
Radio					
Copper					
Washing Machine					
Wireless Receiver					
Floor Polisher					

Please arrange to have the prescribed test, inspection and connexions to the supply line carried out.

Name of Applicant for Supply

Address of Premises

Signature of Electrical Mechanic

Licence No.

Date

Electricity Supply Regulations

FORM C.

NORTHERN TERRITORY ELECTRIC SUPPLY.
INSTALLATION DEFECT NOTICE.

19 .

Dear Sir/Madam,

Reference is made to the inspection of your Electrical Installation carried out on _____, and you are advised that in order to bring it up to the standard required by the Electricity Supply Regulations, the work as listed hereunder must be placed in hand immediately and completed by not later than _____, otherwise your installation may be disconnected without further notice.

Please note the work required must be carried out by an electrical mechanic licensed under the Electricity Supply Regulations.

Yours faithfully,

Electrical Inspector.

FORM D.

APPLICATION FOR AN ELECTRICAL MECHANIC'S LICENCE.

To—

The Chairman, Electrical Mechanics Licensing Board,
C/o Northern Territory Administration,
Darwin, N.T.

Insert full name
and address of
applicant.

I, _____, of _____, hereby apply for a Grade _____ Licence to carry out work as an Electrical Mechanic in the Northern Territory.

Insert Grade of
Licence for
which
application
is made.

My qualifications to carry out work as an Electrical Mechanic are as follows:—

I enclose the sum of _____ being the prescribed fee for the issue of a _____ Grade Licence.

I undertake that, in the event of a licence being issued to me, I will faithfully comply with the conditions of the licence and observe the provisions of the Electricity Supply Regulations and any regulations amending or in substitution for these Regulations.

Dated this _____ day of _____, 19 ____ . Signature.

Witness

NOTE.—This application must be accompanied by satisfactory evidence in writing as to the applicant's ability as an Electrical Mechanic.

FORM E.

FORM OF "A" GRADE LICENCE.

ELECTRICITY SUPPLY REGULATIONS.

Electrical Mechanic's Licence.

Grade "A" No. A.

This licence entitles _____ of _____ to carry out or engage in electrical wiring work as endorsed hereunder in the Northern Territory:—

This licence is issued, subject to the provisions of the Electricity Supply Regulations, on the _____ day of _____, 19 ____, and expires on the thirty-first day of December, 19 ____.

Chairman
Electrical Mechanics Licensing Board.

FORM F.

FORM OF "B" GRADE LICENCE.

ELECTRICITY SUPPLY REGULATIONS.

Electrical Mechanic's Licence.

Grade "B" No. B.

This licence entitles of
to carry out or engage in electrical wiring work as endorsed hereunder, in the Northern
Territory:—

This licence is issued, subject to the provisions of the Electricity Supply Regulations,
on the , day of , 19 , and
expires on the thirty-first day of December, 19 .

Chairman
Electrical Mechanics Licensing Board.

FORM G.

FORM OF "C" GRADE LICENCE.

ELECTRICITY SUPPLY REGULATIONS.

Electrical Mechanic's Licence.

Grade "C" No. C.

This licence entitles of
to carry out or engage in electrical wiring work as endorsed hereunder, in the Northern
Territory:—

This licence is issued, subject to the provisions of the Electricity Supply Regulations,
on the , day of , 19 , and
expires on the thirty-first day of December, 19 .

Chairman
Electrical Mechanics Licensing Board.

FORM H.

FORM OF "G" GRADE LICENCE.

ELECTRICITY SUPPLY REGULATIONS.

Electrical Mechanic's Licence.

Grade "G" No. G.

This licence entitles of
to carry out or engage in electrical wiring work as endorsed hereunder, in the Northern
Territory:—

This licence is issued, subject to the provisions of the Electricity Supply Regulations,
on the , day of , 19 , and
expires on the thirty-first day of December, 19 .

Chairman
Electrical Mechanics Licensing Board.

NOTICE OF INTENTION TO WIRE.

The Electrical Inspector,
Department of Works,
Darwin/Alice Springs.

I/We give notice that it is intended to carry out Electrical Installations/Alterations/
Disconnections and/or Additions, at—

Name of Consumer:
Block No.
Street
Locality
Nature of Premises

Section

SCHEDULE OF REQUIREMENTS.

Lamps.			Radiators.			Stove.		
No.	Watts.		No.	Watts.		Element.	Watts.	
	Con.	Dis.		Con.	Dis.		Con.	Dis.
						Oven Top		
						Oven Bottom		
						Hot Plates		

Other Appliances.				Motors.	
Name.	No.	Watts.		Driving.	B.H.P.
		Con.	Dis.		
Refrigerator					
Fans					
Water Heaters					
Irons					
Jugs					
Vacuum Cleaners					
Kettles					
Grillers					
Toasters					
Radio					
Copper					
Washing Machine					
Wireless Receiver					
Floor Polisher					

An application form for supply to the above has/has not been submitted to the Northern Territory Administration.

It is intended to commence work on

(N.B.—This notice must be delivered to the Electrical Inspector at least 48 hours before work is commenced.)

Signature

Licence No.

Date

THE THIRD SCHEDULE.

FEES FOR ELECTRICAL MECHANIC'S LICENCES.

1. For an "A" Grade Licence—						£ s. d.
(i) Upon application	..	..	..	..	..	1 0 0
(ii) For renewal	..	..	..	..	..	10 0
2. For a "B" Grade Licence—						
(i) Upon application	..	..	..	..	..	10 0
(ii) For renewal	..	..	..	..	..	5 0
3. For a "C" Grade Licence—						
(i) Upon application	..	..	..	..	..	Nil
(ii) Upon renewal	..	..	..	..	..	Nil
4. For a "G" Grade Licence—						
(i) Upon application	..	..	..	..	..	Nil
(ii) Upon renewal	..	..	..	..	..	Nil
5. For an official copy of a licence issued in place of a licence lost, &c., in accordance with regulation 48	..		..	..	..	2 6