



ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ

ಅಧಿಕೃತವಾಗಿ ಪ್ರಕಟಿಸಲಾದುದು
ವಿಶೇಷ ಪತ್ರಿಕೆ

ಭಾಗ - IV-A

ಬೆಂಗಳೂರು, ಸೋಮವಾರ, ಅಕ್ಟೋಬರ್ ೧, ೨೦೧೨ (ಅಶ್ವಯುಜ ೯, ಶಕ ವರ್ಷ ೧೯೩೪)

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ENERGY SECRETARIAT

NOTIFICATION

No. EN 96 EBS 2007, Bangalore, Dated : 01.10.2012

In exercise of the powers conferred by sub-section (1) of section 180 of the Electricity Act, 2003 (Central Act 36 of 2003) read with regulation 29 of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, the Government of Karnataka hereby makes the following rules, namely:-

PART - I

RULES

1. Title, extent and commencement.- (1) These rules may be called the Karnataka (Licensing of Electrical Contractors, Special wiring permit and grant of certificates and permits to Electrical Supervisors and Wiremen) Rules 2012.

(2) They shall extend to the whole of the State of Karnataka.

(3) They shall come into force from the date of publication in the official Gazette.

2. Definitions.- (1) In these rules, unless the context otherwise requires,-

(a) "Act" means The Electricity Act, 2003 (Central Act 36 of 2003);

(b) "Agreement" means an agreement executed between the Licenced Electrical Contractor and Consumer containing the terms and conditions of the contract with the consumer;

(c) "Board" means The Karnataka Electrical Contractors, Special wiring permit, Electrical Supervisors and Wiremen's Licensing Advisory and Examination Board;

(d) "Contractor" means an Electrical Contractor Licenced under these rules;

(e) "Form" means form appended to these rules;

(f) "License" means a License granted under these rules;

(g) "Permit" means the permits granted under these rules to the Electrical Supervisors and Electrical Wiremen;

- (h) "Regulation" means Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010;
- (i) "Special wiring permit" means Special wiring permit granted to Industrial undertaking to undertake electrical installation works of their own installation by their own permit holders;
- (j) "Supervisor" means a person holding either an Electrical Supervisor (General) or Electrical Supervisor (Mines) Grade 1 or Grade 2 permit issued under these rules;
- (k) "Wireman" means a person holding an Electrical Wireman Grade 1 or Grade 2 permit issued under these rules.

(2) All other words and expressions used herein and not defined shall have the meanings respectively assigned to them in the Electricity Act, 2003, the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, and rules and regulations made there under.

PART - II

3. Constitution of the board.- For grant of Licenses to Electrical Contractors, Special wiring permit to Industrial undertaking, Electrical Supervisory certificate of competency and permits to Supervisors, and certificate and permits to Wiremen, and for carrying out the purposes of these rules Electrical Contractors, Special wiring permit, Supervisor's, and Wiremen's Licensing Advisory and Examinations Board [hereinafter referred to as the "Board"] shall be constituted by the Government of Karnataka consisting of the following Members, namely:-

1	The Chief Electrical Inspector and Ex-officio Additional Secretary [Electrical Licensing] to Government, Department of Energy, Bangalore.	Chairman
2	The Deputy Chief Electrical Inspector, Bangalore.	Member Secretary
3	Superintending Engineer (El), O & M Circle, Bangalore South, BESCO, Bangalore or his representative not below the rank of Executive Engineer(El).	Member
4	The Superintending Engineer (Electrical Design), KPCL, Bangalore or his representative not below the rank of Executive Engineer (El).	Member
5	Director of Technical Education in Karnataka or his representative who shall be a graduate in Electrical Engineering not below the rank of Assistant Director.	Member
6	Director of Mines Safety (Electrical), DGMS, South zone, Bangalore or his representative who shall be a graduate in Electrical Engineering.	Member
7	Deputy General Manager (Electrical) of the mining company owned by State or Central Government undertaking or his representative who shall be a graduate in Electrical Engineering.	Member
8	One person nominated by the Managing committee of the Karnataka State Electrical Contractor Association (Regd) who shall be a Graduate in Electrical Engineering holding a valid contractors License for a minimum continuous period of not less than 5 years.	Member
9	The Electrical Inspector Office of the Chief Electrical Inspector to Government, Bangalore	Convener

4. Functions of the Board.- (1) The functions of the Board shall be as follows, namely:-

- (a) To arrange for grant the Electrical Contractors Licences to applicant who satisfies the conditions contemplated in these rules;
 - (b) To arrange for grant of Special wiring permit to Industrial under taking who satisfies the conditions contemplated in these rules;
 - (c) To arrange for grant of the Electrical Supervisory certificate of competency and permits to Supervisors, and certificate and permits to Wiremen who satisfy the conditions contemplated in these rules;
 - (d) To arrange for renew of the Licences, Special wiring permit and permits granted to applicants under rule 4(a), 4 (b) and 4(c) above;
 - (e) To arrange for conduct of the examination for the purpose of grant of certificates and permits referred to in rule 4 (c) above;
 - (f) To decide the enquiry report placed before the Board into violation of any of the provision of these rules on the part of Electrical Contractors, holder of Special wiring permit, Supervisors permit and Wiremen Permit.
- (2) The Board shall meet at least once in a month.
- (3) For every meeting the quorum shall be a minimum of FIVE including the Chairman.

5. Duties of the chairman.- The Chairman shall,-

- (1) preside over all the meetings of the Board;
- (2) designate or direct officers and officials of the Department of Electrical Inspectorate to accomplish the procedures to grant or for renewal of Licences, Special wiring permit and permits;
- (3) grant or renew the Licences to applicants duly cleared by the Board;
- (4) to grant or renew Special wiring permit to Industrial undertaking duly cleared by the Board;
- (5) grant or arrange to grant Electrical Supervisory certificate of competency and certificate to wiremen, and to grant or renew, or arrange to grant or renew permits to applicants duly cleared by the Board;
- (6) conduct examination for grant of certificate of competency and certificate;
- (7) enquire or to arrange to enquire into violation of any of the provision of these rules on the part of Electrical Contractors, holder of Special wiring permit, Supervisors and Wiremen Permits and to initiate appropriate action as decided by the Board;
- (8) designate officers and officials for discharge of functions in his behalf.

6. Duties of the member secretary :- The Member secretary shall,-

- (1) oversee the functions of the designated officers or officials detailed under sub-rule (2) of rule 5 to verify the entries and enclosures before placing the same to the Board;
- (2) place before the Board all applications received for grant or renewal of Licences, Special wiring permits and Permits;

- (3) place before the Board all applications received for admission to the Examination for Supervisor and Wireman;
- (4) carryout all the official functions incidental to these Rules as directed by the Chairman.

7. Duties of the Convener: - The Convener shall act as a convener of the Licensing Advisory and Examination Board to;

- (a) carryout all the official functions incidental to this rules as directed by the Chairman and the Member Secretary;
- (b) updating of statistical information's of Licensing section;
- (c) Oversee the maintenance of records and computerization of licensing section.

8. Applications.- (1) Every application for,-

- (a) grant of Licences shall be in form A;
- (b) renewal of Licenses shall be in Form D;
- (c) grant or renewal of Special wiring permit shall be in Form E;
- (d) grant of Electrical Supervisor (General) permits shall be in Form R;
- (e) renewal of Electrical Supervisor (General) permits shall be in Form U;
- (f) grant of Electrical Supervisor (Mines) permits shall be in Form S;
- (g) renewal of Electrical Supervisor (Mines) permits shall be in Form V;
- (h) grant of Wiremen permits shall be in Form T;
- (i) renewal of Wiremen permits shall be in Form W;
- (j) endorsement of Supervisor or Wireman permits shall be in Form X;
- (k) cancellation of Endorsement of Supervisor or Wireman permits shall be in Form Y;
- (l) the Electrical Supervisor (General) Grade II examination shall be in Form F;
- (m) the Electrical Supervisor (Mining) Grade II examination shall be in Form H;
- (n) the Wiremen Grade II examination shall be in Form G;

shall be signed by the applicant and addressed to the Member Secretary and submitted to the designated officer/office of the Electrical Inspectorate, enclosing the required records and documents.

(2) All the applications received for (a) to (i) above, up to the last working day of the month shall be forwarded by the designated officers of Electrical Inspectorate to the Member Secretary within the time frame fixed by the Board.

(3) All the applications received for (j) and (k) above, by the designated officers of Electrical Inspectorate shall be cleared at their office by them self within the time frame fixed by the Board.

(4) All the applications received for (l), (m) and (n) above, shall be forwarded to Member Secretary by the designated officers of Electrical Inspectorate within the time frame fixed by the Board.

9. Fees.- Every application for grant of licenses or permit as the case may be accompanied by an original treasury challan for having remitted the requisite fees as specified in Annexure - 5. The fees shall be remitted at the designated office of the Electrical Inspectorate or at the concerned District

treasury under the Budget Head "Non plan – 0043" Taxes and Duties on Electricity, not earlier than Ninety days prior to the date of submission of application. The fee remitted is not transferable and non-refundable.

PART - III

LICENCES

10. Grant and issue of electrical contractor licences:- (1) The Board shall grant the Licences to undertake electrical installation works initially for a maximum of period of ONE YEAR to the applicants on fulfilling the conditions enumerated under rule 12.

(2) The Licence initially granted above shall be effective from the first day of the succeeding month after the application is cleared by the Board for grant.

11. Classification of Licenced Electrical Contractors.- (1) There shall be four classes of Licenced Electrical Contractors, namely:-

- (a) Super Grade;
- (b) Class -1;
- (c) Class -2;
- (d) Class -3;

(2) The grant of licence in each of the four category of licence shall be in the respective format as per Form 7, 8, 9, 10 and subject to the conditions specified below:

(3) The person holding Super Grade Licence shall be eligible to undertake all types of Electrical installation works of Low, Medium, High and Extra High voltage installation. The Licence granted shall be in form **7**.

(4) The person holding Class 1 Licence shall be eligible to undertake Electrical installation works of Low, Medium and High voltage installation (i.e. up to and including 33 kV). The Licence granted shall be in Form **8**.

(5) The person holding Class 2 Licence shall be eligible to undertake Electrical installation works of Low and Medium voltage installation (i.e. up to and including 650 Volts). The Licence granted shall be in Form **9**.

(6) The person holding Class 3 Licence shall be eligible to undertake Electrical installation works of Low voltage installation up to 250 Volts. The Licence granted shall be in Form **10**.

12. General Conditions for Grant of Electrical Contractors Licences.- (1) A Licence may be granted on application to any applicant satisfying the following conditions, namely:-

- (a) The applicant must be a citizen of India.
- (b) The applicant must have attained the age of 21 years as on the date of application and has passed TENTH standard examination.
- (c) The applicant shall satisfy the requirement of the National Emblem Act, 1949 as far as the name of the firm or company.
- (d) If the licence is sought for a partnership firm must have registered with the Registrar of Firms or if the Licence is sought for a registered company the same must have registered with the

Registrar of Companies. In case of a partnership firm all the partners of the firm and in case of a registered company not less than TWO THIRD of total number of Directors may resolve and issue an authorization letter to the authorized signatory to sign the application, completion report, etc. on behalf of the firm or company as the case may be, the Authorization letter shall be on Rs.100/- stamp paper.

- (e) The exclusive business premises to carry out business incidental to grant of licence shall be easily accessible and located within the territory of the State of Karnataka, and it shall not be residential premises for Super Grade and Class I Licenses, and also shall not be a Government quarters.
 - (f) The applicant shall either possess Supervisor or Wireman permit or shall employ a person or persons holding Supervisor and Wireman permit at the time of application as the case may be. Any applicant having valid permit seeking licence, he shall not endorse his permit to any other applicant or Licenced Electrical Contractor except his own License.
 - (g) The applicant shall possess and maintain all the testing instruments, safety tools and equipments as listed in Annexure-4. They shall be produced before the designated officer of the department of Electrical Inspectorate for verification. Testing instruments of Super grade Licenses shall be got tested not later than three months from the date of application by NABL ("NABL" means National Accreditation Board for Testing and Calibration Laboratories) accredited authorized testing laboratory for the condition of testing Instrument.
 - (h) The applicant shall not be an employee of a State or Central Government or Public sector undertakings.
 - (i) The applicant shall be solvent as detailed in sub- rule (2) of rule 12. Where the Solvency is issued from a bank in Form B, it shall be from a Nationalized Bank or Scheduled Bank or Co-operative Bank recognized by Reserve Bank of India and the solvency shall be confirmed by the bank. Except for a registered limited company having branches at other locations, the solvency shall be from a bank located in the same district where the business premise of the applicant is located.
 - (j) Where an applicant either as proprietor or partner of a firm or Director of a company is found to have been penalized as per the provisions of rule 37, he shall not be eligible for grant of another Licence either as a proprietor or as a partner or as a Director as the case may be.
- (2) Additional requirement for grant of Electrical Contractors Licence:- In addition to the conditions contemplated under sub-rule (1) above, the applicant shall comply with the following additional conditions, namely:-

(a) For grant of Super Grade Electrical Contractors Licence:-

The applicant,-

- (i) shall have a valid Electrical Contractor Licence Class 1 for a minimum continuous period of three years and must have executed the installation and commissioning work of not less than eight numbers of H V Electrical installation works. Proof of such execution of works including adherence to the quality shall be furnished to the satisfaction of the Board;
- (ii) must have in his sole employment minimum one number of Grade 1 Supervisor permit holders and such permits shall be endorsed only to his firm before undertaking any electrical work;
- (iii) must have in his sole employment minimum three number of Wireman permit holders and such permits shall be endorsed only to his firm before undertaking any electrical work;

- (iv) must be solvent to an extent of rupees five lakhs and shall produce solvency certificate in Form B or C;
- (v) must have a qualified draughtsman with a certificate in draughtsman ship;
- (vi) must have registered with the Department of Employees Provident Fund and Employees State Insurance.

(b) For Grant of Class 1 Electrical Contractors Licence:-

The applicant,-

- (i) Shall have a valid Class 2 Electrical Contractor Licence for a minimum continuous period of three years and must have executed the installation and commissioning work of not less than twelve numbers of M V Electrical Installation works. Proof of such execution of works including adherence to the quality shall be furnished to the satisfaction of the Board. Where a person seeking Class 1 Licence is a Graduate or Diploma in Electrical Engineering discipline, the requirement of holding a Class 2 Licence may be relaxed and his application for Class 1 Licence may be considered by the Board directly;
- (ii) must have in his sole employment Supervisor permit holder and such permit shall be endorsed only to his firm before undertaking any electrical work;
- (iii) must have in his sole employment Wireman permit holder and such permit shall be endorsed only to his firm before undertaking any electrical work;
- (iv) must be solvent to an extent of rupees One Lakh and shall produce solvency certificate in Form B or C:

Provided that in case of a person being unemployed graduate or diploma holder in Electrical Engineering or any equivalent qualification seeking grant of Licence for the first time, the requirement of solvency may be relaxed provided an affidavit sworn before the Notary as per Affidavit - 6 to substantiate his unemployment is furnished:

Provided further that such a relaxation in solvency shall be available only for the first time in case of an applicant seeking grant of Licence. If the applicant is applying based on the lapsed licence or for change of class, he is not eligible for such relaxation and shall furnish fresh solvency certificate as applicable;

- (v) must have registered with the Department of Employees Provident Fund and Employees State Insurance.

(c) For Grant of Class 2 Electrical Contractors Licence:-

The applicant,-

- (i) must have in his employment Supervisor permit holder and such permit shall be endorsed to his firm before undertaking any electrical work;
- (ii) must have in his employment Wireman permit holder and such permit shall be endorsed to his firm before undertaking any electrical work;
- (iii) must be a solvent to an extent of rupees fifty thousand and shall produce solvency certificate in Form B or C. Where an applicant being unemployed graduate or diploma holder in Electrical Engineering, or any equivalent qualification seeks grant of licence, the requirement of solvency may be relaxed, provided an affidavit sworn before the Notary as per Affidavit - 6 to substantiate his unemployment is furnished:

Provided that such a relaxation in solvency shall be available only for the first time an applicant seeking grant of Licence. If the applicant is applying based on the lapsed licence or for change of class, he is not eligible for such relaxation, and he shall furnish fresh solvency certificate as stipulated under these rules.

(d) For Grant of Class 3 Electrical Contractors Licence :-

The applicant,-

- (i) must have in his employment Supervisor permit holder and such permit shall be endorsed to his firm before undertaking any electrical work;
- (ii) must have in his employment Wireman permit holder and such permit shall be endorsed to his firm before undertaking any electrical work;
- (iii) must be solvent to an extent of rupees twenty five thousand and shall produce solvency certificate in Form B or C.

(3) Every application form shall be accompanied by the following, namely:-

- (a) Original Treasury challan for having remitted the requisite fee as detailed in Annexure-5.
- (b) Specimen signature and three recent passport size photograph clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the designated jurisdictional officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) Self-addressed envelope duly affixed with the requisite postage stamp.
- (d) An affidavit sworn before the Notary as per Affidavit -5 to establish that he/she is not an employee of a State or Central Government or Public sector undertaking etc as detailed in rule 12 (1) (h) above.
- (e) Any of the Photo Identity proof of the applicant such as Ration card, Passport, Voters identity card, Driving licence, Aadhar card.
- (f) Proof of address of business premises i.e., copy of rental agreement along with khata certificate and latest tax paid receipt or an affidavit sworn before the Notary.
- (g) If the licence is sought for a partnership firm a copy of the registered partnership deed and the Registration certificate issued by Registrar of Firms, if the licence is sought for a registered company copy of Memorandum and Articles of Association approved by the Registrar of Companies and authorization letter in original issued to the authorized signatory by the partnership firm or company as the case may be.
- (h) Where an application is made for,-
 - (1) change of class of Licence; or
 - (2) regrant of Licence in lieu of lapsed Licence,

Original Licence already granted Professional tax clearance certificate or an affidavit sworn before the notary in the form as per Affidavit-1, and an affidavit sworn before the Notary as per Affidavit-7.

- (i) Original Solvency certificate granted not later than Three months from the date of application and an affidavit sworn before the notary in the form as per Affidavit-2 or 3.

- (j) Certificate granted not later than three months from the date of application from designated officer of the Department of Electrical Inspectorate not below the rank of Deputy Electrical Inspector for having possessed and maintained the testing instruments, safety tools and equipments as listed in Annexure -4. Testing instruments of Super grade Licences shall be got tested not later than three months from the date of application by NABL accredited authorized testing laboratory for the condition of testing instrument.
- (k) Copies of educational qualification along with proof of age.
- (l) Details of work done along with copies of certificate of EHT/HT/LT installation work as stipulated under rule 12 (2) (a) and (b).
- (m) Copies of the appointment letter of Supervisors, Wiremen's, and Draughtsman.
- (n) Consent letters obtained from Supervisor, Wiremen and Draughtsman along with copies of their Educational Certificate and Permit.
- (o) In case of Super Grade and Class I Licence, copies of the registration certificate in EPF and ESI.

13. Renewal of Licence.- Conditions and Duration:-Licence granted under rule 10 above, may be renewed for a further period of five years at the request of the Licencee, subject to satisfying the conditions detailed below, namely:-

(1) Application for renewal shall be submitted in "Form D" as per forms of applications three clear months before the expiry of the licence but not before five clear months.

Notwithstanding the requirement for submitting the application for renewal before three months as aforesaid, applications may be accepted two clear months before the date of expiry of the licence, provided the applicant remits the penal fee as detailed in Annexure - 5.

Applications received after the due date is liable for rejection, fee remitted if any shall deemed to have been forfeited.

(2) Where an applicant either as proprietor or partner or Director of a firm or company is found to have been penalized as per the provisions of rule 37, he shall not be eligible for renewal of Licence either as a proprietor or as a partner or as a Director as the case may be.

(3) Every application in form D as per forms of applications for renewal shall be accompanied by the following, namely:-

- (a) Original Treasury challan for having remitted the requisite renewal fee and penal fee as the case may be, as detailed in Annexure-5.
- (b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the jurisdictional officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) A self-addressed envelope duly affixed with the requisite postage stamp.
- (d) Attested copy of Supervisor and Wireman permit duly endorsed as specified under rule 12(1) (f).
- (e) P T clearance certificate for having remitted Professional Tax or an affidavit sworn before the notary in the form as per Affidavit-1.
- (f) Original Solvency certificate granted not later than Three months from the date of application or an affidavit sworn before the notary in the form as per Affidavit-2 or 3:

Provided that Graduate or Diploma holders granted with a Licence against a relaxed solvency amount shall furnish fresh solvency certificate for being solvent to the entire amount of solvency stipulated for the said class of Licence

- (g) Certificate granted not later than three months from the date of application from designated officer of the Department of Electrical Inspectorate for having maintained the testing instruments, safety tools and equipments as listed in Annexure -4. Testing instruments of Super grade Licenses shall be got tested not later than three months from the date of application by NABL accredited authorized testing laboratory for the condition of testing instrument.
- (h) Original licence.
- (i) Details of payment of premium to EPF and ESI in case of Super grade and Class I License.
- (j) Details of work done along with copies of certificate of EHT/HT/LT installation work.

14. Disposal of applications for grant or renewal of licences.- (1) Every application received for grant or renewal of licence shall be scrutinized and placed before the Board. If the application is found not fully in accordance with these rules, the same shall be intimated to the applicant to fulfill the conditions giving sufficient time as decided by the Board. If the applicant resubmits the application, fulfilling all the conditions intimated within the prescribed time, the application shall be again placed before the Board for consideration.

If the objected application is not resubmitted or submitted after the period or date fixed or submitted with incomplete information or particulars, is liable for rejection and fee remitted will be forfeited.

Despite the conditions for grant of licence enumerated under rule 12 or for renewal under rule 13, the Board's decision for either accepting or rejecting an application shall be final. However the Board shall record the reason for such rejection.

(2) Where in lieu of the above provisions, the application from any person is rejected for reasons to be recorded in writing; the same shall be communicated to the applicant within sixty days.

(3) All the applications accepted by the Board shall be issued with the licences or renewed as the case may be in prescribed format 7, 8, 9 and 10.

15. Disqualifications from grant or renewal of Licences.- Where in the opinion of the Board, any person or company or firm who's Licence has been suspended or cancelled as per rule 37, the application seeking grant or renewal of Licence is liable for rejection.

16. Licencee to abide by the conditions.- Every Licencee shall abide by the provisions of The Electricity Act, 2003, rules and regulations made thereunder, Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 and these rules and shall produce their Licence granted by the Board, upon demand by the Board or officers of Electrical Inspectorate or to any authorities of the supplier having jurisdiction over the area where the electrical installation work is being carried out. in addition to the conditions detailed below,

- (1) shall execute agreement with the consumer/owner of installation in form Z.
- (2) shall obtain authorization letter from the owner of the electrical installation in the form Affidavit – 8.
- (3) Shall Intimate commencement of electrification work in form A1 to the jurisdictional Electrical Inspectorate Authority as notified.

- (4) Shall furnish Electrical contractor work completion cum Test report in form B1 to the jurisdictional Electrical Inspectorate Authority as the case may be.
- (5) Shall maintain, details of supervisor, Wiremen, and apprentices working for him in form C1, application register in form D1, attendance registers of all employees in form E1, work allocation register in form F1, material issue register in form G1.
- (6) Shall display a bill board containing name of electrical contractor firm, name of electrical contractor, name of the electrical supervisor, name of the wiremen and apprentice wiremen with their license/permit number with validity, and details of electrical installation work undertaken at the entrance of the installation in the Form H1.

PART - IV

PERMITS

17. Grant of Electrical Supervisory Certificate of Competency and Electrical Supervisor (General) Permit.- (1) No person shall be eligible to supervise and to carry out electrical installation work in all electrical installations except mining installation, unless he possess Electrical Supervisory certificate of competency and Electrical Supervisor (General) Permits issued by the Board based on the qualification of the applicants and fulfilling the requisite qualification and experience as enumerated under rule 19 and on passing of the examination conducted by the Board.

(2) The permit granted above initially shall be for a maximum period of one year and will be effective from the first day of the succeeding month after the application is cleared by the Board.

18. Grades of Electrical Supervisor (General) and Extent of their Supervision.- (1) The Electrical Supervisor (General) shall be of two grades namely Electrical Supervisor (General) Grade -1 and Electrical Supervisor (General) Grade -2.

(2) Any person with Electrical Supervisor (General) Grade 1 permit will be eligible to supervise electrical works of all classes of voltages in all electrical installations except mining installation. Any person with Electrical Supervisor (General) Grade 2 permit will be eligible to supervise electrical works in all electrical installations up to and inclusive of 33 kV voltage class except mining installation.

19. Conditions for grant of Electrical Supervisory Certificate of Competency and Electrical Supervisor (General) Permit.- The conditions for grant of Electrical Supervisory Certificate of Competency and Electrical Supervisor (General) Permit are as follows, namely:- The applicant,-

- (1) must be residing in the state of Karnataka;
- (2) must have attained the age of 18 years and is medically fit;
- (3) must be holding bachelor degree or Diploma in Electrical Engineering discipline or any other educational qualification which is recognized as equivalent to the above by the Directorate of Technical Education, Government of Karnataka, Bangalore. For grant Electrical Supervisor (General) permit Grade 1 in Form 1 and Electrical Supervisory certificate of competency in Form I;
- (4) must have passed the examination conducted by Board. For grant of Electrical Supervisor (General) Grade 2 permit in Form 2 and Electrical Supervisory certificate of competency in Form J;
- (5) where an applicant is found to have been penalized as per the provisions of rule 37, he shall not be eligible for re-grant of his permit;

(6) for grant of Electrical supervisory certificate of competency in form I, and for grant or re-grant of permit in Form 1 or 2, application shall be in Form R as per forms of application and shall be addressed to the Member Secretary and submitted to the jurisdictional office of the Electrical Inspectorate with enclosures and documents as detailed below:

- (a) Copy of the Degree or Diploma certificate issued by the University or Technical Board or any other certificate which is recognized as equivalent to the above by the Directorate of Technical Education, Government of Karnataka, Bangalore or certificate of competency in form I issued by the Board. Copy shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) A self-addressed envelope duly affixed with requisite postage stamp.
- (d) Any of the Photo Identity proof of the applicant and Proof of address such as Ration card, Passport, Voters identity card, Life insurance policy, Aadhar card or an affidavit sworn before the Notary.
- (e) Original Treasury challan for having remitted the requisite fee as detailed in Annexure-5.
- (f) Where an application is made for re grant of the permit which has lapsed, the original lapsed permit and copy of the certificate of competency in addition to the enclosures listed under (b), (c), (e) and (g) and an affidavit sworn before the Notary as per Affidavit-7.
- (g) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

20. Scheme of Examination for Electrical Supervisor (General).- (1) The examination referred to in the rule 17 shall be held at Bangalore centre and at either Hubli or Dharwar centre as decided by the Board every year.

(2) The Board shall notify the date of examination.

(3) The syllabus for the examination shall be as per Annexure -1.

(4) A candidate must secure a minimum of 20 marks in paper I, and 20 marks in paper II written Examination out of 50 marks in each in addition to 40 marks in the practical and oral test out of 100 marks for being declared to have passed the examination and to issue certificate of competency in form J.

(5) No person shall be eligible to apply for the examination for Electrical Supervisors (General) Grade -2 unless he,-

- (a) is residing in the State of Karnataka;
- (b) has passed the tenth standard or equivalent examination and capable of answering in Kannada or English;
- (c) has attained the age of 18 years as on the date of notification of the examination and is medically fit;
- (d) is holding a valid Electrical Wireman Grade 1 or Grade 2 permit;

- (e) has worked under a Licensed Electrical Contractor OR in an Industrial undertaking having Special wiring permit,-
 - (i) For a minimum period of three years as Wireman with a valid Electrical Wireman grade -2 permit; or
 - (ii) for a minimum period of one year as Wireman with a valid Electrical wireman grade -1 permit.

Provided that where any candidate has appeared earlier for the examination and desires to reappear, his / her application in Form F along with the attested copy of the admission ticket issued in the previous year and enclosures listed under 20 (6) (c) to 20 (6) (f) below may be considered as sufficient.

(6) The Application for the examination shall be in Form F and addressed to the Member Secretary and submitted to the jurisdictional office of the Electrical Inspectorate along with the following documents:-

- (a) Copies of the educational testimonials duly attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector along with proof of age.
- (b) A certificate in Form N from the present and past employers regarding conduct and practical experience. In the case of a Licenced Electrical Contractor desiring to appear to the examination, the declaration shall be in form P
- (c) Original treasury challan or cash receipt for having remitted the requisite fee as detailed in Annexure – 5.
- (d) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector.
- (e) Two numbers of self-addressed envelope duly affixed with the requisite postage stamp.
- (f) Any of the Photo Identity proof of the candidate and Proof of address such as Ration card, pass port, Voters identity card, Rahavasi pramana patra, Life insurance policy, Aadhar card or an affidavit sworn before the Notary.
- (g) Attested copy of Valid Electrical Contractor Licence or Special wiring permit of the Employer and Wireman permit.
- (h) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

(7) All applications received to appear for examination, shall be forwarded to Member Secretary by the designated officers of Electrical Inspectorate within the time frame fixed by the Board. Every application shall be scrutinized before placing to the Board. Admission ticket shall be issued to appear for examination to all the applicants whose application has been accepted. Applications of those applicants who are not eligible or who have not enclosed the required documents or whose application is incomplete may be rejected.

Notwithstanding the requirements detailed above for permitting an applicant for the examination, the decision of the Board shall be binding on the applicant.

21. Grant of Electrical Supervisory Certificate of Competency and Electrical Supervisor (Mines) Permit.- (1) No person shall be eligible to supervise and to carryout electrical installation work

in mines, unless he possess Electrical Supervisory Certificate of competency and permit to persons who are declared to have passed the examination conducted by the Board in this regard.

(2) The permit granted above initially shall be for a maximum period of one year and shall be effective from the first day of the succeeding month after the application is cleared by the Board.

22. Grades of Electrical Supervisor (Mines) and Extent of their Supervision.- The Electrical Supervisor (Mines) will be of two grades namely Electrical Supervisor (Mines) Grade -1 and Electrical Supervisor (Mines) Grade -2.

23. Conditions for obtaining Electrical Supervisory Certificate of Competency and Electrical Supervisor (Mines) Permit.- The conditions for obtaining Electrical supervisory certificate of competency and Electrical Supervisor (Mines) Permit, The applicant,-

(1) must be residing in the State of Karnataka;

(2) must have pass the examination conducted by the Board;

(3) to grant Electrical Supervisor (Mines) Grade 1 permit in Form **3** and Electrical Supervisory certificate of competency in Form K, the applicant shall be a Graduate or Diploma in Electrical Engineering discipline or any other educational qualification which is recognized as equivalent to the above by the Directorate of Technical Education, Government of Karnataka, Bangalore. The Applicant may be exempted for appearing written examination but shall pass the practical and oral examination conducted by the Board;

(4) to grant Electrical Supervisor (Mines) Grade 2 permit in Form 4 and Electrical Supervisory certificate of competency in Form L the applicant shall pass both the written and practical and oral examination conducted by the Board;

(5) where an applicant is found to have been penalized as per the provisions of rule 37, he shall not be eligible for re-grant of his/her permit.

(6) for grant or re grant of Electrical Supervisor (Mines) permit in Form 3 or 4 application shall be in Form S, as per Forms of applications and shall be addressed to the Member Secretary and submitted to designated office of the Electrical Inspectorate along with the following documents:-

- (a) Copy of certificate of competency in the Form K or L issued by the Board duly attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector.
- (b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of the Deputy Electrical Inspector or by the Notary.
- (c) A self-addressed envelope duly affixed with the requisite postage stamp.
- (d) Any of the Photo Identity proof of the applicant and proof of address such as Ration Card, Passport, Voters identity card, Rahavasi pramana patra, Life insurance policy, Aadhar card or an affidavit sworn before the Notary.
- (e) Original treasury Challan for having remitted the requisite fee as detailed in Annexure-5.
- (f) Where an applicant seeks regrant of the Permit which has lapsed he/she shall enclose the original lapsed permit, copy of the certificate of competency in addition to the enclosures listed under (b), (c), (e) and (g) and an affidavit sworn before the Notary as per Affidavit-7.

- (g) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

24. Scheme of Examination for Electrical Supervisor (Mines).-(1) the examination for the Electrical Supervisor (Mines) referred to in rule 21 shall be held every year.

- (2) The Board shall notify the date and place of examination.

- (3) The Syllabus for the examination shall be as per the Annexure-2.

- (4) (a) Where any candidate has appeared earlier for the examination conducted by the Board under the repealed The Karnataka (Licensing of Electrical Contractor and grant of certificates and permits to Electrical Supervisors and Wiremen) Rules, 1976 and was not successful and who was not exempted from appearing for the written examination and desires to reappear, must secure a minimum of 20 marks in paper I and a minimum of 20 marks in paper III written Examination out of 50 marks in each paper in addition to 40 marks in the practical and oral test out of 100 marks for being declared to have passed the examination and to issue competency certificate in Form L.

- (b) Applicant holding a valid Electrical Supervisor (General) permit and who is not exempted from appearing for the written examination, must secure a minimum of 20 marks in paper III written Examination out of 50 marks in addition to 40 marks in the practical and oral test out of 100 marks for being declared to have passed the examination and to issue competency certificate in Form L.

(5) Applicant with a Degree or Diploma in Electrical and Electronics Engineering discipline or any other educational qualification which is recognized as equivalent to the above by the Directorate of Technical Education, Government of Karnataka, Bangalore are exempted from appearing for the written examination but they must secure a minimum of forty marks in the practical and oral test out of 100 marks for being declared to have passed the examination and to issue competency certificate in Form K.

(6) No person shall be eligible to apply for the examination for Electrical Supervisor (Mines) unless he,-

- (a) is residing in the State of Karnataka;
- (b) has passed Tenth Standard or equivalent examination and capable of answering in Kannada or English;
- (c) has attained the age of 23 years as on the date of notification of the examination and is Medically fit;
- (d) is holding a valid Electrical Supervisor (General) Permit;
- (e) has a minimum of two years experience in an underground mining installation located within the territory of State of Karnataka after having obtained a Electrical Supervisor (General) Grade 1 or Grade 2 Permit.

Where any candidate has appeared earlier for the examination and desires to reappear, his / her application in form H, along with the attested copy of the Admission ticket issued in the previous years and enclosures listed under rule 24 (7) (c) to 24(7)(f) and 24 (7) (i) below may be considered as sufficient.

(7) Application for appearing to the examination conducted by the Board in this regard shall be in Form H and addressed to the Member Secretary and submitted to the specified jurisdictional inspectorate office along with the following documents, namely:-

- (a) Copy of the educational testimonials attested by the officer of Electrical Inspectorate not below the rank of Deputy Electrical Inspector along with proof of age.
- (b) A certificate in Form O from the present and past employers establishing the period of experience as well as the certificate of conduct.
- (c) Original treasury challan or cash receipt for having remitted the requisite fee as detailed in Annexure-5.
- (d) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The specimen signature and photograph shall be got attested by the officer of Electrical Inspectorate not below the rank of Deputy Electrical Inspector.
- (e) Two numbers of self-addressed envelope duly affixed with requisite postage stamp.
- (f) Any of the Photo Identity proof of the candidate and Proof of address such as Ration card, Pass port, Voters identity card, Rahavasi pramana patra, Life Insurance policy, Aadhar card or an affidavit Sworn before the Notary.
- (g) Copy of valid Electrical Supervisor (General) Grade 1 or Grade 2 Permit.
- (h) Proof that the installation in which he is working is an under ground mining instillation with in the meaning of Mines Act and is located within the territory of State of Karnataka.
- (i) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

(8) All applications received to appear for examination, shall be forwarded to Member Secretary by the designated officers of Electrical Inspectorate within the time frame fixed by the Board. Every application shall be scrutinized. Admission ticket shall be issued to appear for examination to all the applicants whose application has been accepted. Applications of those applicants who are not eligible as detailed under rule 24(6) or who have not enclosed the required documents as listed under rule 24(7) or whose application is incomplete may be rejected.

Notwithstanding the requirements detailed above for permitting an applicant for the examination, the decision of the Board shall be binding on the applicant.

25. Grant of Electrical Wireman Permit.- (1) For carrying out electrical installation work the Board shall grant Electrical Wireman Grade 1 permit in form 5 to such of the applicants fulfilling the requisite qualification and conditions enumerated under rule 26 (1) and (2) and certificate in Form M and Electrical Wireman Grade -2 permit in Form 6 to candidates passing the examination conducted by the Board.

(2) The permit granted above initially shall be for a maximum period of one year and will be effective from the first day of the succeeding month after the Board clears the application.

26. Conditions for grant of Electrical Wireman Permit.- (1) For grant of Electrical Wireman Permit,-

- (a) The applicant must be residing in the State of Karnataka;
- (b) The applicant must be medically fit.

(2) For grant Electrical Wireman Grade 1 permit in Form 5, in addition (a) and (b) above the applicant, shall hold Wireman or Electrician or Electrical Trade Certificate issued by the institutions recognized by the State Government or shall hold a Job oriented pre-university Diploma certificate in the vocational course of Electrical Wiring and Servicing of Electrical Appliances granted by the Karnataka State Council of Vocational Education or shall hold any other certificate which is recognized as equivalent by the Directorate of Employment and Training, Government of Karnataka, Bangalore.

(3) For grant of certificate in Form M and Electrical Wireman Grade 2 permit in Form 6 in addition (a) and (b) above the applicant shall pass the examination conducted by the Board.

(4) Where an applicant is found to have been penalized as per the provisions of rule 37, he shall not be eligible for re-grant of his permit.

(5) For grant or re-grant of Electrical Wireman Grade -I or Grade -II permit in Form 5 or 6. Application shall be in Form T as per forms of applications and it shall be addressed to the Member Secretary and submitted to the designated office of the Electrical Inspectorate along with the following documents, namely:-

- (a) Attested copy of Wireman/Electrician/Electrical Trade Certificates issued by the institutions recognized by the State Government or Job oriented pre- university Diploma certificate in the vocational course of Electrical Wiring and Servicing of Electrical Appliances granted by the Karnataka State Council of Vocational Education or any other certificate which is recognized as equivalent by the Directorate of Employment and Training, Government of Karnataka, Bangalore or Certificate in Form M issued by the Board.
- (b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) A self-addressed envelope duly affixed with the requisite stamps.
- (d) Any of the Photo Identity proof of the applicant and Proof of address such as Rationcard, Passport, Voters identity card, Rahavasi pramana patra, Life insurance policy, Aadhar card or an affidavit Sworn before the Notary.
- (e) Original treasury Challan or cash receipt for having remitted the requisite fee as detailed in Annexure-5.
- (f) Where an applicant seeks re grant of the Permit which has lapsed he shall enclose the original lapsed permit in addition to the enclosures listed under (b), (c) and (e) above, and an affidavit sworn before the Notary as in Affidavit-7.
- (g) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

27. Scheme of Examination for Electrical Wireman.-(1) The examination referred to in the rule 25 shall be held at Bangalore centre and at either Hubli or Dharwar centre as decided by the Board every year.

(2) The Board shall notify the date of examination.

(3) The Syllabus for the examination shall be as per the Annexure-3.

(4) The candidate must secure a minimum of 50 marks in practical out of 100 marks and 20 marks in oral out of 50 Marks totaling to 75 marks out of 150 Marks for being declared to have passed the examination and to issue certificate in Form M.

(5) No person shall be eligible to apply for the examination unless he,-

(a) is residing in the State of Karnataka;

(b) has passed the tenth standard or equivalent examination and capable of answering in Kannada or English;

(c) has attained the age of 18 years of age on the date of issue of notification for the examination and is medically fit; and

(d) has worked under a Licenced Electrical Contractor or in an Industrial undertaking having Special wiring permit at least for a minimum period of one year as an apprentice.

(6) Where any candidate has appeared earlier for the examination and desires to reappear, his application in Form G, along with the attested copy of the Admission ticket issued in the previous years and enclosures listed under clause (c) to (f) of sub- rule (7) below may be considered as sufficient.

(7) The Application for the examination shall be in Form G and shall be addressed to the Member Secretary and submitted to the jurisdictional office of the Electrical Inspectorate along with the following documents, namely:-

(a) Copy of the educational testimonials attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector along with proof of age.

(b) A certificate in Form N from the present and past employers for establishing the period of experience as well as the certificate of conduct, in case Licenced Electrical Contractor himself desiring to appear for the examination the declaration shall be in Form Q.

(c) Original treasury challan or cash receipt for having remitted the requisite fee as detailed in Annexure-5.

(d) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector.

(e) Two numbers of self-addressed envelope duly affixed with the requisite postage stamp.

(f) Any of the Photo Identity proof of the candidate and proof of address such as Ration card, Passport, Voters identity card, Rahavasi pramana patra, Life insurance policy, Aadhar card or an affidavit Sworn before the Notary.

(g) Attested copy of valid Electrical Contractor Licence or Special wiring permit of the Employer.

(h) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

(8) All applications received to appear for Wireman examination, shall be forwarded to the Member Secretary by the designated officers of Electrical Inspectorate within the time frame fixed by the Board. Every application shall be scrutinized before placing to the Board. Admission ticket shall be issued to appear for examination to all the applicants whose application has been accepted. Applications of those applicants who are not eligible as detailed under sub-rule (5) or who have not enclosed the required documents as listed under sub-rule (6) or whose application is incomplete may be rejected.

(9) Notwithstanding the requirements detailed above for permitting an applicant for the examination, the decision of the Board shall be binding on the applicant.

28. Renewal of Permits.- condition and duration.- A permit granted under rules 17, 21 or 25 may be renewed for a further period of five years at the request of the permit holder subject to satisfying the conditions detailed below, namely:-

(1) Application for renewal shall be submitted in Form **U, V** and **W**, as per forms of applications to the Board or to any such office of the Electrical Inspectorate as directed, so as to reach the Board or office, three clear months before the expiry of the permit but not before five clear months.

(2) Notwithstanding the requirement for submitting the application for renewal before three months as aforesaid, applications may be accepted two clear months before the date of expiry of the permit, provided the applicant remits, the penal fee as detailed in Annexure-5.

(3) Where an applicant is found to have been penalized as per the provisions of rule 37, he shall not be eligible for renewal of his permit.

(4) Applications received after the due date is liable for rejection, fee remitted if any, shall be forfeited.

(5) The application for renewal shall be accompanied by the following documents, namely:-

(a) Original Treasury challan for having remitted the requisite fee or penal fee as the case may be as detailed in Annexure-5.

(b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.

(c) A self-addressed envelope duly affixed with the requisite postage stamp.

(d) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

(e) Original permit.

29. Disposal of Applications for Grant or Renewal of permits.- (1) Every application received for grant or renewal of permit shall be scrutinized and placed before the Board. If the application is found not fully in accordance with these rules, the same shall be intimated to the applicant to fulfill the conditions giving sufficient time as decided by the Board. If the applicant resubmits the application, fulfilling all the conditions intimated within the prescribed time, the application shall be again placed before the Board for consideration. If the objected application is not resubmitted or submitted after the period or date fixed or submitted with incomplete information or particulars, is liable for rejection and fee remitted shall be forfeited.

(2) Notwithstanding the conditions for grant of competency certificate and permit enumerated under rule 17, 21 and 25 or for renewal as per rule 28, the Board's decision for either accepting or rejecting an application shall be final. However the Board shall record the reason for such rejection.

(3) Where in lieu of the above provisions, the application from any person is rejected for reasons to be recorded in writing; the same shall be communicated to the applicant within sixty days.

(4) All the applications accepted by the Board shall be issued with the permits and certificate of competency or renewed in prescribed format.

30. Disqualifications from grant or renewal of permits.- Where in the opinion of the Board any Permit has been suspended or cancelled as per rule 37, the application seeking grant or renewal of permit is liable for rejection.

31. Permit Holder to abide by the conditions.- Every permit holder shall abide by the provisions of The Electricity Act, 2003 and rules and regulations made there under, Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 and these rules and produce their permit granted by the Board, upon demand by the Board or Officers of Electrical Inspectorate or to any authorities of the supplier having jurisdiction over the area where the electrical installation work is being carried out.

32. Special Wiring Permit.- (1) Special wiring permit shall be in form - 11, valid for one year may be granted by the Board, to the authorities of Industrial undertaking to get their installation wired up within the territorial boundary of the State of Karnataka, under the supervision of a Supervisor and by Wiremen in their own employment, who possess qualifications and experience equivalent to those necessary for a Supervisor and Wiremen and has obtained Electrical Supervisory certificate of competency and permits and endorses the same as stipulated in these rules.

(2) Special wiring permit in Form 11 granted above, may be subject to fulfillment of terms and conditions as are applicable, may be renewed for a further period of five years.

(3) An application in Form E as per forms of applications, for grant or renewal shall be signed by the authorized signatory of the Industrial under-taking and addressed to the Member Secretary, and shall be submitted to the designated officer/office, enclosing all records and documents detailed below, namely:-

- (a) Original Treasury challan for having remitted the requisite fee as detailed in Annexure-5.
- (b) Specimen signature and three recent passport size photograph clearly showing the complete face and two ears of the authorized signatory of the Industry. The specimen signature of the authorized signatory and the photograph shall be got attested by the officer of Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) Self-addressed envelope duly affixed with the requisite postage stamp.
- (d) Authorization letter in original to the authorized signatory to sign the application, completion report, etc. The authorization letter shall be signed by not less than TWO THIRD of total number of Directors of the company and in case of a partnership firm all the partners shall sign the authorization letter. The Authorization letter shall be on Rs 100/- stamp paper.
- (e) Depending on the class of voltage of their installation copies of the appointment letter and permits of Supervisors, Wiremen's, and Draughtsman.
- (f) Original Solvency certificate granted not later than Three months from the date of application for Rs 100000/- . and an affidavit sworn before the notary in the form as per Affidavit-2 or 3.
- (g) Where an application is made for regrant of special wiring permit in lieu of lapsed Special wiring permit, original Special wiring permit already granted and an affidavit sworn before the Notary as per Affidavit-7.
- (h) Certificate granted not later than three months from the date of application from designated officer of the Department of Electrical Inspectorate not below the rank of Deputy Electrical Inspector for having possessed and maintained the testing instruments, safety tools and equipments as listed in Annexure -4 along with the copies of test certificate granted not later

than three months from the date of application by NABL accredited authorized testing laboratory for the condition of testing instrument.

(4) Where in the opinion of the Board any Special wiring permit has been suspended or cancelled under rule 37 the application seeking grant or renewal of Special wiring permit is liable for rejection.

(5) Every Special wiring permit holder shall abide by the provisions of the Electricity Act, 2003, rules and regulations made there under, Central Electricity Authority (Measures relating to Safety and Electric supply) Regulations, 2010 and these rules and produce their Special wiring permit granted by the Board, upon demand by the Board or officers of Electrical Inspectorate or to any authorities of the supplier having jurisdiction over the area where the electrical installation work is being carried out.

PART - V

GENERAL

33. General Eligibility.- (1) No electrical contractor shall be eligible to be in possession of more than one licence of any class at any given instant in his personal name. Where an electrical contractor so desires to either possess a licence in any other class other than what is in his possession, he/she shall surrender the licence already granted, in lieu of his application for a new one.

(2) No authorities of Industrial undertaking holding Special wiring permit shall be in possession of more than one Special wiring permit at any given instant in their firm name.

(3) No Electrical supervisor or wiremen permit holder shall be eligible to be in possession of more than one permit at any given instant in his name. Where a permit holder so desires to possess a permit other than that is in his possession, he shall surrender the permit already granted, in lieu of his application for a new one.

(4) No permit holder, being an employee of the State or Central Govt., or public sector undertakings or private limited company or aided institutions either permanent or temporary, shall utilize their permit for any firm or company holding Licence or Special wiring permit other than their own organization.

34. Issue of Duplicate Licence, Special Wiring Permit Permits etc.,-(1) Duplicate Licence or Special wiring permit or Electrical supervisory certificate of competency or certificate or permit may be issued to the applicant subject to furnishing of necessary documents, namely:-

(2) The application for issue of the above shall be accompanied by the following, namely:-

- (a) Copy of the police complaint lodged for the loss of the document.
- (b) Copy of the Licence or Special wiring permit or Electrical supervisory certificate of competency or certificate or permit as the case may be.
- (c) An affidavit sworn before the notary in the form as per Affidavit-4.
- (d) Original Treasury challan or cash receipt for having remitted the requisite fee as specified in the Annexure-5.
- (e) Specimen signature and three recent passport size photograph clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.

(f) A self-addressed envelope duly affixed with requisite postage stamp.

35. Endorsement of Permits to the Licence and Special Wiring Permit.- (1) Where a permit holder, not being a Licenced Electrical Contractor desires to supervise or to carry out the electrical works undertaken by a Licenced Electrical Contractor or Special Wiring Permit holder either as a Supervisor or Wireman, he shall do so only after his permit is endorsed to the Licenced Electrical Contractor or to authorities of Industrial undertaking holding Special wiring permit who has undertaken that electrical works.

(2) In the case of Licenced Electrical Contractor himself being a permit holder desires to supervise or to carry out the electrical work undertaken by him either as a Supervisor or Wireman, he shall do so only after endorsing his permit to his own Licence.

(3) Where the permit so required under sub-rule (1) is presented for endorsement, both the Licenced Electrical Contractor or authorities of Industry holding Special wiring permit and the permit holder shall furnish the requisition in the proforma as per Form X enclosing the requisite fee remitted Treasury challan as per Annexure-5, Licence/Special wiring permit and permit in original, to the designated office of the Department of Electrical Inspectorate to obtain the entries of the endorsement in the Licence/Special wiring permit and permit as well.

(4) Where a Licenced Electrical Contractor or authorities of Industry holding Special wiring permit or a permit holder whose permit has been endorsed to the Licence or Special wiring permit, desires that the endorsements needs to be cancelled, requisition for the same shall be forwarded in the proforma as per Form Y along with the requisite fee remitted Treasury challan as per Annexure-5, Licence or Special wiring permit and permit in original to the designated office of the Department of Electrical Inspectorate to obtain the entries of the endorsement in the Licence or Special wiring permit and permit as well.

(5) Where either the permit holder or the employing Licensed Electrical Contractor or authorities of Industrial undertaking holding Special wiring permit desires such cancellation and one of them refuses to sign the required proforma in Form Y an affidavit sworn before the Notary may be considered as sufficient for effecting cancellation of the endorsement. The person making the application shall remit the fee as per Annexure-5 in such a case and shall give not less than thirty days notice to the other person before cancellation of endorsement.

(6) The Chief Electrical Inspector to Government or designated officer cause notice to be issued to effect necessary entries in the licence or Special wiring permit or permit,-

(a) to the Licenced Electrical Contractor or to the authorities of Industrial undertaking holding Special wiring permit to employ and endorse another Supervisor or Wireman as the case may be, before the electrical works being executed is to be continued; or

(b) to permit holder to supervise or to carry out any electrical work.

(7) Where either a Licenced Electrical Contractor or authorities of Industrial undertaking holding Special wiring permit or the permit holder as the case may be desires for cancellation of the endorsement and where the electrical works being executed is to be continued, the Licenced Electrical Contractor or authorities of Industry holding Special wiring permit shall arrange to endorse another permit/s before the electrical works being executed is to be continued.

(8) Where any permit holder has endorsed his permit to a particular Licenced Electrical Contractor or authorities of Industry holding Special wiring permit he shall not work for any other Licenced Electrical Contractor or authorities of Industrial undertaking holding Special wiring permit or firm or company other than the one for whom the permit is endorsed.

(9) Electrical Supervisors and Wiremen employed under a Licenced Electrical Contractor of Super Grade and Class I or authorities of Industrial undertaking holding Special wiring permit are not eligible to work for any other Licenced Electrical Contractor or authorities of Industrial undertaking holding Special wiring permit, therefore they shall not endorse their permit to any other Licenced Electrical Contractor or authorities of Industrial undertaking holding Special wiring permit or firm or company other than the one for whom the permit is endorsed.

(10) In respect of the other Supervisors and Wiremen, endorsement to more than one Licenced Electrical contractor of Class 2 and Class 3, may be permitted as per the decision of the Board. However, such endorsement shall not exceed THREE.

(11) All the endorsement or cancellation shall be effected at the designated offices of the Electrical Inspectorate in whose jurisdiction the Supervisor / Wiremen is located.

36. Change of Authorised Signatory, Address, Partners / Directors and instruments.- Any change of address or change of partners or directors or authorized signatory or change of instruments may be effected in the original records of licence / permit holder subject to all necessary documents being furnished. The application for the above, addressed to the Member Secretary, duly signed by the applicant, shall be submitted at the office of the Chief Electrical Inspector to Govt., Bangalore accompanied by the original licence / permit and Treasury challan for having remitted the requisite fee as specified in Annexure - 5.

37. Violations.- (1) Whenever it appears to the Board that any licensee or authorities of Industrial undertaking holding Special wiring permit or permit holder,-

- (a) has violated any provisions of these rules;
- (b) has violated any of the terms and conditions of the licence or Special wiring permit or permit;
- (c) has misrepresented to any authority, organization or to any person with regard to licence or Special wiring permit or permit holder either before or after obtaining the same;
- (d) has misbehaved with any officers or officials, or has been convicted by a court of law or black listed by any Government undertaking in relation to electrical works;
- (e) has played fraud or misrepresented for obtaining licence or Special wiring permit or permit;
- (f) is declared bankrupt or insolvent, by the appropriate authority or wound up dissolved, or partitioned;
- (g) has wrongly represented to any authority with regard to the electrical installation work carried out by him;

The Board may suspend licence / Special wiring permit/ permit, as the case may be, by pending enquiry in to alleged contravention of any of the rules for a period which may be upto the period of validity of licence / Special wiring permit / permit. Such an order may be passed by the Chairman if he is prima facie of the view that the licensee / authorities of Industrial undertaking holding Special wiring permit / permit holder is guilty of an offence. The period of such suspension shall not exceed three months.

(2) Where the licence / Special wiring permit/permit is suspended, the licensee / authorities of Industrial undertaking holding Special wiring permit / permit holder shall not carry out any work until the suspension is revoked by a separate order as per the decision of the Board.

(3) The Chairman may order for an enquiry by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector and place before the Board the enquiry report. Based on the

enquiry report the Board may cancel the licence / Special wiring permit / permit for a minimum period of THREE years or revoke the suspension. Further, to revoke such suspended licence / Special wiring permit / permit, he shall make a representation to the Board enclosing the order of the Board:

Provided that, no licence or Special wiring permit / permit shall be cancelled, except after giving the licensee / authorities of Industrial undertaking holding Special wiring permit / permit holder, an opportunity of making representations.

(4) Where the licence / Special wiring permit or permit is cancelled, the licensee / authorities of Industrial undertaking holding Special wiring permit / permit holder shall not be eligible to carry out any work until the cancellation is revoked by a separate order as per the decision of the Government or the Board.

(5) Further, to revoke such cancelled licence or Special wiring permit or permit, he shall make a representation to the Board enclosing the order of the Government or the Board. The Board may revoke the cancelled licence or Special wiring permit or permit.

38. Appeals.- (1) any person aggrieved by the order of the Board, may appeal to the Government of Karnataka, Department of Energy, within a period of Thirty days from the date of receipt of the order by him.

(2) The order of the State Government shall be final.

39. Repeal and savings.- (1) The Karnataka (Licensing of Electrical Contractor and grant of certificates and permits to Electrical Supervisors and Wiremen) Rules, 1976 are hereby repealed.

(2) Notwithstanding such repeal,-

(a) all Licences or Special wiring permit or permits granted under the repealed rules shall be deemed to be valid till the date of Expiry, the renewal of which is subject to fulfilling of the conditions of licenses under these rules.

Provided that, the class I licensed electrical contractors who are executing electrical installation works of the voltage grade under super grade class licenses who shall surrender the license upon obtaining super grade license within the period not exceeding ninety days failing which it shall be deemed to be violation within the meaning of these rules.

(b) the Supervisor permits / Wiremen permits granted under the repealed rules shall be deemed to have been granted with permits of Grade 2 as per these rules.

(c) such of the Supervisor in possession of a valid permit under the repealed rules, supervising the Electrical works of voltage class in excess of 33 kV, shall obtain the Electrical Supervisor (General) Grade 1 permit, if eligible, duly complying with these rules within a period not exceeding ninety days from the coming into effect of these rules.

(d) all the candidates declared to have been passed the examination conducted by the Board under the repealed rules shall be deemed to have passed the examination under these rules to be eligible to be granted with permits of grade 2 in respect of such candidates who are yet to be granted with such permits.

FORMS OF APPLICATIONS

FORM A

GOVERNMENT OF KARNATAKA
APPLICATION FOR AN ELECTRICAL CONTRACTOR'S LICENCE
(SUPER GRADE, CLASS 1, 2 and 3)

(Rule 12)

(TO BE FILED IN KANNADA OR ENGLISH)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the Applicant / Authorized Signatory
--

1	Firm Name	
2	Business address of the firm (Proof of documents to substantiate the address and to be entered in the Licence book shall be enclosed)	
3	Contact number E mail address	
4	Whether the license is sought for an individual/ company/partnership firm	
5	In the case of company whether Memorandum of Association and Articles of Association or in the case of partnership firm whether partnership deed enclosed.	
6	In the case of company or partnership firm whether company or partnership firm resolved and issued authorization letter to the authorized signatory. Whether the letter in original is enclosed.	
7	Name of the applicant or authorized signatory of the firm/company	
8	Age	
9	Father's Name	
10	Educational Qualification	
11	In case of partnership firm, Partners Name and their address	
12	Licence is applied for Super Grade /Class 1 /2 /3.	
13	Details of Fees remittance	Rs challan No date

14	If a contractor's Licence has been previously granted give details of 1. Licence No. and Class 2. Date of issue and valid upto 3. No. of works carried out (Enclose list) 4. Professional Tax Paid details	
15	Name, Permit No and date of expiry of the permit of Supervisor permit holders employed on the strength of whose permits the licence is applied	
16	Name, Permit No and date of expiry of the permit of Wireman permit holders employed on the strength of whose permits the licence is applied	
17	Particulars of instruments maintained. (List of instruments maintained by the applicant as listed in Annexure-5 , duly verified by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector to be furnished.)	
18	Whether the copies of (a) Estimates and agreement in form-'Z' duly signed by the consumer and the contractor, (b) 'A1' Forms, for all the work undertaken by the Licenced Electrical contractor, (c) "B1" Form regarding work completion and test report of Licensed Electrical Contractor. (In the case of lapsed licence or change of class of licence or lapsed licence) are maintained.	
19	Whether any evidence to substantiate the financial stability is enclosed. (Original Solvency certificate and an undertaking affidavit)	
20	Details of registration with EPF and ESI. (in the case of Super grade or Class 1 class of Licence)	
21	The details of Licence with validity already granted if any, either as a proprietor or as a Partner of firm or as a Director of company. Whether the licensee / Partner / Director has been penalized as per the provisions of rule 37 of these Rules 2012.	

I/We.....hereby declare that the particular's stated above are correct to the best of my/our knowledge and that I/ we have read the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules, 2012 and fully understand the terms and conditions under which an Electrical Contractor's Licence is granted a breach of which will render the Licence liable for suspension or cancellation.

I/We certify that I/We will not be in possession of more than one licence of any class at any given instant in my/our/ our company or firm name.

Date

Signature of the applicant
and partners if any or Authorized signatory

Application shall be accompanied by the following:

- a) Original Treasury challan for having remitted the requisite fee as detailed in Annexure-5.
- b) Specimen signature and three recent passport size photograph clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the designated jurisdictional officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- c) Self-addressed envelope duly affixed with the requisite postage stamp.
- d) An affidavit sworn before the Notary as per Affidavit-5 to establish that he/she is not an employee of a State or Central Govt., or Public sector undertaking etc as detailed in 12 (1) (i).
- e) Any of the Photo Identity proof of the applicant such as Ration card, Passport, Voters identity card, Driving licence, Aadhar card etc,
- f) Proof of address of business premises i.e., copy of rental agreement along with khata certificate and latest tax paid receipt or an affidavit sworn before the Notary.
- g) If the licence is sought for a partnership firm a copy of the registered partnership deed and the Registration certificate issued by Registrar of Firms, and if the licence is sought for a registered company copy of Memorandum and Articles of Association approved by the Registrar of Companies. Authorization letter in original on Rs 100/- stamp paper issued to the authorized signatory by the company or partnership firm as the case may be.
- h) Where an application is made for;
 - (1) change of class of Licence, or
 - (2) regrant of Licence in lieu of lapsed Licence, original Licence already granted, Professional tax clearance certificate or an affidavit sworn before the notary in the form as per Affidavit-1, and an affidavit sworn before the Notary as per Affidavit-7.
- i) Original Solvency certificate granted not later than three months from the date of application and an undertaking affidavit sworn before the notary in the form as per Affidavit-2.
- j) Certificate granted not later than three months from the date of application from designated officer of the department of Electrical Inspectorate not below the rank of Deputy Electrical Inspector for having possessed and maintained the testing instruments, safety tools and equipments as listed in Annexure-4. Testing instruments of Super grade Licenses shall be got tested not later than three months from the date of application by NABL accredited authorized testing laboratory for the condition of testing instrument.
- k) Copies of Educational qualification along with proof of age.
- l) Details of work done along with copies of certificate of EHT/HT/LT installation work as stipulated under rule 12.
- m) Copies of the appointment letter of Supervisors, Wiremen's, and Draughtsman.
- n) Consent letters obtained from Supervisor, Wiremen and Draughtsman along with copies of their Educational Certificate and Permit.
- o) In case of Super Grade and Class 1 licence, copies of the registration certificate in EPF and ESI.

FORM - B
(Rule 12 and 13)

(SOLVENCY CERTIFICATE FROM NATIONALISED OR SCHEDULED BANK)

This is to certify that Sri _____s/o _____residing at _____is maintaining _____amount in the _____Bank since_____. His present account is more than Rs. _____ Hence in our opinion Sri_____is financially sound and stable to an extent of Rs _____

This certificate is issued without any guarantee or responsibility on the part of the Bank or any of its officer.

Place:

Date:

(Designation of the Officer authorized to sign)

with Bank seal

To,

The Chief Electrical Inspector to Govt,
Bangalore.

Note: For	Super Grade	--	Rs. 5,00,000/-
	Class 1 Contractor	-	Rs. 1,00,000/-
	Class 2 Contractor	-	Rs. 50,000/-
	Class 3 Contractor	-	Rs. 25,000/-
	SWP	-	Rs. 1,00,000/-

FORM - C

(Rule 12 or 13)

(SOLVENCY CERTIFICATE IN CASE OF PROPERTY)

No.

Office of the Tahsildar,

Subject: - Grant of Solvency certificate for Rs
In favor of Sri.....

SOLVENCY CERTIFICATE

This is to Certify that Sri Is the holder of immovable Property as noted in the margin

This immovable property is valued up to Rsin all. He has not encumbered the same up to

He is solvent to an extent for Rsonly. Certified that the Solvency Certificate has been issued to be produced before the For contract work and this is valid up to..... From the date of issue.

Certified that Certificate is valid only for this specific purpose.

Certified that the court fee stamp for Rsonly. has been recovered and affixed.

Given this day under my own and seal

SIGNATURE OF THE TAHSILDAR WITH SEAL

To,
The Chief Electrical Inspector to Govt,
Bangalore.

Note; For	Super Grade	--	Rs. 5,00,000/-
	Class 1 Contractor	-	Rs. 1,00,000/-
	Class 2 Contractor	-	Rs. 50,000/-
	Class 3 Contractor	-	Rs. 25,000/-
	SWP	-	Rs. 1,00,000/-

FORM D

(Rule 13)

GOVERNMENT OF KARNATAKA

APPLICATION FOR RENEWAL OF AN ELECTRICAL CONTRACTORS LICENCE

(For Super Grade/ CLASS 1, CLASS 2 AND CLASS 3)

(To be filled in Kannada or English)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the
Applicant /
Authorized
Signatory

1	Firm Name	
2	Business address of the firm (Proof of documents to substantiate the address and to be entered in the Licence book shall be enclosed)	
3	Contact number E mail address	

4	Whether the License is an individual /company /partnership firm	
5	In the case of company whether Memorandum of Association and Articles of Association or in the case of partnership firm whether partnership deed enclosed.	
6	In the case of company or partnership firm whether company or partnership firm resolved and issued authorization letter to the authorized signatory. Whether the letter in original enclosed.	
7	Name of the contractor or authorized signatory of the firm/company	
8	Age	
9	Father's Name	
10	In case of partnership firm, Partners Name and their address	
11	Details of Electrical contractor License a) Licence No. b) Class c) Date of issue d) validity (Original Licence to be enclosed)	
12	Details of Fees remitted	
13	If application is made late whether penal fee has been paid. Give details	
14	Number of Installation completed during the preceding years a) Lighting: b) Medium: c) H V: d) EHV	
15	Details of Supervisor permit holders employed (Name, Permit No, and date of expiry) (Attested Xerox copy duly endorsed in favour of the firm to be enclosed)	
16	Details of Wireman permit holders employed (Name, Permit No, and date of expiry) (Attested Xerox copy duly endorsed in favour of the firm to be enclosed)	
17	Particulars of instruments maintained. (List of instruments maintained by the applicant as listed in Annexure - 4 . duly verified by the officer of the Electrical inspectorate not below the rank of Deputy Electrical Inspector to be furnished.)	

18	Whether the copies of (a)Estimates and agreement in form-'Z' duly signed by the consumer and the contractor , (b) 'A1' Forms, for all the work undertaken by the Licensed Electrical contractor (c) "B1" Form regarding work completion and test report of Licensed Electrical Contractor are maintained.	
19	Whether any evidence to substantiate the financial stability is enclosed. (Original Solvency certificate and an undertaking affidavit)	
20	Details of Registration with EPF and ESI and proof premium paid (in case of super grade and Class I license)	
21	Has the applicant maintained the following registers up to date a) Register of Supervisors, Wireman and apprentices in Form 'C1' b) Application Register in Form' D1 ' c) Attendance Register in Form' E1' d) Work allocation Register in Form' F1' e) Material issue Register in Form 'G1'	
22	The details of Licence with validity already granted if any, either as a proprietor or as a Partner of any firm or as a Director of company. Whether the licensee / Partner / Director has been found to have penalized as per the provisions of rule 37 of these Rules 2012.	

I/We hereby declare that the particular's stated above are correct to the best of my/our knowledge and that I/ we have read the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules, 2012 and fully understand the terms and conditions under which an Electrical Contractor's Licence is granted a breach of which will render the Licence liable for suspension or cancellation.

I/We certify that I/We will not be in possession of more than one licence of any class at any given instant in my/our/ our company or firm name.

Signature of Applicant /
Applicants with Seal of the firm.

Note:

Application for renewal shall be submitted to the Board or to any such office of the Electrical Inspectorate as directed so as to reach the Board office three clear months before the expiry of the licence and not before five clear months before the expiry of the licence.

If renewal applications are not submitted within the specified period of three months, applications may be considered for renewal provided the application is received at least two

months in advance, accompanied with the enclosures, along with the fee towards penalty as specified in the Annexure-05 or notified by the Government from time to time.

The application for renewal shall be accompanied by the following:

- (a) Original Treasury challan for having remitted the requisite renewal fee and penal fee as the case may be, as detailed in Annexure-05.
- (b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the jurisdictional officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) A self-addressed envelope duly affixed with the requisite postage stamp.
- (d) Attested copy of Supervisor and Wireman permit duly endorsed as specified under rule 12(1) (f).
- (e) P T clearance certificate for having remitted the professional tax or an affidavit sworn before the notary in the form as per Affidavit-1.
- (f) Original Solvency certificate granted not later than three months from the date of application **or** an undertaking affidavit sworn before the notary in the form as per Annexure 3.

However Graduate or Diploma holders granted with a Licence against a relaxed solvency amount shall furnish fresh solvency certificate for being solvent to the entire amount of solvency stipulated for the said class of Licence

- (g) Certificate granted not later than three months from the date of application from designated officer of the Department of Electrical Inspectorate for having maintained the testing instruments, safety tools and equipments as listed in Annexure -4. Testing instruments of Super grade Licenses shall be got tested not later than three months from the date of application by NABL accredited authorized testing laboratory for the condition of testing instrument.
- (h) Original licence.
- (i) Details of payment of premium to EPF and ESI in case super grade and Class I License.
- (j) Details of work done along with copies of certificate of EHT/HT/LT installation work.

FORM - E
GOVERNMENT OF KARNATAKA
(SPECIAL WIRING PERMIT)
(Rule 32)
(TO BE FILED IN KANNADA OR ENGLISH)
(For Fresh and renewal)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the
Authorized
Signatory

1	Firm Name	
2	Address of the firm (Proof of documents to substantiate their address and to be entered in the Special wiring permit book shall be enclosed)	
3	Contact number E mail address	
4	Name of the Authorized signatory	
5	Age	
6	Whether any evidence to substantiate the financial stability is enclosed. (Original Solvency certificate and an undertaking affidavit)	
7	Details of Fees remitted	
8	If a Special wiring permit has been previously granted give details of 1. Special wiring permit No: 2. Date of issue and validity (Original Special wiring permit should be enclosed.)	
9	Name, Permit No and date of expiry of the permit of Supervisor permit holders employed on the strength of whose permits the Special wiring permit is applied for.	
10	Name, Permit No and date of expiry of the permit of Wireman permit holders employed on the strength of whose permits the Special wiring permit is applied for.	
11	Particulars of instruments maintained depending on the class of Voltage of the installation. (List of instruments maintained by the applicant as listed in Annexure-04 . duly verified by the officer of the Electrical inspectorate not below the rank of Deputy Electrical Inspector to be furnished.)	

12	In case the application is filed after the due date whether penal fee is paid if so, give particulars	
13	The details of Special wiring permit with validity already granted if any, either as a proprietor or as a Partner or as a Director of any other Industry. Whether the Applicant / Partner / Director has been found to have penalized as per the provisions of rule 37 of these Rules 2012.	

I/We hereby declare that the particular's stated above are correct to the best of my/our knowledge and that I/ we have read the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules, 2012 and fully understand the terms and conditions under which Special wiring permit is granted a breach of which will render the Licence liable for suspension or cancellation.

I/We certify that I/We will not be in possession of more than one Special wiring permit of any class at any given instant in my/our/ our company or firm name

Signature of Authorized person

Date

Every application shall be accompanied by the following:

- (a) Original Treasury challan for having remitted the requisite fee as detailed in Annexure-05.
- (b) Specimen signature and three recent passport size photograph clearly showing the complete face and two ears of the authorized signatory of the Industry. The specimen signature of the authorized signatory and the photograph shall be got attested by the officer of Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) Self-addressed envelope duly affixed with the requisite postage stamp.
- (d) Authorization letter in original on Rs 100/- Stamp paper by the Industrial undertaking to the authorized signatory to sign the application, completion report, etc. The authorization letter shall be signed by not less than TWO THIRD of total number of Directors of the company and in case of a partnership firm all the partners shall sign the authorization letter.
- (e) Depending on the class of voltage of their installation copy of the Grade 1 or Grade 2 Supervisor permits and minimum of three number of Wireman permit.
- (f) Where an application is made for regrant of special wiring permit in lieu of lapsed Special wiring permit, original Special wiring permit already granted and an affidavit sworn before the Notary as per Affidavit-07.
- (g) Original Solvency certificate granted not later than three months from the date of application and an affidavit sworn before the notary in the form as per Affidavit-2 or 3.
- (h) Certificate granted not later than three months from the date of application from designated officer of the Department of Electrical Inspectorate not below the rank of Deputy Electrical Inspector for having possessed and maintained the testing instruments, safety tools and equipments as listed in Annexure -04 along with the copies of test certificate granted not later than three months from the date of application by NABL accredited authorized testing laboratory for the condition of testing instrument.

FORM F
(Rule 20)

Government of Karnataka

Application for admission to Examination for Electrical Supervisors (General)

GRADE – II

(To be filled in Kannada or English)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the
Applicant

1	Full Name	
2	Address of the Applicant	
3	Father's Name	
4	Date of Birth	
5	Age	
6	Contact number E mail address	
7	Whether the applicant had appeared earlier for the same examination conducted by the Board. If yes, Admission Ticket Number	
8	Educational Qualification (certified copy of Testimonials to be submitted)	
9	Details of Electrical Wireman permit held and its Permit No and validity	
10	Details of technical qualification (Dates of commencement and termination of each appointment to be given)	
11	Details of Fees remitted for a) Application Form b) Examination:	
12	Language in which the candidate desires to be examined (Candidate can be examined in English or in the Kannada Language)	Kannada / English
13	Center where the candidate desires to be examined.	

I hereby declare that the particulars stated above are correct and true the best of my knowledge

Date:

Signed in my presence

(Signature of the Applicant)

(Address to be stated clearly)

Cross out the language in which it is not intended to give Examination.

Note: - The application shall be accompanied by the following documents to establish the eligibility of the Applicant.

- (a) Copies of the educational testimonials duly attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector along with proof of age.
- (b) A certificate in Form N from the present and past employers regarding conduct and practical experience. In the case of a Licenced Electrical Contractor desiring to appear to the examination, the declaration shall be in form P.
- (c) Original Treasury challan for having remitted the requisite fee as per Annexure – 5.
- (d) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector.
- (e) Two numbers of self-addressed envelope duly affixed with the requisite postage stamp.
- (f) Any of the Photo Identity proof of the candidate and Proof of address such as Ration card, pass port, Voters identity card, Rahavasi pramana patra, Life insurance policy, Aadhar card or an affidavit sworn before the Notary.
- (g) Attested copy of Valid Electrical Contractor Licence or Special wiring permit of the Employer and Electrical Wireman permit.
- (h) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

Note:-

1. Testimonial copies attested by the jurisdictional area Deputy Electrical Inspector should be submitted with the application.
2. The application must be signed in the presence of the jurisdictional area Deputy Electrical Inspector.
3. Any person making false statements for the purpose of admission to the examination shall render himself liable for prosecution.
4. Incomplete application will be rejected.

FORM G
(Rule 27)

Government of Karnataka
Application for admission to Examination for Electrical Wireman
GRADE – II
(To be filled in Kannada or English)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the
Applicant

1	Full Name	
2	Address of the Applicant	
3	Father's Name	
4	Date of Birth	
5	Age	
6	Contact number E mail address	
7	Whether the applicant had appeared earlier for the same examination conducted by the Board. If yes, Admission Ticket Number	
8	Educational Qualification (certified copy of Testimonials to be submitted)	
9	Details of technical qualification (Dates of commencement and termination of each appointment to be given)	
10	Details of Fees remitted for a) Application Form b) Examination:	
11	Language in which the candidate desires to be examined (Candidate can be examined in English or in the Kannada Language)	Kannada / English
12	Center where the candidate desires to be examined.	

I here by declare that the particulars stated above are correct and true the best of my knowledge

Date:

Signed in my presence

(Signature of the Applicant)

(Address to be stated clearly)

Cross out the language in which it is not intended to give Examination.

Note :- The application shall be accompanied by the following documents to establish the eligibility of the Applicant.

- (a) Copy of the educational testimonials attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector along with proof of age.
- (b) A certificate in Form 'N' from the present and past employers for establishing the period of experience as well as the certificate of conduct, in case Licenced Electrical Contractor himself/herself desiring to appear for the examination the declaration shall be in form 'Q'.
- (c) Original treasury challan for having remitted the requisite fee as per the Annexure-15.
- (d) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector.
- (e) Two numbers of self-addressed envelope duly affixed with the requisite postage stamp.
- (f) Any of the Photo Identity proof of the candidate and proof of address such as Ration card, Passport, Voters identity card, Rahavasi pramana patra., Life insurance policy, Aadhar card or an affidavit Sworn before the Notary.
- (g) Attested copy of valid Electrical Contractor Licence or Special wiring permit of the Employer
- (h) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

Note:-

- (1) Testimonial copies attested by the jurisdictional area Deputy Electrical Inspector should be submitted with the application.
- (2) The application must be signed in the presence of the jurisdictional area Deputy Electrical Inspector.
- (3) Any person making false statements for the purpose of admission to the examination shall render himself liable for prosecution.
- (4) Incomplete application will be rejected.

FORM H
(Rule 24)

Government of Karnataka

APPLICATION FOR ADMISSION TO EXAMINATION FOR ELECTRICAL SUPERVISOR (MINES)

GRADE – II

(TO BE FILLED IN KANNADA OR ENGLISH)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the
Applicant

1	Full Name	
2	Address of the applicant	
3	Father's Name	
4	Date of Birth	
5	Age	
6	Contact number E mail address	
7	Whether the applicant had appeared earlier for the same examination conducted by the Board. If yes, Admission Ticket Number	
8	Details of Educational and Technical Qualification (Educational Testimonials attested copies thereof to be submitted)	
9	Details of Electrical Supervisor(General) permit held Permit No and Validity	
10	Details of past and present service date of Commencement of and termination of each appointment to be given.	
11	Details of Fees remitted for a) Application Form b) Examination Fees	
12	Language in which the candidate desires to be examined Candidate can be examined in English and in Kannada language.	Kannada / English
13	Center where the candidate desires to be examined.	

I hereby declare that the particulars stated above are correct and true the best of my knowledge.

Dated:

Signature in presence

Signature of applicant
(Address to be stated clearly)

Signature.

Destination:

Cross out the language in which it is not intended to give examination

The center of examination will be notified by from time to time.

The application shall be accompanied by the following documents to establish the eligibility of the candidates.

- (a) Copy of the educational testimonials attested by the officer of Electrical Inspectorate not below the rank of Deputy Electrical Inspector along with proof of age.
- (b) A certificate in Form 'O' from the present and past employers establishing the period of experience as well as the certificate of conduct.
- (c) Original treasury challan for having remitted the requisite fee as per the Annexure-05.
- (d) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The specimen signature and photograph shall be got attested by the officer of Electrical Inspectorate not below the rank of Deputy Electrical Inspector.
- (e) Two numbers of self-addressed envelope duly affixed with requisite postage stamp.
- (f) Any of the Photo Identity proof of the candidate and Proof of address such as Ration card, Pass port, Voters identity card, Rahavasi pramana patra, Life Insurance policy, Aadhar card or an affidavit Sworn before the Notary.
- (g) Copy of the valid Electrical supervisor (General) Grade I or Grade II Permit.
- (h) Proof that the installation in which he is working is a mining instillation with in the meaning of Mines Act and is located within the territory of State of Karnataka.
- (i) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

Note:-

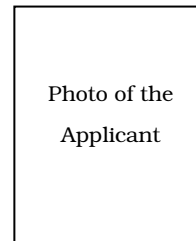
- i. Testimonial copies attested by the Jurisdictional Deputy Electrical Inspector should be submitted with the application.
- ii. The application must be signed in the presence of the jurisdictional Deputy Electrical Inspector
- iii. Any person making false statements for the purpose of admission to the examination shall render himself liable for prosecution.
- iv. Incomplete application will be rejected.

FORM - I
(Rule - 17)

Government of Karnataka
Electrical Supervisory Certificate of Competency
Electrical Supervisor (General) Grade - 1

Certificate No.

Date of Issue



.S/o or D/o.R/o.having satisfied the
Licensing Advisory and Examination Board that his/her qualifications entitle him/her for **exemption**
from taking the prescribed examination of supervisor is here by granted this certificate of Competency

Details of Examination passed:

Bangalore

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

FORM - J
(Rule 17)

Government of Karnataka
Electrical Supervisory Certificate of Competency
Electrical supervisor (General) Grade - 2

Certificate No.

Date of Issue



.S/o or D/o.R/o.having satisfied the
Licensing Advisory and Examination Board, by passing the prescribed Examination for Electrical
Supervisor (General) Grade II held at.centre vide Register no.
hereby granted this certificate of competency

Bangalore

Dated

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

FORM - K

(Rule 21)

Government of Karnataka

Electrical Supervisory Certificate of competency

Electrical Supervisor (Mines) Grade -1

Certificate No.

Date of Issue



.s/o or D/o.R/o.having satisfied the Licensing Advisory and Examination Board, by passing the prescribed Practical and Oral examination for Electrical supervisor for working in Mining held at.centre vide Register No. is hereby granted this certificate of competency.

Bangalore

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

FORM - L

(Rule 21)

Government of Karnataka

Electrical Supervisory Certificate of competency

Electrical Supervisor (Mines) Grade - 2

Certificate No.

Date of Issue



.s/o or D/o.R/o.having satisfied the Licensing Advisory and Examination Board, by passing the prescribed examination for Electrical supervisor for working in Mining held at.centre vide Register No. is hereby granted this certificate of competency.

Bangalore

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

FORM - M
(Rule 25)

Government of Karnataka

Certificate for having passed Electrical Wireman Examination GRADE-II

Certificate No.

Date of Issue

Photo of the
Applicant

. S/o/D/o R/o having satisfied the Licensing Advisory and Examination Board, by passing the prescribed examination for Electrical Wireman Grade II held at. centre vide Register No is here by granted this Certificate.

Bangalore

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

FORM - N
(Rule 20 and 27)

(Certificate to be granted by present or past employer to a candidate for Electrical Supervisor or Electrical Wireman Grade II examination)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O / O Chief Electrical Inspector to Govt.,
BANGALORE

1.	Name of the Apprentice	
2.	Father's name	
3.	Address of the Apprentice	
4.	Designation held as per attendance register.	
5.	Date of admission as per attendance register	
6.	Nature of work	
7.	Date of leaving as per the attendance register	
8.	Attendance as per Attendance register .	
9.	Conduct	

10.	Particulars of a) Firm Name b) License Number c) Class d) Validity	
11.	Remarks	
12.	Conduct	

Place:

Date:

Signature of the
Licenced Electrical contractor or
Authorized signatory of the firm/company (with seal)
Licence No and Class /Special wiring permit
No. and valid up to;

Note: All the columns shall be properly filled up. Incomplete form shall be rejected

FORM - O

(Rule 24)

(Certificate to be granted by present or past employer to a candidate for Electrical Supervisor Mines
GRADE-II Examination)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O / O Chief Electrical Inspector to Govt.,
BANGALORE

1.	Name of the Apprentice	
2.	Father's name.	
3.	Address of the Apprentice	
4.	Designation held	
5.	Date of Admission as per the attendance register	
6.	Nature of work (Nature of Training Experience and responsibility in which he was or is being employed by each employer).	
7.	Date of leaving as per the attendance register	
8.	Attendance as per the attendance register	
9.	Conduct	
10.	Remarks	

Place:

Date :

Signature of employer /
Authorized signatory of
Mining company with seal

Note: - Copy of the Mining Lease agreement awarded by the Government of Karnataka shall be enclosed.

FORM - P
(Rule - 20)

(INFORMATION TO BE FURNISHED BY AN EXISTING SELF LICENCED ELECTRICAL CONTRACTOR
BEFORE ADMISSION TO ELECTRICAL SUPERVISOR (GENERAL) Grade II. EXAMINATION)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O / O Chief Electrical Inspector to Govt.,
BANGALORE

1.	Name of the Applicant	
2.	Father's Name	
3.	Details of Electrical Wireman permit held and its Permit No and validity	
4.	Whether the applicant had appeared earlier for the same examination conducted by the Board. If yes, Admission Ticket Number.	
5.	For how many years are you a Licenced Electrical Contractor?	
6.	Give particulars of your a. Firm Name b. License Number c. Class d. Date of Issue e. Validity	
7.	Give particulars, if any, of big wiring jobs done (such as cinema, Factories, etc., Give names and address of their management.	
8.	Total No. of installations actually Wired and serviced by you. a) Lighting b) Heating c) Irrigation Pumps d) Power e) H T	
9.	Name of your present Electrical Supervisor ,Permit No and his technical qualification	

Place:

Date:

Signature of the Applicant.

Licence number

Class and validity

FORM - 9**(Rule 27)**

(INFORMATION TO BE FURNISHED BY AN EXISTING SELF LICENCED ELECTRICAL CONTRACTOR
BEFORE ADMISSION TO ELECTRICAL WIREMAN GRADE II EXAMINATION)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O / O Chief Electrical Inspector to Govt.,
BANGALORE

1	Name of the Applicant	
2	Father's Name	
3	Whether the applicant had appeared earlier for the same examination conducted by the Board. If yes, Admission Ticket Number .	
4	For how many years are you a Licenced Electrical Contractor.	
5	Give particulars of your a) Firm Name b) Licence Number c) Class d) Date of Issue e) Validity	
6	Give particulars, if any, of big wiring jobs done (such as cinema, Factories, etc., Give names and address of their management.	
7	Total No. of installations actually Wired and serviced by you. a) Lighting b) Heating c) Irrigation Pumps d) Power e) H T	
8	Name of your present Electrical Supervisor ,Permit No and his technical qualification	

Place:

Date:

Signature of the Applicant.

Licence number

Class and validity

FORM - R**(Rule 17)**

APPLICATION FOR FRESH ELECTRICAL SUPERVISOR (General)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the
Applicant

1	Name of the Applicant	
2	Date of birth	
3	Age	
4	Father's Name	
5	Address (Proof of documents to substantiate their address and to be entered in the PERMIT book shall be enclosed)	
6	Contact number E mail address	
7	Details of Educational Qualifications / Examinations conducted by the Board	
8	No. and date of Certificate or Competency Certificate issued	
9	Whether the permit is applied for Grade I or Grade II	
10	If applied on the basis of Lapsed Permit Details of Permit held	
11	Details of fees remitted.	
12	The details of the permit with validity already granted to applicant (a) Whether the permit holder has been found to have penalized as per the provisions of 37 of these Rules, 2012.	

I hereby declare that the particular's stated above are correct to the best of my knowledge and that I have read The Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules, 2012 and fully understand the terms and conditions under which permit is granted a breach of which will render the permit liable for suspension or cancellation.

I certify that I will not be in possession of more than one permit of any class at any given instant in my name.

Place:

Date:

Signature of the Applicant

INSTRUCTION: The application shall be accompanied by the following:-

- a) Copy of the Degree or Diploma certificate issued by the University or Technical Board or any other certificate which is recognized as equivalent to the above by the Directorate of Technical Education, Government of Karnataka, Bangalore or certificate of competency in form I or J issued by the Board. Copy shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- c) A self-addressed envelope duly affixed with requisite postage stamp.
- d) Any of the Photo Identity proof of the applicant and Proof of address such as Ration card, Passport, Voters identity card, Life insurance policy, Aadhar card or an affidavit sworn before the Notary.
- e) Original treasury challan for having remitted the requisite fee as detailed in Annexure - 5.
- f) Where an application is made for re grant of the permit which has lapsed, the original lapsed permit and copy of the certificate of competency in addition to the enclosures listed under (b), (c), and(e) above and an affidavit sworn before the Notary as per Affidavit - 7.
- g) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

FORM - S

(Rule 21)

(APPLICATION FOR FRESH ELECTRICAL SUPERVISOR (MINES))

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the
Applicant

1	Name of the Applicant	
2	Date of birth	
3	Age	
4	Father's Name	
5	Address (Proof of documents to substantiate their address and to be entered in the PERMIT book shall be enclosed)	
6	Contact number E mail address	

7	Details of Educational Qualifications / Examinations conducted by the Board	
8	No. and date of Certificate or Competency Certificate issued	
9	Whether the permit is applied for Grade I or Grade II	
10	If applied on the basis of Lapsed Permit Details of Permit held	
11	Details of fees remitted.	
12	The details of the permit with validity already granted to applicant (a) Whether the permit holder has been found to have penalized as per the provisions of 37 of these Rules 2012	

I hereby declare that the particular's stated above are correct to the best of my knowledge and that I have read The Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012 and fully understand the terms and conditions under which permit is granted a breach of which will render the permit liable for suspension or cancellation.

I certify that I will not be in possession of more than one permit of any class at any given instant in my name.

Place:

Date:

Signature of the Applicant

INSTRUCTION: The application shall be accompanied by the following:-

- (a) Copy of certificate of competency in the form K or L issued by the Board duly attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector
- (b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) A self-addressed envelope duly affixed with the requisite postage stamp.
- (d) any of the Photo Identity proof of the applicant and Proof of address such as Ration card, Passport, Voters identity card, Rahavasi pramana patra., Life insurance policy, Aadhar card or an affidavit sworn before the Notary.
- (e) Original treasury Challan for having remitted the requisite fee detailed in Annexure-5.
- (f) Where an applicant seeks regrant of the Permit which has lapsed he/she shall enclose the original lapsed permit, copy of the certificate of competency in addition to the enclosures listed under (b), (c), and (e) above, and an affidavit sworn before the Notary as per Affidavit-7
- (g) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application

FORM – T**(Rule 25)**

(APPLICATION FOR FRESH ELECTRICAL WIREMEN)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the
Applicant

1	Name of the Applicant	
2	Date of birth and age	
3	Age	
4	Father's Name	
5	Address (Proof of documents to substantiate their address and to be entered in the PERMIT book shall be enclosed)	
6	Contact number E mail address	
7	Details of Educational Qualifications / Examinations conducted by the Board	
8	No. and date of Certificate or Competency Certificate issued	
9	Whether the permit is applied for Grade I or Grade II	
10	If applied on the basis of Lapsed Permit Details of Permit held	
11	Details of fees remitted.	
12	The details of the permit with validity already granted to applicant (a) Whether the permit holder has been found to have penalized as per the provisions of 37 of these Rules 2012.	

I hereby declare that the particular's stated above are correct to the best of my knowledge and that I have read The Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012 and fully understand the terms and conditions under which permit is granted a breach of which will render the permit liable for suspension or cancellation.

I certify that I will not be in possession of more than one permit of any class at any given instant in my name.

Place:

Date:

Signature of the Applicant

INSTRUCTION: The application shall be accompanied by the following:

- (a) Attested copy of Wireman/Electrician/Electrical Trade Certificates issued by the Institutions recognized by the State Government or Job oriented pre university Diploma Certificate in the vocational course of Electrical Wiring and Servicing of Electrical Appliances granted by the Karnataka State Council of Vocational Education or other Certificate which is recognized as equivalent by the Directorate Employment and Training, Government of Karnataka, Bangalore or Certificate in form M issued by the Board.
- (b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) A self-addressed envelope duly affixed with the requisite stamps.
- (d) Any of the Photo Identity proof of the applicant and Proof of address such as Ration card, Passport, Voters identity card, Rahavasi pramana patra, Life insurance policy, Aadhar card or an affidavit Sworn before the Notary.
- (e) Original treasury Challan for having remitted the requisite fee as detailed in Annexure-5.
- (f) Where an applicant seeks re grant of the Permit which has lapsed he/she shall enclose the original lapsed permit in addition to the enclosures listed under (b), (c), and (e) above, and an affidavit sworn before the Notary as per Affidavit-7.
- (g) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.

FORM – U

(Rule 28)

APPLICATION FORM FOR RENEWAL OF ELECTRICAL SUPERVISOR (GENERAL)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the
Applicant

1.	Name of the Applicant (in Block letters)	
2.	Father's Name	
3.	Address (Proof of documents to substantiate their address and to be entered in the PERMIT book shall be enclosed)	
4.	Contact number E mail address	

5.	No. and date of issue of Supervisors (General) permit (original permit should be enclosed.)	
6.	Date of expiry of the permit	
7.	Whether the permit is Grade I or Grade II	
8.	Details of fees remitted.	
9.	In case the application is filed after due date whether penal fee is paid (Give particulars)	
10.	The details of the permit with validity already granted to applicant (a) Whether the permit holder has been found to have penalized as per the provisions of 37 of these Rules 2012.	

I hereby declare that the particular's stated above are correct to the best of my knowledge and that I have read The Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012 and fully understand the terms and conditions under which permit is granted a breach of which will render the permit liable for suspension or cancellation.

I certify that I will not be in possession of more than one permit of any class at any given instant in my name.

Date:

Place:

SIGNATURE OF THE APPLICANT.

The application for renewal shall be accompanied by the following:

- (a) Original treasury challan for having remitted the requisite fee / penal fee as the case may be as detailed in Annexure-5.
- (b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) A self-addressed envelope duly affixed with the requisite postage stamp.
- (d) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.
- (e) Original permit.

FORM – V
(Rule 28)

APPLICATION FORM FOR RENEWAL OF ELECTRICAL SUPERVISOR (MINES)

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the Applicant

1.	Name of the Applicant (in Block letters)	
2.	Father's Name	
3.	Address (Proof of documents to substantiate their address and to be entered in the PERMIT book shall be enclosed)	
4.	Contact number E mail address	
5.	No. and date of issue of Supervisors (MINING) permit (original permit should be enclosed.)	
6.	Date of expiry of the permit	
7.	Whether the permit is Grade I or Grade II	
8.	Details of fees remitted.	
9.	In case the application is filed after due date whether penal fee is paid (Give particulars)	
11.	The details of the permit with validity already granted to applicant (a) Whether the permit holder has been found to have penalized as per the provisions of 37 of these Rules 2012.	

I hereby declare that the particular's stated above are correct to the best of my knowledge and that I have read The Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012 and fully understand the terms and conditions under which permit is granted a breach of which will render the permit liable for suspension or cancellation.

I certify that I will not be in possession of more than one permit of any class at any given instant in my name.

Date:

Place:

SIGNATURE OF THE APPLICANT.

The application for renewal shall be accompanied by the following:

- (a) Original treasury challan for having remitted the requisite fee / penal fee as the case may be as detailed in Annexure-5.
- (b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) A self-addressed envelope duly affixed with the requisite postage stamp.
- (d) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.
- (e) Original permit.

FORM - W

(Rule 28)

APPLICATION FORM FOR RENEWAL OF ELECTRICAL WIREMEN

TO:

The Member Secretary,
Licensing Advisory and Examination Board,
O/o Chief Electrical Inspector to Govt.,
BANGALORE

Photo of the
Applicant

1	Name of the Applicant (in Block letters)	
2	Father's Name	
3	Address (Proof of documents to substantiate their address and to be entered in the PERMIT book shall be enclosed)	
4	Contact number E mail address	
5	No. and date of issue of WIREMEN permit (original permit should be enclosed.)	
6	Date of expiry of the permit	
7	Whether the Permit is Grade I or Grade II	
8	Details of fees remitted.	
9	In case the application is filed after due date whether penal fee is paid (Give particulars)	
10	The details of the permit with validity already granted to applicant (a) Whether the permit holder has been found to have penalized as per the provisions of 37 of these Rules 2012	

I hereby declare that the particular's stated above are correct to the best of my knowledge and that I have read The Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012 and fully understand the terms and conditions under which permit is granted a breach of which will render the permit liable for suspension or cancellation.

I certify that I will not be in possession of more than one permit of any class at any given instant in my name.

Date:

Place:

SIGNATURE OF THE APPLICANT.

The application for renewal shall be accompanied by the following:

- (a) Original treasury challan for having remitted the requisite fee / penal fee as the case may be as detailed in Annexure-5.
- (b) Specimen signature and three recent passport size photograph of the applicant clearly showing the complete face and two ears of the applicant. The Specimen signature and photograph shall be got attested by the officer of the Electrical Inspectorate not below the rank of Deputy Electrical Inspector or by the Notary.
- (c) A self-addressed envelope duly affixed with the requisite postage stamp.
- (d) Original Medical fitness certificate issued by a Registered Medical Practitioner not later than one month from the date of application.
- (e) Original permit.

FORM - X

(REQUISITION FOR ENDORSEMENT OF ELECTRICAL SUPERVISOR (GENERAL) AND WIREMAN PERMIT)

(Rule 35)

TO:

The Member Secretary,
Licensing Advisory and
Examination Board,
O/O Chief Electrical Inspector Govt.,
Bangalore.

Sir,.

Sub: Endorsement of Electrical Supervisor/Wireman permit No.

I, hereby declare that I propose to be / an already employed as part time / Supervisor / Wireman underM/s Hence my permit NoValid up to may kindly be endorsed in favor of my above employer.

In case there is any change in the above position, I shall be notifying the same to you as early possible but not later than 24 hours of the change coming into effect.

SIGNATURE OF THE APPLICANT

Certified that Sri is employed as a part time Supervisor / Wireman in my / our concern / firm from the date mentioned below. Hence his Supervisor / wireman permit may kindly be endorsed in favor of my / our firm with effect from

Signature of the employers
With date of Employment,
Seal, full address and
Licence /Special wiring permit No. and Validity

FORM - Y
(Rule 35)

(REQUISITION FOR CANCELLATION OF ENDORSEMENT OF ELECTRICAL (GENERAL) SUPERVISOR AND WIREMAN PERMIT)

TO:
The Member Secretary,
Licensing Advisory and
Examination Board,
O/O Chief Electrical Inspector Govt.,
Bangalore

Sir,

I hereby declare that, I was employed as part time supervisor/wireman in M/s..... Now I am not working in the above firm. Therefore endorsement made in my permit No... . valid upto in favor of the above firm may kindly be cancelled.

SIGNATURE OF THE APPLICANT

Certified that Sri permit No. valid upto
is now not an employee of our firm from. Hence endorsement made
in his permit and in our licence may kindly be cancelled.

SIGNATURE OF THE EMPLOYER.
With seal and
Licence / Special wiring permit number and
Validity

FORM - Z**(Rule 16)****ESTIMATE AND AGREEMENT****(to be executed on stamp paper as per the Karnataka Stamp Act)****ESTIMATE****Estimate for**

Sl No	Description of work in detail	Rate
	Total Cost	

Signature of the Consumer

Signature of the Contractor and
Address with seal
Licence No, Class
and Validity

AGREEMENT

(IN ACCORDANCE WITH THE RULE AND CONDITIONS FOR GRANT OF LICENCE FOR ELECTRICAL CONTRACTOR.)

An agreement made on this. day of the month of the year between M/s./ Shri/ Smt. herein after called as the prospective consumer (with expression wherever context call as the prospective consumer (with expression wherever context so admits shall include his/her succession and assigns) of the one part and M/s. /Shri/ Smt. hereinafter called the Licenced electrical contractor (which expression wherever context so admits shall include his/her successors and assigns) of the part.

WHEREAS at the request of the prospective consumer, the Contractor has agreed for the execution of electrical work at door No. Street. Town or Village. Subject to the following conditions and also to complete and handover the same to the consumer along with the test and completion report in satisfactory and work man like manner in accordance with the relevant rules in force on or before day. of (the month) the year.

NOW THIS AGREEMENT WITNESS AS FOLLOWS

1. In this agreement unless the context otherwise required rules mean the following rules as amended from the time to time.
 - a) (i) Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010,

(ii) Karnataka Cinemas (Rule) Rules, 1971 and The Karnataka Exhibition of films on TV screen through VCR and Laser Disc Rules, 1984.

(iii) The Karnataka (Licensing of Electrical Contractor and Grant of certificates and Permits to Electrical Supervisors and Wireman) Rules, 2012.

b) B I.S. means Bureau of Indian Standards

c) Supply Authority means any Licensee who has undertaken to supply energy in the areas.

2. A copy of the estimate with specifications of the materials to be used and agreed rates and the probable total cost of the work shall accompany this agreement duly signed by the prospective consumer and the contractor.
3. The contractor shall not petition for the revision of rate mentioned in the estimate (Under item 2) under any circumstances under any stage of work during the period of contract unless mutually agreed upon by the contractor and consumer in writing.
4. The contractor shall adopt any alteration or additional at the request in writing of the consumer of the consumer at least three days in advance to such alteration or addition. Rates for such alteration addition, if not covered in the estimate shall be mutually agreed upon in writing.
5. All amounts received towards the works by the contractor shall be acknowledged on receipt only. Such receipt shall be preserved by the consumer. Copies of such receipts shall be preserved by contractor.
6. The contractor may extend the period of contract for the completion of the work with the consent of the consumer in writing stating clearly the period of extension agreed under intimation to the supplier..
7. If the delay is caused due to unsatisfactory progress of civil work such delay caused shall be immediately intimated by the contractor to the consumer and the supplier in writing and further extension of period for completing the wiring work will be decided upon, in consultation with the contractor. Should thereby variation in the market prices of Electrical materials during the extended period, the variation of rates in the estimates shall be fixed as agreed to by both the parties.
8. The contractor's shall get the work done only through authorized wireman, under direct supervision of authorized supervisor under his employ holding valid permit and certificate of competency issued by the Board.
9. The contractors shall use materials confirming to the BIS standard or other equivalent standard and execute the works in sound substantial and workmen like manner as per rules prescribed under 1(a)
10. The contractor shall stand guarantee for a period of one year from the date of service for any defect in the installation which may appear due to bad workmanship during execution and replace any defective materials and rectify the defects of bad workmanship free of cost during the guarantee period.
11. (a) The consumers shall enter into an agreement with the supply authority and pay all the required deposits towards the service mains, supervision charges monthly minimum, etc., to the supply authority with out undue delay to facilitate the contractor to get the installation serviced.

(b) The contractor shall not be responsible for the delay in servicing the installation, provided that the completion report has been handed over to the consumer in advance before the expiry date of the agreement period.

12. In case of a difference or dispute between the contractor and consumer during execution of work regarding the quality of materials or workmanship, the same shall be referred to the Chief Electrical Inspector to Govt. Bangalore, by either party giving seven days clear notice of his intention to do so to the other party.

13. The Chief Electrical Inspector’s decision regarding dispute in quality of the material used and workmanship shall be final.

14. (a) The consumer shall enclose a copy of this agreement along with the application to the supplier for power sanction.

(b) The contractor shall intimate the concerned jurisdictional supplier not below the rank of Junior Engineer and for the works to be inspected and approved by the Electrical Inspectorate authority to the jurisdictional Electrical Inspectorate authority in the prescribed Form ‘A1’ within 48 hours of the commencement of work

An amount of Rs..... in words..... is paid to the contractor as initial advance towards the said contract at the time of signing this agreement and further payment shall be made as mutually agreed upon.

Signed and sealed by the said parties of the month. of year.

In presence of witnesses.

1)

2)

Signature of the Consumer

Signature of the Electrical Contractor with seal
of the firm ,
Licence No. Class No,
and Validity

FORM – A1
(Rule 16)
(REPORT OF COMMENCEMENT OF WORK)

Sl. No.

Date

To.

I/We have undertaken the electrical installation work as detailed below

1. Name and Address of the consumer
2. Location and Address of installation
3. Nature of Installation
4. Permanent or Temporary
5. Details of work
6. Date of Commencement
7. Date of Completion as per agreement
8. Name and permit No. (s) of wireman: deputed for the above job.
9. Name of apprentices (s) if any working with shall shown in item 8 above
10. Name and Permit No. of the supervisor :

Signature of Consumer.

Signature of the Contractor with seal
of the firm and Licence No.

Explanation note for filling of the Form.

For item 3: State whether Extra High, High, Medium or Low Voltage installation and whether domestic (Light, Power, etc.) water pump, cinema, factories, mills overhead lines etc.

For item 5 : Full details as to number of lamps, plugs, Generators, motors, and any other electrical accessories with horse power or capacity to be given

FORM - B1**(Rule 16)****(Electrical Contractor Work Completion and Test Report)**

To,

The Chief Electrical Inspector to Govt, Bangalore.

The Deputy Chief Electrical Inspector

The Electrical Inspector

The Deputy Electrical Inspector

Sir,

Sub : - Licensed Electrical Contractor work completion and Test Report of electrical installation of M/s _____

- Ref : - 1) Consumer / company work order no
 2) ESCOM /KPTCL power sanction Letter No
 3) Agreement No dated
 4) Electrical installation drawing approval No

We wish to certify that the Electrical installation as detailed here under taken by our firm / company as per the firm / company work order detailed under ref No 2. The electrical installation of electrical equipment and wiring work is carried out through authorized persons under The Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules, 2012, as per the approved electrical installation drawings by your kind office vide ref No 3 and completed according to Central Electricity Authority (Measures relating to Safety and Electric supply) Regulations, 2010/ National Electricity Code, 1985 / Lift Act, 1974 / Cinema Regulation Rules, 1968 using only quality materials confirming to Indian Standard and specification.

DETAILS OF ELECTRICAL INSTALLATION WORK CARRIED OUT

1. Name of the Owner and address of the Installation	
2. Name of the electrical contractor with official address License number and Validity	
3. Name of the electrical Supervisor with official address Permit number and Validity	
4. Name of the electrical Wiremen with official address Permit number and Validity	
5. Details of Electrical Installation (Generator, Transformer, M.S. Building etc)	

6. Name plate details of each and individual equipments (make, Specification, Serial number) separate sheet shall be enclosed for Multiple installation

TC/HT installation

HT UG cable =
 HT Switch gear =
 Transformer =
 LT UG cable =
 Control panel bus bar size/rating =
 LT switch gear =
 LT Load =

DG Set Installation

Engine =
 Alternator =
 CT =
 PT =
 Energy meter =
 Control panel bus bar size/rating =

MS Building Installation

Number of block =
 Number of floors in each block =
 Total connected load of installation =
 Total connected load of each block =
 Main UG cable =
 Distribution cable =
 LT switch gear =
 Control panel bus bar size/rating =
 No of rising main =
 Size of cable/ BBT in rising main =
 Earth lead in rising main =

Transmission/Distribution line

Route detail =
 System voltage =
 Route length =
 No of circuit =
 No of line support/Tower =
 Type of line support/Tower =
 Type of line conductor =
 Tower foot resistance =

IPP installation (Generator, Main and Dist Transformer, Aux Load, etc shall be detailed)

Miscellaneous installation shall be detailed

7. Details of connected HT / LT loads (PCC's, MCC's, Panels and circuits wise)	Total connected load of the plant =	
8. Details of wiring / cabling size, numbers of run, length (UG cable, HT / LT main cable, distribution, sub distribution and load side cables)		
9. Details of Earthing schedule (size of earth lead of grid, mat, and individual equipment)		
10. Details of Insulation test results (Equipment / Circuit wise), date of test	Name and details of Insulation Tester used for testing	
	Test Results	
11. Details of Earth test results (Equipment / Earth electrode wise), date of test	Name and details of Earth Tester used for testing	
	Test Results	
12. Details of officer/ Officials authorized to operate and maintaining the electrical installation with their respective qualifications.		

I certify that the above installation work is carried out under my direct supervision by the qualified wiremen under the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012 and the installation has been tested with the above test results are furnished for your kind perusal and inspection.

Name Electrical Supervisor =

Permit No = **S**

Valid upto =

Signature of Electrical Supervisor

The above electrical installation work is completed by the under the direct supervision of above signed Electrical Supervisor as per the prevailing rules and regulations and the installation is ready for inspection.

Signature of the installation owner

Signature of Licensed Electrical Contractor
with seal of firm

Firm name and Address =

License Number and Class =

Valid Upto =

Note :- separate sheets shall be attached for more details of electrical installation if required.

Enclosures:- Approved Drawings, Copy of electrical contractor License, copy of Supervisor permit with Endorsement, Z and A1 Forms, copy of Power sanction letter, copy of work order, copy of NOC from other LEC in case of change of LEC

FORM – C1**(Rule 16)**

Register of Supervisors, Wireman and Apprentices Working with LEC

Sl. No.	Name of Employees	Whether Supervisor's/ Wireman's / Apprentices	Permit No	Date of Employment	Date of Discharge	Remarks

FORM – D1**(Rule 16)****Application Register**

1.	Sl. No.	
2.	Name and address of the applicant	
3.	Location of the Installation	
4.	Nature and details of Installation	
5.	Date of submission estimate to the consumer.	
6.	Date of acceptance of estimate by the consumer	
7.	Date of signing of agreement	
8.	Date of submission of application to supply authorities.	
9.	Date of inspection by supplier	
10.	Date of receipt of sanction and reference	
11.	Date of submission of commencement report to the Electrical Inspectorate.	
12.	Date of commencement of work.	
13.	Date of completion of work	
14.	Date of submission of completion report	
15.	Date of service	
16.	R.R. No.	
17.	Remarks	

FORM- G1
(Rule 16)
MATERIALS ISSUE REGISTER

Name of L.E.C:

Firm Name and Licence No:

Name of the work:

Reference to application Register:

Name of the consumer and Address

Particulars of Material issued (give details such as quantity, make, gauge, etc)

N.B, - Page I of the Material issue register shall exhibit the particulars of testing instruments maintained by the Licenced electrical contractor.

SL No.	Name of the Equipment/ material issued	Details	Remarks

FORM - H1

(Rule 16)

Details of bill board to be displayed at the entrance of the electrical installation by the electrical contractor

The Electrical installation works of the Installation owned by M/s is undertaken by the following Electrical contractor

- 1) Details of Electrical Installation :-
- 2) Name & address of electrical contractor with the firm name:-
- 3) License Number with validity :-
- 4) Name of the Electrical supervisor:-
- 5) Permit number with validity :-
- 6) Name of the Wiremen :-
- 7) Permit Number with validity:-
- 8) Name of Apprentice wiremen's:-
- 9) Project cost (Electrical Portion):-
- 10) Project commencement date :-
- 11) Proposed Project completion date :-
- 12) Proposed Date of commissioning :-

FORMATS OF AFFIDAVIT

AFFIDAVIT - 1

DECLARATION FOR PROFESSIONAL TAX, PAYMENT MADE TO EPF AND ESI

(Rule 12 and 13)

(To be executed on stamp paper, as per the Karnataka Stamp Act, 1957)

I,S/o/D/o.R/o..... do hereby solemnly affirm and state on oath as follows:

I, Prop. M/s.bearing Licence No;Super Grade, CL I, II, III. valid upto do hereby declare by this affidavit that the gross turn over for the year. does not exceed Rs.....) Rupees.) only.

All applicable payments have been made for premium towards EPF and ESI and there is no due.

What I am stated above is true and correct to best of my knowledge and information and belief.

Photo with signature of the applicant to be attested by the Notary

SIGNATURE OF THE APPLICANT

SWORN TO BEFORE ME.

ATTESTED BY NOTARY

AFFIDAVIT - 2

UNDERTAKING REGARDING SOLVENCY CERTIFICATES ISSUED BY BANK

(Rule 12 and 13)

(To be executed on stamp paper, as per Karnataka Stamp Act 1957)

IS/o/D/o.R/o.produced the solvency Certificate issued by M/s. Bank Branchvide reference No..... Dated. For Rs. (Rupees)

I here by solemnly affirm and state on oath as follows

that I will be continued to maintain the above sum as long as I hold the valid Electrical Contractor Licence issued by the Government of Karnataka, the breach of which will render my licence liable for cancellation.

Place:

Date:

Photo with signature of the applicant to be attested by the Notary

SIGNATURE OF THE APPLICANT

SWORN TO BEFORE ME.

ATTESTED BY NOTARY

AFFIDAVIT - 3

II. UNDERTAKING REGARDING SOLVENCY CERTIFICATES ON IMMOVEBLE PROPERTY ISSUED BY TAHASHILDAR (Rule 12 and 13)

(To be executed on stamp paper, as per the Karnataka Stamp Act, 1957)

I. here by solemnly affirm and state on oath as follows that the property shown in the solvency certificate no. Dated. issued by Tahashildar. Taluk, will not be disposed off or otherwise encumbered during the period I hold the valid Electrical contractor licence issued by the Government of Karnataka, the breach of which will render of my licence liable for cancellation.

Place:

Date:

Photo with signature of the applicant to be attested by the Notary

SIGNATURE OF THE APPLICANT

SWORN TO BEFORE ME.

ATTESTED BY NOTARY

AFFIDAVIT - 4

(FOR DUPLICATE LICENCE /SPECIAL WIRING PERMIT/ PERMIT) (Rule 33)

(To be executed on stamp paper, as per the Karnataka Stamp Act, 1957)

I- S/o. residing at has lost / torn my licence / permit at solemnly affirm and state on oath as follows

That my licence / permit No. valid up to. is lost on. for which I have lodged a police complaint vide No. dt. at That in the event of finding the lost licence/permit, I undertake to surrender the same to the Department of Electrical Inspectorate.

What I am stated above is true and correct to best of my knowledge and information and belief

Photo with signature of the applicant to be attested by the Notary

SIGNATURE OF THE APPLICANT

SWORN TO BEFORE ME.

ATTESTED BY NOTARY

AFFIDAVIT - 5

AFFIDAVIT TO SUBSTANTIATE FOR NOT AN EMPLOYEE OF CENTRAL GOVT. / STATE GOVT/ QUASI GOVT/ GOVERNMENT UNDERTAKING FIRMS.

(Rule 12)

(To be executed on stamp paper, as per the Karnataka Stamp Act, 1957)

I,S/o./D/oresiding at is hereby solemnly affirm and state on oath as follows that I am not an employee of any OF CENTRAL GOVT. / STATE GOVT./ QUASI GOVT/ GOVERNMENT UNDERTAKING FIRMS.

What I am stated above is true and correct to best of my knowledge and information and belief.

Photo with signature of the applicant to be attested by the Notary

SIGNATURE OF THE APPLICANT

SWORN TO BEFORE ME.

ATTESTED BY NOTARY

AFFIDAVIT - 6

AFFIDAVIT TO SUBSTANTIATE THAT UNEMPLOYED GRADUATE / DIPLOMA HOLDER IN ELECTRICAL and ELECTRONICS ENGINEERING

(Rule 12)

(To be executed on stamp paper, as per the Karnataka Stamp Act, 1957)

I,S/o./D/O residing atis a Graduate / Diploma holder in Electrical and Electronics Engineering and studied in College during the years fromto

I solemnly affirm and state on oath as follows that I am not working in any State or Central Govt / Govt. undertaking organizations and presently I am an unemployed graduate.

What I am stated above is true and correct to best of my knowledge and information and belief.

Photo with signature of the applicant to be attested by the Notary

SIGNATURE OF THE APPLICANT

SWORN TO BEFORE ME.

ATTESTED BY NOTARY

AFFIDAVIT - 7

AFFIDAVIT FOR LAPSED LICENCE /SPECIAL WIRING PERMIT/PERMIT

(RULE 12(3) (6), 19(5) (7), 23(4) (9), 26(5) (7) and 32(3) (7))

(To be executed on stamp paper, as per the Karnataka Stamp Act, 1957)

I.S/o/D/o. hereby solemnly affirm and state as follows.

- a) That I am presently residing at.
- b) That I have / had obtained
 - (i) Electrical Contractor Licence of Super Grade / ClassN o. valid upto.....
 - (ii) Special wiring permit / Electrical Supervisor / Wireman Permit No.valid upto
- c) That the Licence / Special wiring permit /permit so detailed above has lapsed on. and the same could not be renewed for reason.
- d) That I intend to obtain a new licence/permit in lieu of the lapsed one andstate that no electrical work of the nature detailed under regulation 29 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, has been/will be executed by me during the lapsed period

I also state and solemnly affirm and state on oath as follows that whatever stated and furnished by me as above are true to the best of my knowledge, the breach of which may entail cancellation of my licence/permit by the department of Electrical Inspectorate who is being approached by me for issue of the licence/permit.

Specimen signatures

- 1.
- 2
- 3.

<p>Photo with signature of the applicant to be attested by the Notary</p>

SIGNATURE OF THE APPLICANT

SWORN TO BEFORE ME.

ATTESTED BY NOTARY

AFFIDAVIT - 8

AUTHORISATION OF OWNER OF THE INSTALLATION TO THE LICENSCEED ELECTRICAL CONTRACTOR. (UNDER RULE 16)

(to be executed on stamp paper as per the Karnataka stamp act 1957)

I, Sri / M/sdo hereby solemnly authorize the Licensed Electrical Contractor SriProprietor M/s.License Number_.....Class..... .Valid Upto.....to carry out the Electrical Installation works at on behalf of myself & my firm as per the agreement executed on.as per the agreement executed by the undersigned with the fallowing conditions as marked.

1. The said electrical contractor is ONLY authorized to execute the electrical installation work and issue work completion report and other relevant records as required for inspection and approval by the authorities concerned to the owner of electrical installation.
2. The said electrical contractor is authorized to execute the electrical installation work and to approach the Electrical Inspectorate/concerned authorities for obtaining Electrical Installation Drawing and commissioning approval of above said electrical installation.

I also state and solemnly affirm and state on oath as follows that whatever stated and furnished by me as above are true to the best of my knowledge, the breach of which may entail cancellation of agreement executed between the parties and termination of work order of electrical contractor and requesting the department of Electrical Inspectorate to suspend/ cancellation of License.

Specimen sign of LEC with firm seal and Address

Specimen sign Owner of the Installation

1.

1.

2.

2.

3.

3.

Photo with Signature of the LEC to be attested by the Notary

SWORN TO BEFORE ME

ATTESTED BY NOTARY

Photo with sign of the Owner of the Installation to be attested by the Notary

FORMATS OF PERMITS AND LICENSES

FORM - 1

(Rule - 17)

Permit in Book form

Out Side of Cover:



GOVERNMENT OF KARNATAKA

ELECTRICAL SUPERVISOR (GENERAL) GRADE I PERMIT

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of Cover

Electrical Supervisor (General) Grade I permit No **S GR I**



Signature of the permit holder

First page

Electrical Supervisor (General) Grade I permit No **S GR I**

Name and address of the permit holder

.
.

Second page

Government of Karnataka

Electrical Supervisor (General) Permit No **S GR I**

Date of issue

Valid up to

Name.

Date and year of Examination passed.

FORM - 2
(Rule - 17)
Permit in Book form
Out Side of Cover



GOVERNMENT OF KARNATAKA

ELECTRICAL SUPERVISOR (GENERAL) GRADE II PERMIT

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of Cover

Electrical Supervisor (General) Grade II Permit No **S GR II**



Signature of the permit holder

First page:

Electrical Supervisor (General) Grade II permit No **S GR II**

Name and address of the permit holder

.....

.....

Second page

Government of Karnataka

Electrical Supervisor (General) Permit No **S GR II**

Date of issue

Valid up to

Name.

Date and Year of Examination.

Register No.

Place of Examination.

FORM - 3
(Rule - 21)
Permit in book form
Out Side of Cover



GOVERNMENT OF KARNATAKA

ELECTRICAL SUPERVISOR (MINES) PERMIT GRADE I

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of Cover

Electrical Supervisor (Mines) permit No **MS GR I**



Signature of the permit holder

First Page

Electrical Supervisor (Mines) Permit No **MS GR I**

Name and address of the permit holder

.....
.....

Second page

Government of Karnataka

Electrical Supervisor (Mines) Permit No **MS GR I**

Date of Issue.....

Valid up to

Name

Date of Examination

Register No... ..

FORM - 4
(Rule - 21)
Permit in book form

Out Side of Cover



GOVERNMENT OF KARNATAKA

ELECTRICAL SUPERVISOR (MINES) PERMIT GRADE II

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of Cover

Electrical Supervisor (Mines) permit No **MS GR II**.....



Signature of the permit holder

First Page

Electrical Supervisor (Mines) Permit No **MS GR II**

Name and address of the permit holder
.....
.....

Second page

Government of Karnataka

Mining Supervisory Permit No **MS GR II**

Date of Issue

Valid up to

Name

Date of Examination

FORM - 5

(Rule - 25)

Permit in Book Form

Out Side of Cover



GOVERNMENT OF KARNATAKA

ELECTRICAL WIREMAN GRADE I PERMIT

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of cover

Electrical Wireman Grade I permit No **W GR I**.....



Signature of permit holder

First page

Electrical Wireman Grade I permit No **W GR I**.....

Name and address of the permit holder

.....
.....

Second page

Government of Karnataka

Electrical Wireman permit No **W GR I**.....

Date of Issue.....

Valid up to.....

Name.....

Date and year of Examination.....

Register No.

FORM - 6

(Rule - 25)

Permit in Book Form

Out Side of Cover



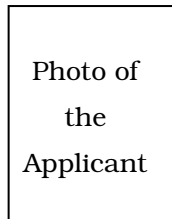
GOVERNMENT OF KARNATAKA

ELECTRICAL WIREMAN GRADE II PERMIT

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of cover

Electrical Wireman Grade II permit No **W GR II**



Signature of permit holder

First page

Electrical Wireman Grade II permit No **W GR II**

Name and address of the permit holder

.....
.....
.....

Second page

Government of Karnataka

Electrical Wireman permit No **W GR II**

Date of Issue.

Valid up to.

FORMAT OF ALL TYPES LICENCES AND SPECIAL WIRING PERMIT

Licence in Book form

FORM - 7

Out Side of Cover:



GOVERNMENT OF KARNATAKA

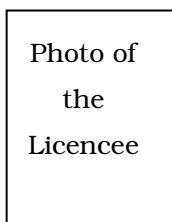
SUPER GRADE ELECTRICAL CONTRACTORS LICENCE

(Rule - 12 & 12(2) (a)

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of Cover

Licence No **L S**



Specimen signature of the Licencee

First page:

Government of Karnataka
CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Licence No **L S**

Date of issue

Valid up to

Name and Address firm

.Rs

.paid vide Challan No.Dated.

In exercise of the powers conferred by rule 12(2) (a) of the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012,

Mr. / Messrs. is/are hereby authorized to carry out, Electrical Installation work in the State of Karnataka subject to the conditions mentioned in the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012, Issued by the Government of Karnataka under Government Notification.

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Second and third page

Details of Electrical Supervisor

Sl No	Name of the permit holder	Permit No. and Grade	Date of Expiry of permit	Date of Endorsement	Signature of the officer	Date of cancellation of Endorsement	Signature of the officer
1	2	3	4	5	6	7	8

Fourth and fifth page

Details of Electrical Wireman

Sl No	Name of the permit holder	Permit No. and Grade	Date of Expiry of permit	Date of Endorsement	Signature of the officer	Date of cancellation of Endorsement	Signature of the officer
1	2	3	4	5	6	7	8

Sixth page onwards

DETAILS OF RENEWALS

Renewed from.valid up to.

Renewal fees of Rs.paid vide challan no. date.

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Last page

CONDITIONS

1. This Licence must be got renewed and must be produced on demand by the Officer of the Electrical Inspectorate, Government of Karnataka or to any authorities of the supplier having jurisdiction over the area where the electrical installation work is being carried out.
2. This Licence is valid for carrying out the following nature of electrical installation:-
Extra High, High, Medium and low voltage Electrical Installation works.
3. The holder of this Licence shall send intimation to the Member Secretary, Licensing Advisory and Examinations Board in Writing within seven days as to very change of:
 - a. Address of the place of business-
 - b. Authorized signatory (in case of a limited Company and partner ship firm)
 - c. Testing Instruments and
 - d. dissolution of partnership etc.

4. The Licencee shall always keep and maintain the following testing instruments, safety tools and other equipments:

Testing Instruments:

1) Insulation Tester

- a) 5000V (b) 1000V (c) 500 V class each

2) Portable Voltmeter - range 0 to 600 volts.

3) Portable Ammeter – range 0 to 60 A.

4) Multi meter

5) Tong Tester

6) Earth Tester with testing accessories.

7) Phase sequence meter

8) Portable Frequency meter range 45 to55 HZ

9) Portable PF meter 5Amps, 240V, A/C.

Safety Tools and other Equipments:

- a) Rubber hand gloves tested to 15 kV (Electrical grade)
- b) Wire gauge or micrometer
- c) Safety Belt
- d) Full harness belt
- e) Hand operated and hydraulic operated crimping tool.
- f) Welding generator set.
- g) Portable grinder
- h) Portable drill
- i) Rollers for cable laying

- j) Cable drum lifting jacks
- k) Blow lamp for cable jointing
- l) Hole saw cutter
- m) Torque wrinch spanner
- n) Come along clamp
- o) Chain pulley
- p) Manela rope

and Library for relevant Acts, Rules and BIS Publications

5. The Licencee shall himself hold certificate of competency and valid Electrical Supervisor permit issued by the Board or employ supervisor holding competency certificate and valid Electrical Supervisor permit issued by the Board and endorsed to his firm. Hence shall maintain "Attendance Register".in form E1
6. The Licencee shall get the work done only through the Wireman holding valid wireman permit issued by the Board under direct supervision by the Supervisor and. endorsed to his firm. Hence shall maintain "Work allocation Register". in form F1
7. Every work undertaken by the Licencee shall be evidenced by a written agreement with the person concerned. The wiring and other materials used by the Licencee for the work executed shall conform to the standards approved by BIS. Hence, shall maintain (a) Application Register in form D1, (b) Material Issue Register in form G1 and (c) Copies of estimates and agreements in form Z duly signed by the Licencee and the consumer concerned.
8. The Licencee shall intimate the jurisdictional officer of the supplier not below the rank of Junior Engineer / Electrical Inspectorate Officer before undertaking the execution of any work in Form A1 append to these Rules, and also the completion of such work within three days from the date of completion of such work.
9. The Licencee shall afford all facilities to the Electrical Inspector or any person/persons authorized by him in writing to inspect at all times any work under execution.
10. The Electrical Inspector may, if in his opinion the work under execution is likely to cause damages to the life or property of the consumer or any other person, direct to stop the work and rectify the defects. The Licence shall comply with such direction.
11. The Licencee shall at all times ensure safety to the public.
12. The Licencee shall be bound to comply with the provisions of the Electricity Act, 2003 Central Electricity Authority (Measures relating to safety and Electric supply) Regulations, 2010, any rules and regulations made there under, and the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012.

Licence in Book form

FORM 8

Out Side of Cover:



GOVERNMENT OF KARNATAKA

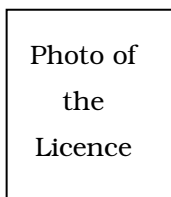
CLASS 1 ELECTRICAL CONTRACTORS LICENCE

(Rule - 12 & 12(2) (b)

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of Cover

Licence No **L I**



Specimen signature of the Licencee

First page:

Government of Karnataka

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Licence No **L I**

Date of issue

Valid up to

Name and Address firm

Rs paid vide Challan No Dated

. . .

In exercise of the powers conferred by rule 12(2) (b) of the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012,

Mr. / Messrs. is/are hereby authorized to carry out, Electrical Installation work in the State of Karnataka subject to the conditions mentioned in the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012, and Issued by the Government of Karnataka under Government Notification.

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Second and third page
Details of Electrical Supervisor

Sl No	Name of the permit holder	Permit No and Grade	Date of Expiry of permit	Date of Endorsement	Signature of the officer	Date of cancellation of Endorsement	Signature of the officer
1	2	3	4	5	6	7	8

Fourth and fifth page
Details of Electrical Wireman

Sl No	Name of the permit holder	Permit No and Grade	Date of Expiry of permit	Date of Endorsement	Signature of the officer	Date of cancellation of Endorsement	Signature of the officer
1	2	3	4	5	6	7	8

Sixth page onwards
DETAILS OF RENEWALS

Renewed from. valid up to.

Renewal fees of Rs. paid vide challan no. date.

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Last page

CONDITIONS

1. This Licence must be got renewed and must be produced on demand by the Officer of the Electrical Inspectorate, Government of Karnataka or to any authorities of the supplier having jurisdiction over the area where the electrical installation work is being carried out.
2. This Licence is valid for carrying out the following nature of electrical installation:-
 - a. High, Medium and low voltage Electrical Installation works.
3. The holder of this Licence shall send intimation to the Member Secretary, Licensing Advisory and Examinations Board in Writing within seven days as to very change of:
 - a. Address of the place of business-
 - b. Authorized signatory (in case of a limited Company and partner ship firm)
 - c. Testing Instruments and
 - d. dissolution of partnership etc.
4. The Licence shall always keep and maintain the following instruments:

Testing Instruments

 - a. Insulation Tester (a) 1000V and (b) 500 V class each
 - b. Portable Voltmeter - range 0 to 600 volts.
 - c. Portable Ammeter – range 0 to 60 A.
 - d. Multi meter
 - e. Tong Tester
 - f. Earth Tester with testing accessories.
 - g. Phase sequence meter

Safety Tools and other Equipments:

 - a) Rubber hand gloves tested to 15 kV (Electrical grade)
 - b) Wire gauge or micrometer
 - c) Safety Belt

and Library for relevant Acts, Rules and BIS Publications
5. The Licencee shall himself hold certificate of competency and valid Electrical Supervisor permit issued by the Board or employ supervisor holding competency certificate and valid Electrical Supervisor permit issued by the Board and endorsed to his firm. Hence shall maintain "Attendance Register".in form E1
6. The Licencee shall get the work done only through the Wireman holding valid wireman permit issued by the Board under direct supervision by the Supervisor and endorsed to his firm. Hence shall maintain "Work allocation Register". in form F1
7. Every work undertaken by the Licencee shall be evidenced by a written agreement with the person concerned. The wiring and other materials used by the Licencee for the work executed shall conform to the standards approved by BIS. Hence, shall maintain (a) Application Register in form D1, (b) Material Issue Register in form G1 and (c) Copies of estimates and agreements in form Z duly signed by the Licencee and the consumer concerned.
8. The Licencee shall intimate the the jurisdictional officer of the supplier not below the rank of Junior Engineer / Electrical Inspectorate Officer before undertaking the execution of any work

in Form A1 append to these Rules, and also the completion of such work within three days from the date of completion of such work.

9. The Licencee shall afford all facilities to the Electrical Inspector or any person/persons authorized by him in writing to inspect at all times any work under execution.
10. The Electrical Inspector may, if in his opinion the work under execution is likely to cause damages to the life or property of the consumer or any other person, direct to stop the work and rectify the defects. The Licence shall comply with such direction.
11. The Licencee shall at all times ensure safety to the public.
12. The Licencee shall be bound to comply with the provisions of the Electricity Act, 2003 Central Electricity Authority (Measures relating to Safety and Electric supply) Regulations, 2010, any rules and regulations made there under, and the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012.

Licence in Book form

FORM 9

Out Side of Cover:



GOVERNMENT OF KARNATAKA

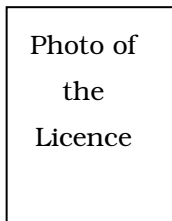
CLASS 2 ELECTRICAL CONTRACTORS LICENCE

(Rule - 12 & 12(2) (c)

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of Cover

Licence No **L 2**:



Specimen signature of the Licencee

Fourth and fifth page
Details of Electrical Wireman

Sl No	Name of the permit holder	Permit No. and Grade	Date of Expiry of permit	Date of Endorsement	Signature of the officer	Date of cancellation of Endorsement	Signature of the officer
1	2	3	4	5	6	7	8

Sixth page onwards

DETAILS OF RENEWALS

Renewed from. valid up to.

Renewal fees of Rs. paid vide challan No. date.

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Last page

CONDITIONS

- 1) This Licence must be got renewed and must be produced on demand by the Officer of the Electrical Inspectorate, Government of Karnataka or to any authorities of the supplier having jurisdiction over the area where the electrical installation work is being carried out.
- 2) This Licence is valid for carrying out the following nature of electrical installation:-
 - a. Medium and low voltage Electrical Installation works.
- 3) The holder of this Licence shall send intimation to the Member Secretary, Licensing Advisory and Examinations Board in Writing within seven days as to very change of:
 - a. Address of the place of business-
 - b. Authorized signatory (in case of a limited Company and partner ship firm)
 - c. Testing Instruments and
 - d. dissolution of partnership etc.
- 4) The Licencee shall always keep and maintain the following instruments:

Testing Instruments

 - a. Insulation Tester (500 V class

- b. Portable Voltmeter - range 0 to 600 volts.
- c. Portable Ammeter – range 0 to 60 A.
- d. Multi meter
- e. Tong Tester

Safety Tools and other Equipments:

- a) Rubber hand gloves tested to 15 kV (Electrical grade)
- b) Wire gauge or micrometer

and Library for relevant Acts, rules and BIS publications

- 5) The Licencee shall himself hold certificate of competency and valid Electrical Supervisor permit issued by the Board or employ supervisor holding competency certificate and valid Electrical Supervisor permit issued by the Board and endorsed to his firm. Hence shall maintain "Attendance Register".in form E1
- 6) The Licencee shall get the work done only through the Wireman holding valid wireman permit issued by the Board under direct supervision by the Supervisor and. endorsed to his firm. Hence shall maintain "Work allocation Register". in form F1
- 7) Every work undertaken by the Licencee shall be evidenced by a written agreement with the person concerned. The wiring and other materials used by the Licencee for the work executed shall conform to the standards approved by BIS. Hence, shall maintain (a) Application Register in form D1, (b) Material Issue Register in form G1 and (c) Copies of estimates and agreements in form Z duly signed by the Licencee and the consumer concerned.
- 8) The Licencee shall intimate the the jurisdictional officer of the supplier not below the rank of Junior Engineer / Electrical Inspectorate Officer before undertaking the execution of any work in Form A1 append to these Rules, and also the completion of such work within three days from the date of completion of such work.
- 9) The Licencee shall afford all facilities to the Electrical Inspector or any person authorized by him in writing to inspect at all times any work under execution.
- 10) The Electrical Inspector may, if in his opinion the work under execution is likely to cause damages to the life or property of the consumer or any other person, direct to stop the work and rectify the defects. The Licence shall comply with such direction.
- 11) The Licencee shall at all times ensure safety to the public.
- 12) The Licencee shall be bound to comply with the provisions of the Electricity Act, 2003, Central Electricity Authority (Measures relating to safety and Electric supply) Regulations, 2010, any rules and regulations made thereunder, and the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012.

**Licence in Book form
FORM 10**

Out Side of Cover:



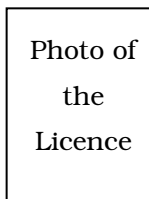
GOVERNMENT OF KARNATAKA

**CLASS 3 ELECTRICAL CONTRACTORS LICENCE
(Rule - 12 & 12(2) (d))**

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of Cover

Licence No **L 3**



Specimen signature of the Licencee

First page:

Government of Karnataka

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Licence No **L 3**

Date of issue.

Valid up to

Name and Address firm
. Rs
. paid vide Challan No. Dated.

In exercise of the powers conferred by rule 12(2) (d) of The Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules, 2012,

Mr. / Messrs. is/are hereby authorized to carry out, Electrical Installation work in the State of Karnataka subject to the conditions mentioned in the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012, and Issued by the Government of Karnataka under Government Notification.

CHIEF ELECTRICAL INSPECTOR TO GOVT
ANDEX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Second and third page
Details of Electrical Supervisor

Sl No	Name of the permit holder	Permit No. and Grade	Date of Expiry of permit	Date of Endorsement	Signature of the officer	Date of cancellation of Endorsement	Signature of the officer
1	2	3	4	5	6	7	8

Fourth and fifth page
Details of Electrical Wireman

Sl No	Name of the permit holder	Permit No. and Grade	Date of Expiry of permit	Date of Endorsement	Signature of the officer	Date of cancellation of Endorsement	Signature of the officer
1	2	3	4	5	6	7	8

Sixth page onwards

DETAILS OF RENEWALS

Renewed from valid up to.

Renewal fees of Rs. paid vide challan no.
date.

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Last page

CONDITIONS

1. This Licence must be got renewed and must be produced on demand by the Officer of the Electrical Inspectorate, Government of Karnataka or to any authorities of the supplier having jurisdiction over the area where the electrical installation work is being carried out.
2. This Licence is valid for carrying out the following nature of electrical installation:-
Low voltage Electrical Installation works only.
3. The holder of this Licence shall send intimation to the Member Secretary, Licensing Advisory and Examinations Board in Writing within seven days as to very change of:
 - a. Address of the place of business-
 - b. Authorized signatory (in case of a limited Company and partner ship firm)
 - c. Testing Instruments and
 - d. dissolution of partnership etc.
4. The Licencee shall always keep and maintain the following instruments:

Testing Instruments

 - a. Insulation Tester (500 V class
 - b. Portable Voltmeter - range 0 to 600 volts.
 - c. Portable Ammeter – range 0 to 60 A.
 - d. Multi meter
 - e. Tong Tester

Safety Tools and other Equipments:

 - a) Rubber hand gloves tested to 15 kV (Electrical grade)
 - b) Wire gauge or micrometer

and Library for relevant Acts, rules and BIS publications
5. The Licencee shall himself hold certificate of competency and valid Electrical Supervisor permit issued by the Board or employ supervisor holding competency certificate and valid Electrical Supervisor permit issued by the Board and endorsed to his firm. Hence shall maintain "Attendance Register". in form E1
6. The Licencee shall get the work done only through the Wireman holding valid wireman permit issued by the Board under direct supervision by the Supervisor and. endorsed to his firm. Hence shall maintain "work allocation Register". in form F1
7. Every work undertaken by the Licencee shall be evidenced by a written agreement with the person concerned. The wiring and other materials used by the Licencee for the work executed shall conform to the standards approved by BIS. Hence, shall maintain (a) Application Register in form D1, (b) Material Issue Register in form G1 and (c) Copies of estimates and agreements in form Z duly signed by the Licencee and the consumer concerned.
8. The Licencee shall intimate the the jurisdictional officer of the supplier not below the rank of Junior Engineer / Electrical Inspectorate Officer before undertaking the execution of any work in Form A1 append to the Rules, and also the completion of such work within three days from the date of completion of such work.
9. The Licencee shall afford all facilities to the Electrical Inspector or any person authorized by him in writing to inspect at all times any work under execution.
10. The Electrical Inspector may, if in his opinion the work under execution is likely to cause danger to the life or property of the consumer or any other person, direct to stop the work and rectify the defects. The Licence shall comply with such direction.
11. The Licencee shall at all times ensure safety to the public.
12. The Licencee shall be bound to comply with the provisions of the Electricity Act, 2003, Central Electricity Authority (Measures relating to safety and Electric supply) Regulations, 2010, any rules and regulations made thereunder, and the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012.

Licence in Book form

FORM 11

Out Side of Cover:



GOVERNMENT OF KARNATAKA

SPECIAL WIRING PERMIT

(Rule - 32)

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Inside of Cover

SPECIAL WIRING PERMIT No : **LSWP**

Photo of the
Authorized
signatory of
the firm

Specimen signature of the Authorized signatory of the firm

First page:

Government of Karnataka

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Special wiring permit No: **LSWP**

Date of issue

Valid up to

Name and Address firm

.....Rspaid vide Challan No.....

Dated.

In exercise of the powers conferred by rule 32 of the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules, 2012,

M/s..... is hereby authorized to carry out, Electrical Installation work in the State of Karnataka in their own installation subject to the conditions mentioned in the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012, and Issued by the Government of Karnataka under Government Notification.

Bangalore,

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Second and third page
Details of Electrical Supervisor

Sl No	Name of the permit holder	Permit No and Grade	Date of Expiry of permit	Date of Endorsement	Signature of the officer	Date of cancellation of Endorsement	Signature of the officer
1	2	3	4	5	6	7	8

Fourth and fifth page
Details of Electrical Wireman

Sl No	Name of the permit holder	Permit No and Grade	Date of Expiry of permit	Date of Endorsement	Signature of the officer	Date of cancellation of Endorsement	Signature of the officer
1	2	3	4	5	6	7	8

Sixth page onwards
DETAILS OF RENEWALS

Renewed from. valid up to.

Renewal fees of Rs. paid vide challan No. date.

CHIEF ELECTRICAL INSPECTOR TO GOVT
AND EX-OFFICIO ADDL. SECRETARY
(ELECTRICAL LICENSING)
DEPARTMENT OF ENERGY
BANGALORE.

Last page

Conditions

1. This Special wiring permit, if necessary, shall be got renewed by the Management.
2. This permit must be produced on demand by the Officer of Electrical Inspectorate, Government of Karnataka to any authorities of the supplier having jurisdiction over the area where the electrical installation work is being carried out..
3. This permit is valid for carrying out all type of Electric installation, corresponding to the class of voltage of their installation viz, Extra High Voltage, and High voltage Electrical installations.
4. The management holding this Special wiring permit shall send intimation to the Member Secretary, Licensing Advisory and Examination Board, in writing within seven days in case any change of
 - Address of the place of business
 - Manager / Authorized signatory
 - Testing instruments
 - Dissolution of partnership etc
- 5 The management holding this Special wiring permit shall always keep and maintain the following instruments depending on the class of voltage of their Electrical installation
 - a) For above 33 kV installation
 1. Insulation Tester
 - a) 5000V (b) 1000V (c) 500 V class each
 2. Portable Voltmeter - range 0 to 600 volts.
 3. Portable Ammeter – range 0 to 60 A.
 4. Multi meter
 5. Tong Tester
 6. Earth Tester with testing accessories.
 7. Phase sequence meter
 8. Portable Frequency meter range 45 to55 HZ
 9. Portable PF meter 5Amps, 240V, A/C.

Safety Tools and Equipments:

 1. Rubber hand gloves tested to 15 kV (Electrical grade)
 2. Safety Belt
 3. Full harness belt
 4. Wire gauge or micrometer
 5. Hand operated and hydraulic operated crimping tool.
 6. Welding generator set.
 7. Portable grinder
 8. Portable drill

9. Rollers for cable laying
10. Cable drum lifting jacks
11. Blow lamp for cable jointing
12. Hole saw cutter
13. Torque wrinch spanner
14. Come along clamp
15. Chain pulley
16. Manela rope

and Library for relevant Acts, rules and BIS publications

b) For 33 kV and below voltage installation;

- 1 Insulation Tester
 - a) 1000V (b) 500 V class each
- 2 Portable Voltmeter - range 0 to 600 volts.
- 3 Portable Ammeter – range 0 to 60 A.
- 4 Multi meter
- 5 Tong Tester
- 6 Earth Tester with testing accessories.
- 7 Phase sequence meter

Safety Tools and Equipments:

- a) Rubber hand gloves tested to 15 kV (Electrical grade)
- b) Safety Belt
- c) Wire gauge or micrometer

and Library for relevant Acts, rules and BIS publications

6 The management holding this Special wiring permit ;

- a) shall employ supervisors holding certificate of competency and valid Electrical Supervisors Permits issued by the Board. shall get the work done only through the wiremen under their employ holding valid wiremen permits issued by the Board under the direct supervision by the Supervisors.
- b) shall afford all the facilities to the Chief Electrical Inspector to Govt or any person authorized by him in writing to inspect at all times any work under execution.
- c) shall all time ensure safety to the employees and the public.
- d) shall be bound to comply with the provisions of the Electricity Act, 2003 Central Electricity Authority (Measures relating to safety and Electric supply) Regulations, 2010, any rules and regulations made there under, and the Karnataka (Licensing of Electrical contractors and grant of certificates and permits to electrical supervisors and wiremen) Rules 2012.

ANNEXURE - 1**(Rule 20 and 24)****Electrical Supervisor Examination**

Syllabus for Examination of Electrical Supervisory Certificate of Competency- Electrical Supervisor (General Grade 2)

Paper - I**Electricity- Theory (Elementary Knowledge)****1. Principles of Electricity**

Electric pressure, current and resistance – Ohm's Law, Kirchhoff's Law, specific resistance, laws of resistance and their application for calculating voltage drop-series and parallel circuit – simple problems. Practical units of voltage, current, resistance, power and energy. Relation between electrical power unit (kW) and mechanical power unit (HP). Inductance, capacitance, reactance and impedances. magnetic, chemical and heating effects of electric current.

2. Electromagnetism

Flux flux density – magnetic field strength, permeability – flux distribution due to straight conductor and circular loop – magnetic circuits – reluctance – calculation of MMF – effect of air gap – hysteresis loop of magnetic materials – force acting on a current carrying conductor – lifting power of a magnet.

Electro magnetic inductance – production of EMF – Flemings HandRules – Faraday's and Lenz's Law – statically and dynamically induced EMFs – self and mutual inductance – coupling coefficient. Magnetic properties of materials – electro magnets and their applications.

3. Materials

Conductors, non-conductors and insulators – insulating materials and their relative merits – transformer oil – effect of heat and moisture on insulation – lubricants and their uses – dielectrics – dielectric strength – permittivity.

Different types of wires, cables, switches, circuit breakers, fuses and their safe current carrying capacity. Use of tables and data sheets generally given in electrical hand book.

4. Generation of electricity

Methods of generation of electric power – Block schematic layout of generating stations – hydroelectric, thermal, nuclear stations. Non conventional energy sources – solar, tidal and wind power. Economics of generation – load factor, diversity factor, plant factor.

5. AC Generators (Alternators)

Basic principle – details of construction and essential components – voltage Rule – methods of voltage Rule – synchronous reactance, Rule, methods of voltage control and frequency control – synchronizing of alternators – conditions and methods for synchronising – synchrosopes – bright lamp and dark lamp methods – simple associated switch board and its accessories.

6. DC Generators

Basic principle – essential components – details of construction – shunt, series and compound generators and their characteristics – causes of sparking interpoles, commutators and their maintenance – carbon brushes – their adjustment and care – voltage Rule – parallel operation of DC generators – shunt, series and compound. simple switch board and its accessories.

7. Batteries

Primary cells, dry cells, storage or secondary batteries – lead acid and nickel cadmium batteries– construction–characteristics– charging and discharging, charging circuits and their calculation– series and parallel circuits – specification – maintenance – use of hydro meters.

8. AC Motors

Rotating magnetic field – three phase induction motors – construction – principle of operation – speed – frequency – slip – types – star delta starting, single phase induction motor - construction – different methods of starting. squirrel cage induction motor – slip ring induction motor – construction. Methods of starting – slip torque – slip characteristics – no load and blocked rotor tests – efficiency – circle diagram and determination of characteristics – synchronous motors – general principle of operation – uses – installation – methods of starting and speed control and reversal of direction – commutator motors. Torque calculation and basic knowledge of variable voltage and variable frequency drives (vvvfd).

9. DC Motors

Motor principle – series, shunt and compound wound type motors – their uses, installation – methods of starting – speed control – reversal of directions.

10. AC Circuits

Alternating current fundamentals – generation of alternating currents – waveform – frequency period – average value, rms value and form factor – different wave forms – phasor representation of alternating quantities – rectangular, polar and exponential forms.

Analysis of simple AC circuits with resistance, inductance and capacitance. Concept of impedance and admittance – phasor representation – ‘j’ notation. Power and power factor in ac circuits – active and reactive components. Solution of RL, RC and RLC circuits – series, parallel and series parallel circuits.

Three phase systems – star and Delta connection – relationship between phase and line values of voltage and current – phasor representation – solution of balanced and unbalanced three phase circuits – three wire and four wire systems – power in three phase systems – phase sequence – measurement of active and reactive power in single phase and three phase systems.

11. Switch gear and protection

Knowledge of various types of switches and protective fuses and circuit breakers like MCBs, ELCBs, ACBs, SF₆ breakers, etc, and cutouts, starters, regulators, protective devices for both AC and DC motors. Basic methods of transformer, generator, motor, and feeder protection. Thermal and magnetic releases – relays – IDMT, instantaneous type – over current, earth fault and earth leakage relays – time and current settings and their wiring with motors. Concepts, features and applications of static (electronic) relays, auto-reclosers, sectionalizers.

12. Transformers

Transformer – construction – use and maintenance – voltage and current relations – losses and efficiency – three phase transformer connections – star/star, delta/delta, star/delta, delta/star, V-V, T-T-Parallel operation of three phase transformers-Auto transformer – transformer tapings, temperature rise, automatic voltage boosters. Instrument transformers current transformers, potential transformers, ratio and phase angle errors, accuracy class (metering class, protection class etc.), polarity checking, CT and PT specifications.

13. Conversion

Principle of operation of motor – generator set, rotary or synchronous convertors, mercury-arc rectifiers, inverters, thyristors and other static devices. Battery chargers – voltage equation. Filtering – half wave – full wave and bridge rectifiers.

14. Transmission and Distribution

Bulk transmission of electric power – typical power transmission scheme – need for high transmission voltage. Sub-stations substation equipments – primary and secondary transmission and distribution systems – overhead lines – effect of power factor – general principles and simple problems. Line constants – determination of voltage drop – Rule. construction of lines of voltage upto 250 V and exceeding 250 V but not exceeding 33 kV, size of conductor, length of spans, sags, strength of poles, spacing of conductors, cross-arms, effects of temperature, wind pressure, ice and snow, tension of wire, insulators, brackets, stays, struts, guard wires, vibration dampers and other protective devices. Earthing – lightning arrestors and lightning conductors and their testing. Testing and fault location. Methods of working on overhead lines, equipment used for replacement of insulators, their ratings, methods of replacement of insulators, inspection of transmission and distribution lines. Concepts and advantages of 3-phase and 1-phase distribution systems of voltage exceeding 650 V but not exceeding 33 kV.

15. Underground cables

Simple calculations and general principles of laying Cables direct in the ground, in troughs and pipes, handling, bending, joining, plumbing, underground and above ground junction boxes. Distribution board and pillars. Joint box compound, melting of compounds and filling boxes with compounds. Testing and fault location – Murray Varley loop tests. Current rating – short time rating and continuous rating – derating factors of cables – basic knowledge of different types of cables – PVC, APVC, AYFY, XLPE – calculation of voltage drop.

16. Illumination and Street lights

Characteristics of different types of lamps – incandescent lamps, fluorescent lamps, vapour lamps – sodium and HPMV lamps – energy efficient lamps – luminous tube sign installations of voltage exceeding 650 V but not exceeding 33 kV. Photo metric units and simple measurements. General requirements of efficient lighting – simple problems on illumination. Street lighting-time switches. Different types of poles – swaged poles and step up poles. Different types of brackets – single upsweep, double upsweep, swan made type and 15° inclined with support. Lanterns – side entry/top entry lanterns, anodized parabolic reflector, POT reflector etc.

17. Electrical Safety Rules: Working knowledge of

- i. Wiring Rules
- ii. Protection and restoration of persons suffering from electric shock
- iii. Working on over head lines
- iv. Working in switch yard on voltage exceeding 650 V.
- v. Preliminary knowledge of Codes of Practices and Specifications prescribed by Bureau of Indian Standards.

Syllabus for Examination of Electrical Supervisory Certificate of Competency -

Electrical Supervisor (General) Grade 2

Paper - II

Electrical Energy Utilisation (Elementary Knowledge)

1. Design of electrical installations

a. Domestic Installations

Various systems of LT wiring – cleat, cable sheathed, wood casing and capping, metal sheathed, conduit and armoured cable for lighting and power in residential premises – types of wires and cables, standards sizes – estimates of material and cost of different types of installations – wiring of temporary installations together with necessary switchgear and portable appliances. Electrical wiring installations for large multi-storied residential buildings.

b. Industrial Installations

Load survey – connected load – maximum demand – demand factor – diversity load centre, selection of sub-station site – transformer capacity – selection of distribution voltage – main switch board – sub-switch board and distribution fuse board – MCC – PMCC – PCC – distribution layout – location of switch boards – fault level calculations – circuit diagrams.

2. Earthing

Resistivity of soil – measurement – computation of earth resistance – different materials used for earthing conductors – current densities – corrosion factors – determination of size of earth bus, number of earth electrodes – plate, pipe and strip electrodes – disposition of electrodes – joints in earth conductors – size of earth conductors for equipments of various capacities – earth continuity wire – earth continuity resistance – its Rules.

3. Selection of equipments

Different types of breakers – OCB – ACB – VCB – MCCB – MCB – contactors – breaking capacity – making capacity – selection of breakers – selection of switches – short time and continuous ratings – HRC fuses – uses – prospective currents – cut off values – selection of major and minor fuses – grading. Switch boards – design of outlets – fabrication – design parameters – FBARules. Cables – short time and continuous ratings – derating factors – design aspect of different types of cables. Hazardous areas. Motors – selection of starting methods of motors – DC motors – speed control – limitations on starting current and voltage drop – system disturbance. Motors of voltage exceeding 650 V but not exceeding 33 kV – protection – motor protection relays – capacitors – power factor improvement, selection. Methods of connection of Special type transformers – furnace transformers – welding transformers – rectifier transformers scott connection – tertiary windings. captive generation – determination of capacity – load segregation – double bus system – changeover arrangements – Indian Standards.

4. Energy measurements and tariffs

Measurement of Power – Wattmeters, Energy meters, Power factor correction by capacitors – Trivector Meters – Installation and Computation of energy – T.O.D meters. Tariffs – different types for LT and HT consumers – Simple calculations relating to cost of energy. -Concepts and features of electronic/digital metering

5. Installation, Testing and Maintenance

Insulation tester – earth tester – relay testing kit. Schering Bridge, Break down test of oil. Single phase and three phase energy meter testing, ammeter, voltmeter, wattmeter – different installation. Recommended values of insulation resistance – desired values. Polarisation index – earth resistance measurements – desired values. Polarity tests – test for earth continuity paths – rectification of faults. detection and location of faults in domestic appliances and wiring installations. Relay testing – maintenance of various electrical installations – relevant standards and Rules. Protective devices, basic knowledge of earthing of generators, motors, machines, installations and electrical appliances. Lightning protection – calculation of number of down conductors – test joint – lightning arrestors.

6. Cable Jointing

Aluminium and copper cable jointing – types – precautions – termination. Indian Standards.

7. Clearances

Statutory clearances of live parts from ground, buildings – sectional clearances – equipment clearances – clearance of switch boards – oil containing equipments – Indoor and outdoor equipment clearances.

8. Symbols.

List of symbols as per N.E.C – preparation of simple electrical wiring diagrams and electrical circuit diagrams – reading out simple electrical circuit diagrams.

9. Preparation of Schematic diagrams

Electrical connection for

1. DC and AC generators, switch board, transformers.
2. Main switch boards and sub-switch boards with circuit breakers, switch fuse units, with down stream load details in each circuit.
3. DC and AC motors, their starters, regulators.
4. Battery charging equipment.
5. Converting machinery.
6. Lifts with their safety devices.
7. X-ray.
8. Neon-sign.

10. Special Type of Equipments

X-ray, neon-sign, lift, cinema installations – relevant Rules – circuitry – safety precautions – earthing – fire precaution measures.

11. Energy Audit and Conservation-concepts and applications
12. SCADA systems and remote data acquisition and control general concepts and applications.
13. Rules and standards: Working knowledge of
 1. Electricity Act, 2003.
 2. Central Electricity Authority (Measures relating to safety and Electric supply) Regulations, 2010
 3. Code of practice for Cinema and Lift and Escalators Installations.

ANNEXURE - 2**(Rule 24)****Syllabus for Examination of Electrical Supervisory Certificate of Competency -
Electrical Supervisor (Mines) Grade 2****PAPER - III****Mines Installations (Elementary Knowledge)****1. Wiring**

Different types of wiring for power and lighting installations underground – different types of permissible types of cables to be used underground and in hazardous areas.

2. Preparation of schematic diagrams

1. **DC and AC generators, switch boards, transformers etc.**
 2. Distribution boards with circuit breakers, switch fuse units with down stream load details in each circuit.
 3. DC and AC motors with their starters and capacitors.
 4. Battery charger and lamp cabin
- 3.** Apparatus including flame proof apparatus for use in hazardous locations in coal and oil mines flame proof enclosures – general construction – rating plate and diagram of connections – rated voltage and frequency – rate outputs – rating of motors in flame proof enclosures – performance – temperature rise – tests for flame proofness.

4. Installation and maintenance of Electrical Equipments in Mines

1. General requirement of electrical equipment installed in mines – design – layout
2. Electrical protection of circuits and apparatus.
3. Protective measures against risk of electric shock.
4. Intrinsically safe apparatus and circuits.
5. Installation of electrical equipments.
6. Portable and transportable apparatus.
7. Cables.
8. Communication and signalling systems
9. Maintenance of electrical equipments in mines – Special precautions for maintenance of flame proof equipment – Special precautions for maintenance of intrinsically safe equipment
10. Installation and maintenance of:
 - a) Electrical winders, haulages and pump units, their control gears and starters.
 - b) Rectifiers, rotary converters and electric locomotives.

5. General principles and elementary knowledge of

1. Supply voltage for transmission, distribution and use underground
2. Control gear – transformers – insulated cables – cable terminal arrangement and sealing boxes – power distribution – motors and motor starters
3. Connected load – maximum demand – demand factor – diversity load centre

4. Power energy consumption in pumping, hauling and mining installations and other face machineries.

6. Power and energy measurement and tariffs

Measurement of power-watt meters – energy meters used in both DC and AC – power factor correction by capacitors – trivector meters – T.O.D. meters – their installation and computation of energy. Single and three phase static meters and principles of measuring energy consumption.

Tariffs – Different tariffs for LT and HT consumers – simple calculation relating to cost of energy.

7. Testing and fault attendance

Insulation tester – earth tester – relay testing kit – Schering Bridge, break down test of oil-single phase and three phase energy testing – voltmeter, ammeter and wattmeter testing – different installations – recommended values of insulation resistance – polarisation index – earth resistance measurements – desired values – Test for earth continuity paths – relay testing, detection and location of earth and faults in electrical apparatus and cables in voltage not exceeding 250 V and control circuits.

8. Flexing, trailing cables for portable and transportable apparatus. Knowledge of different types of cables including pliable armoured cables, their installation, maintenance, fault location, efficient repairs by vulcanized joints and testing.

9. Illumination, signaling and telecommunication system in Mines

10. Safety and protective devices

1. Electrical protection of circuits and apparatus – protection against over currents – protection against earth leakage.
2. Protective measures against risk of electrical shock – protection against contact with live parts – insulation resistance – protective earthing.

11. Safety Rules

4. Working knowledge of Central Electricity Authority (Measures relating to safety and Electric Supply) Regulations, 2010, with particular reference to chapter X.

ANNEXURE - 3

(Rule 27)

Syllabus for Examination for Electrical Wiremen Permit Grade 2

1. Properties of copper and aluminium conductors. Properties of insulating materials such as PVC, XLPE, rubber and porcelain. Concept of voltage, current, power, energy, resistance, inductance, capacitance, impedance, power-factor. Simple calculation of current, power, energy and voltage drop. Comparison between series and parallel connection of loads.
2. Basic principle of bulk generation of electricity in hydel and thermal stations. Functions of sub-stations and transformer stations in power systems. Lead acid and dry type of storage batteries. constructional details, characteristics, charging and maintenance, tubular and maintenance free batteries.
3. Measuring devices. Principle of operation of voltmeter, ammeter, wattmeter, tong tester and multimeter. Measurement of energy in single phase and three phase circuits using energy meters. Checking of possible errors.

4. Transformers principle of operation, construction, KVA and current ratings – efficiency, care and maintenance. Induction motors. Principle of working of squirrel cage and slipring motors–starter, D.O.L., star/delta(semiautomatic and automatic) and rotor resistance types. Single phase motors principle. Different types of fan regulators –resistance and electronic types. Principle of operation of fractional horse power motors used in appliances such as mixies, washing machines, etc. Principle of operation of AC generators.
5. Various systems of LT wiring – types of wires and standard sizes – voltage and current ratings – thumbRules for voltage drop in cables. Main switch boards, sub switch boards and distribution boards – permissible loads – selection of location and standards clearances for main boards etc. Circuit breakers, MCCBs, switch fuse units, MCBs, etc standard ratings. Conduits – metallic and non metallic types – permissible numbers of wires in conduits. Wiring of Special equipments like UPS, invertors, standby for computers, etc. Essential factors for wiring high rise buildings.
6. Earthing of systems, necessity types of standards for earthing – selection of location – type and size of earthing conductors – minimum number of earth electrodes. Earthing of Special equipment.
7. Fuses, rewirable and HRC types – ratings, selection and grading. Circuit breakers – MCCB, MCB, Overload protection, Earth leakage protection – ELCB – principle of operation – standards leakage current ratings.
8. Principle of operation of invertors, UPS and electronic chokes, power ratings. principle of operation and characteristics of commonly used light sources such as incandescent lamps, fluorescent lamps, compact fluorescent lamps, vapour lamps.
9. Standard symbols of various types of electrical equipments – reading of schematic drawing for power and control circuits. Electrical workman tools and accessories.
10. Testing and commissioning of installations – standards, testing meters – insulation tester, earth tester, neon tester, hand held lamp tester. General knowledge of continuity and polarity tests in single phase and three phase wiring, insulation resistance and earth resistance test.
11. Safety measures to be observed while working – devices used for electrical workman safety. Knowledge on tariffs. Procedure for availing electric supply to consumer – submission of completion report. Energy efficient and trouble free maintenance of installations. Knowledge of energy conservation methods. Code of conduct and ethics to be observed by the electrical workman with the Contractor, consumer and the Regulatory Authorities. Protective measures against electrical shocks to working personnel, restoration of and first aid to persons sustaining electrical shocks.

ANNEXURE - 4

(Rule 12)

TESTING INSTRUMENTS, SAFETY TOOLS AND OTHER EQUIPMENTS REQUIRED TO BE KEPT AND MAINTAINED FOR OBTAINING ELECTRICAL CONTRACTOR'S LICENCES, SPECIAL WIRING PERMIT

a) For Super Grade: Testing Instruments

- 1) Insulation Tester
 - a) 5000V (b) 1000V (c) 500 V class each
- 2) Portable Voltmeter - range 0 to 600 volts.
- 3) Portable Ammeter – range 0 to 60 A.
- 4) Multi meter
- 5) Tong Tester

- 6) Earth Tester with testing accessories.
- 7) Phase sequence meter
- 8) Portable Frequency meter range 45 to 55 HZ
- 9) Portable PF meter 5Amps, 240V, A/C.

Safety Tools and other Equipments:

- a) Rubber hand gloves tested to 15 kV (Electrical grade)
- b) Wire gauge or micrometer
- c) Safety Belt
- d) Full harness belt
- e) Hand operated and hydraulic operated crimping tool.
- f) Welding generator set.
- g) Portable grinder
- h) Portable drill

b) For Class 1 : Testing Instruments

1. Insulation Tester
(a) 1000V (b) 500 V class each
2. Portable Voltmeter - range 0 to 600 volts.
3. Portable Ammeter – range 0 to 60 A.
4. Multi meter
5. Tong Tester
6. Earth Tester with testing accessories.
7. Phase sequence meter

Safety Tools and other Equipments:

- a) Rubber hand gloves tested to 15 kV (Electrical grade)
- b) Wire gauge or micrometer
- c) Safety Belt

and Library for relevant Acts, Rules and BIS Publications

Wiring Instruments and Equipments.

c) For Class 2 and 3 :

Testing Instruments

1. Insulation Tester 500 V class each
2. Portable Voltmeter - range 0 to 600 volts.
3. Portable Ammeter – range 0 to 60 A.
4. Multi meter
5. Tong Tester

Safety Tools and other Equipments:

- a) Rubber hand gloves tested to 15 kV (Electrical grade)
- b) Wire gauge or micrometer

and Wiring Instruments and Equipments.

ANNEXURE - 5**FEEES**

Sl. No.	Particulars	Fees
A	FRESH (FOR ONE YEAR):	
1	Licence to Electrical Contractor Super Grade	10,000/-
2	Licence to Electrical Contractor Class 1	3,000/-
3	Licence to Electrical Contractor Class 2	2,000/-
4	Licence to Electrical Contractor Class 3	1,000/-
5	Special wiring permit to Industry (LSWP)	10,000/-
6	Electrical Supervisor (General) or (Mines) for any Grade	500/-
7	Electrical Wireman for any Grade	200/-
B	RENEWAL (FIVE YEARS):	
1	Licence to Electrical Contractor Super Grade	10,000/-
2	Licence to Electrical Contractor Class 1	3,000/-
3	Licence to Electrical Contractor Class 2	2,000/-
4	Licence to Electrical Contractor Class 3	1,000/-
5	Special wiring permit to Industry (LSWP)	10,000/-
6	Electrical Supervisor (General) or (Mines) for any Grade	500/-
7	Electrical Wireman for any Grade	200/-
C	Penalty for late submission (For Renewal):	
1	For a) any Licence or b) Special wiring permit	500/-
2	Electrical Supervisor and wiremen permit of any Grade	50/-
D	EXAMINATION	
1	Electrical Supervisor (General) or (Mines)	500/-
2	Electrical Wireman	200/-
E	OTHERS	
1	For duplicate a) any Licence or b) Special wiring permit	500/-
2	For duplicate Competency certificate/Permit for any Grade	50/-
3	For endorsement on both a) any Licence or b) Special wiring permit Licence , and Permit	50/-

Sl. No.	Particulars	Fees
4	For cancellation of endorsement on both a) any Licence or b) Special wiring permit and permit	50/-
5	For Change of signatory or Partners / Directors of the firm/company/factory, for a) any Licence or b) Special wiring permit	500/-
6	For Change of Address, for a) any Licence b) Special wiring permit or c) any permit holder.	50/-
7	For Change of instruments (other than at the time of fresh or renewal of licence/Special wiring permit), for a) any Licence or b) Special wiring permit	50/-
8	For all applications under Sl No A, B and D above.	25/-

In case of applicants belonging to SC and ST, examination fees under Sl No D and application form fees for examination under Sl No E (8) shall be 50% of the fee specified subject to furnishing the caste certificate in the prescribed form.

BY ORDER AND IN THE NAME OF THE GOVERNOR
OF KARNATAKA,

SAMEER MADIMAN

Desk Officer,
Energy Department