

DEPUTY CHIEF ELECTRICAL INSPECTOR

Kind of Work

Responsible professional and administrative work in the field of electrical engineering.

Distinguishing Features of Work

An employee in this class assists in organizing, planning, directing and coordinating all activities of the Electrical Inspectorate. Work involves participating in, and supervising employees engaged in the inspection of electrical installations and equipment in all private and public establishments to ensure conformance with the Electrical Ordinances, Rules and Regulations and evaluating new techniques in the field of electrical engineering. Work requires co-ordination with the Ministry of Education through the Board of Industrial Training on the assessment of the qualifications for the granting of Wiremen's Licences under the Ordinance. Work requires advising Local and Foreign consultants on the interpretation of engineering practices in relation to the existing ordinances, codes of practice and regulations. The employee exercises considerable independent judgement in making technical decisions within the framework of the relevant ordinances and established policies. Work is reviewed by a superior officer through reports and discussions to evaluate employee's performance.

Examples of Work

Assists in organizing, planning and directing all the activities of the Electrical Inspectorate.

Examines existing ordinances, rules and regulations pertaining to electrical installations and equipment and submits for consideration proposals for additions and or revision as required.

Supervises a group of technical and clerical subordinates engaged in servicing the activities of the Electrical Inspectorate.

Inspects electrical installations and equipment in all private and public establishments; and ensures that all such installations/equipment comply with safety standards and regulations in force.

Co-ordinates with Trinidad and Tobago Electricity Commission in supervising generally their distribution system as required by the relevant legislation.

Assists in Trinidad and Tobago Bureau of Standards in the preparation of standards relating to manufacture and installation of electrical equipment.

Advises the Fire Services on possible causes of fires suspected to be electrical in origin.

Licences electrical wiremen and cinema projectionists in accordance with the established Ordinances.

Provides technical advice to local and foreign consultants on the interpretation of local regulations and practices pertaining to the electrical trade.

Performs related work as required.

Required Knowledge, Skills and Abilities

Considerable knowledge of the principles and practices of Electrical Engineering.

Considerable knowledge of the hazards and safety precautions in the Electrical trade.

Considerable knowledge of the controlling laws ordinances, code and safety requirements applicable to electrical installation and equipment.

Ability to detect faulty installations/equipment and to enforce the regulations of the Electricity Ordinance.

Ability to assist in directing the operations of the Electrical Inspectorate.

Ability to recommend modifications to the existing ordinances, rules, regulations pertaining to Electrical installations and equipment.

Ability to establish and maintain effective working relationships with other employees and the public.

Minimum Experience and Training

Considerable (4 to 8 years) professional experience in the inspection of electrical installations and equipment including experience in an administrative capacity and training as evidenced by a Bachelor of Science Degree in Electrical Engineering from a recognised University, Technical Institute or College; or any equivalent combination of experience and training.