

Technician (Electrical)

Title of Position:	Technician (Electrical)
Reports to:	Head of Section/Unit
Functions:	Operation and Maintenance Services
Purpose of position:	
Responsible for electrical maintenance works with highest technical standard and as per the instruction of supervisors and ensure that works meet benchmarks/standards. Responsible for operation of the plant at maximum technical and economic efficiency 24 hours each day, ensuring that it is performing according to the corporate operational and HES and standards. Maintain, Operate, monitor and troubleshoot electrical equipment associated with DGPC hydroelectric Power Plants	
Duties & Responsibilities	
<ul style="list-style-type: none"> ▪ Perform maintenance, operation, and routine checks on all electrical equipment; ▪ Assist in troubleshooting problems and perform periodic inspections; ▪ Assist in the development of maintenance procedures and implementation; ▪ Maintains optimum levels of spares and consumables for maintenance and operation of power house; ▪ Erect scaffolds, platforms, or hoisting frames to access hydroelectric plant machinery or infrastructure for repair or replacement; ▪ Maintain or repair hydroelectric plant electrical, mechanical, or electronic equipment, such as motors, transformers, voltage regulators, generators, relays, battery systems, air compressors, sump pumps, gates, or valves; ▪ Change oil, hydraulic fluid, or other lubricants to maintain condition of hydroelectric plant equipment; ▪ Test and repair or replace electrical equipment, such as circuit breakers, station batteries, cable trays, conduits, or control devices; ▪ Attend plant safety meetings, and follow all safety rules and regulations; ▪ Perform lockout/tagout to isolate machinery for inspections and maintenance; ▪ Provide emergency after-hours support (call-out) and standby duties as required; ▪ Assist the Junior Engineer/Section Officer on preparation of estimate & costing on E&M equipment; ▪ Maintenance of high, medium, low voltage transmission lines and distribution systems; ▪ Maintaining cleanliness of work areas after completing the maintenance works; ▪ Implementation of ISO standards; ▪ Perform any others duties as assigned. 	
Key Performance Indicators	
<ul style="list-style-type: none"> ▪ Fault rectification time. ▪ Repeated faults to be minimized. ▪ Diagnosing faults. ▪ Study the performance of each component. ▪ Quality, accuracy and precision electrical works. ▪ Plant reliability and availability/downtime ▪ Compliance to occupational health and safety standards and codes. 	

Qualification, Key Skills and Competencies

Qualification:

Certificate in Electrical Engineering (RTI/VTI/TII)

Or

The candidate should have 2 years of experience in similar field.

And experience and sound understanding of DGPC and its business including current as well as future DGPC business.

Key Skills and Competencies:

- Should have basic knowledge of electrical applications.
- Should be able to read electrical drawings.
- Should be able to use electrician tools as per the site requirement.
- Should possess basic knowledge on the usage of measuring instrument
- Should possess basic computer knowledge.
- Possess initiative and mature judgment with the ability to make and implement sound decisions.