

Technician Mechanical

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| Title of Position: | Technician (Mechanical) |
| Reports to: | Head of Section/Unit |
| Functions: | Operation and Maintenance Services |
| Purpose of position: | |
| <p>Responsible for maintenance works at the plant with highest technical standard and as per the instruction of supervisor and ensure that works meet benchmarks/standards. Responsible for maintenance of turbines and other associated equipment of mechanical nature of the power plant. Other mechanical job as and when instructed by unit.</p> <p>Maintain, Operate, monitor and troubleshoot mechanical equipment associated with DGPC hydroelectric Power Plants.</p> | |
| Duties & Responsibilities | |
| <ul style="list-style-type: none"> ▪ Perform maintenance, operation, and routine inspections/checks of all mechanical components/systems in the plant; ▪ Assist in troubleshooting problems and perform periodic inspections of the mechanical equipment and its auxiliaries; ▪ Dismantles items and makes visual as well as performance tests, using measuring instruments and apparatus. Determines type and degree of repair required, serviceability of parts and components, or necessity for replacement. ▪ Keep record on all working days and initiate timely remedial maintenance works; ▪ Assist in the development of maintenance procedures and implementation; ▪ Attend plant safety meetings, and follow all safety rules and regulations; ▪ Maintains optimum levels of spares and consumables for maintenance and operation of power house; ▪ Perform lockout/tagout to isolate machinery for inspections and maintenance; ▪ Provide emergency after-hours support (call-out) and standby duties as required; ▪ Maintains competence in the use of power and hand tools and other testing equipment required for general maintenance work; ▪ Select tools and equipment appropriate to the job to be carried out; ▪ Perform recording and logging of the equipment data; ▪ Assist in planning, lay out and installation of mechanical equipments/machineries; ▪ Monitor/arrange materials required at site for ongoing and contingency work; ▪ Change oil, hydraulic fluid, or other lubricants to maintain condition of hydroelectric plant equipment; ▪ Responsible for the day to day maintenance, operation and repair of power house and associated equipment; ▪ Inspects and repair whenever necessary installed plant and equipment for optimum output; ▪ Perform basic welding, cutting, and grinding works; ▪ Perform basic fitting and rigging works; ▪ Perform dye penetrant testing; ▪ Maintaining cleanliness of work areas after completing the maintenance works; ▪ Implementation of ISO standards | |

- Perform any others duties as assigned.

Key Performance Indicators

- Maintenance work completed/maintenance work planned (expressed as a percentage)
- Compliance to occupational health and safety standards and codes.
- Quality, accuracy and precision in mechanical welding works.
- Downtime of the machine equipment.
- Efficiency of the equipment

Qualification, Key Skills and Competencies

Qualification:

Certificate in Mechanical Engineering (RTI/VII/TII)

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

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

. Key Skills and Competencies:

- Knowledge on machine tools, mechanical repair & maintenance.
- Basic knowledge on welding, cutting, grinding, fitting and rigging.
- Should possess basic knowledge on the usage of measuring instrument
- Basic knowledge on hydraulic & pneumatic symbols and machanical drawings
- Basic computer knowledge.
- Possess initiative and mature judgment with the ability to make and implement sound decisions.