

CENTRAL WATER AUTHORITY

JOB SPECIFICATION

POST	:	TECHNICAL ASSISTANT (ELECTRICAL) (SHIFT)
SALARY	:	Rs 25445 x 300 – 26945 x 320 -28865 x 350 – 30965 x 400 – 31765 x 425 – 33040 x 560 – 35840 x 725 – 37290 x 925 – 39140 x 970 – 46900 x 1050 – 47950 (PRB 2026) CWA 27
QUALIFICATIONS	:	(i) Part I & II of the electrical Installation Work No. 236 of the City & Guilds, London Institute. OR (ii) Part I & II of the Electrical Engineering Technicians No. 803 of the City & Guilds, London Institute. OR (iii) the ‘Brevet d’Aptitude Professional in Electro Mechanics of the Lycee Polytechnique de Flacq. Or (iv) an alternative qualification acceptable to the Authority. Previous experience in the trade will be an advantage.
RESPONSIBLE TO	:	Head of Section or any officer delegated by him.
DUTIES	:	1. The Technical Assistant (Electrical) should be capable of: (i) safeguarding himself and others working with him against any electrical risk; (ii) dealing with all types of internal wiring on electric lighting and cable works; (iii) dealing with AC and DC work, batteries, low tension circuits and carrying out necessary repairs thereto; (iv) renewing fuses and performing soldering works;

- (v) dealing with the appropriate types and sizes of cables, conductors, fuses and meters used on various types of electric equipment and for any given load;
 - (vi) installing, repairing, locating and removing faults on electric motors and starters, alternators, auto-transformers, rectifiers, battery charging equipment switch gears, circuit breakers, automatic control panels, power supply units, printed circuit boards, simple instrumentation;
 - (vii) using the testing equipment required in connection with his trade, such as megers, detectors, voltmeters, ammeters etc.....;
 - (viii) locating and repairing simple faults in electronic equipment;
 - (ix) reading and understanding wiring diagrams and plans of electrical equipment and motors;
 - (x) renewing any type of electrical motor or generator and repairing any type of electrical equipment;
 - (xi) preparing estimates of quantities of materials required for specific works;
- 2. To perform other duties directly related to the main duties listed above or related to the delivery of the output and results expected from incumbents in the roles ascribed to them according to their postings.**

Note : The Technical Assistant (Electrical) may be called upon to work at odd hours and work on a shift and/ or roster basis.