

CENTRAL WATER AUTHORITY

JOB SPECIFICATION

POST	:	TECHNICAL ASSISTANT (MECHANICAL) (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 Mechanical Engineering Technician No. 255 of the City & Guilds, London Institute. OR (ii) the 'Brevet d'Aptitude Professionnelle in Maintenance Mechanics of the Lycee Polytechnique de Flacq. Or (iii) 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 (Mechanical) should be capable of: (i) Stripping, overhauling and reassembling the mechanical assembly of the diesel engine of generating sets including grinding of valves, fitting pistons and rings; (ii) Stripping, overhauling and reassembling the mechanical assembly of submersible and surface pump units and metering devices; (iii) Stripping, overhauling and reassembling chlorination equipment; (iv) testing a crankshaft for alignment and refilling a complete set of bearings for a crankshaft by scraping; (v) using all appliances and equipment used in workshops; (vi) detecting faults and carrying out all the repairs to a generating set, pumpset, chlorinator;

- (vii) detecting and protecting himself and others working with him against chlorine hazards;
- (viii) reading and writing English and French and being conversant with measurements required in the trade and using all precision instrument;
- (ix) knowing the English and French names of all parts and for generating set, pumpsets, chlorination equipment;
- (x) reading drawings, sketches and wiring diagrams;
- (xi) dealing with the various working clearances and components;
- (xii) tuning engines efficiently;
- (xiii) dealing with carburation and the working and running adjustments of all types of carburetors;
- (xiv) dealing with all internal combustion engines, diesel fuel pumps and nozzles;
- (xv) reading and understanding instruction manuals and diagrams and sketches;
- (xvi) preparing parts list required for specific jobs.

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 :**
- (i) The Technical Assistant (Mechanical) is expected to possess a valid driving licence and to drive CWA vehicles in the performance of his duties;
 - (ii) The Technical Assistant (Mechanical) may be called upon to work at odd hours and work on a shift and/or roster basis.