

GOVERNMENT OF MAURITIUS

**SCHEME OF SERVICE SPECIFIED UNDER REGULATION 15 OF THE
PUBLIC SERVICE COMMISSION REGULATIONS**

- Ministry:** National Infrastructure and Community Development (Energy Services Division)
- Post:** Plant Mechanic
- Salary:** Rs 13,010 x 260 – 14,050 x 275 – 15,150 x 300 – 15,750 x 325 – 17,700 x 375 – 19,575 x 475 – 21,950 x 625 – 23,200 x 775 – 23,975 (25 023 052)
- Effective Date:** 30 July 2020
- Qualifications:** By selection from among serving employees on the permanent and pensionable establishment who –
- (a) possess –
- (i) the Certificate of Primary Education;
- (ii) the National Trade Certificate (Level 3) in Refrigeration and Air conditioning issued jointly by the Mauritius Examinations Syndicate and the Industrial and Vocational Training Board (IVTB) [now Mauritius Institute of Training and Development (MITD)] or the National Certificate (Level 3) in Refrigeration and Air conditioning awarded by the Mauritius Institute of Training and Development (MITD) or an equivalent qualification acceptable to the Public Service Commission; and
- (b) have a knowledge of First Aid.


NOTE

In the absence of qualified serving employees on the permanent and pensionable establishment, by selection from among candidates who –

- (i) possess the Certificate of Primary Education;
- (ii) possess the National Trade Certificate (Level 3) in Refrigeration and Air conditioning issued jointly by the Mauritius Examinations Syndicate and the Industrial and Vocational Training Board (IVTB) [now Mauritius Institute of Training and Development (MITD)] or the National Certificate (Level 3) in Refrigeration and Air conditioning awarded by the Mauritius Institute of Training and Development (MITD) or an equivalent qualification acceptable to the Public Service Commission; and

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CERTIFIED CORRECT


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D. Gowry (Mrs)
for Secretary for Public Service

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- (iii) have a knowledge of First Aid.

Candidates should produce written evidence of knowledge claimed.

Duties:

1. To use properly and keep in good condition tools and instruments in general use in the trade.
2. To diagnose, locate, remove and repair faults (including simple electrical faults) on mechanical and air conditioning plants and equipment in Government buildings.
3. To carry out cleaning and maintenance tasks including –
 - (a) cooling towers: check alignment of motors, grease bearings, remove scales and paints;
 - (b) water chillers: check and adjust controls, check and charge refrigerant, check and change oil, change oil filters and heater elements;
 - (c) repair of piping insulation, strainers, condenser and evaporator systems;
 - (d) fan coil units: clean filters three way valves, chilled water pipes, check and drain trays and pipes;
 - (e) air compressor: check oil and carry out periodic servicing;
 - (f) repair and adjust pneumatic controls and systems and dampers on duct work;
 - (g) air handling units: cleaning and maintenance of filters and filter coils, belts, bearings and thermostats;
 - (h) pumps and fans: dismantle and repair when required;
 - (i) checking and maintenance of dosing equipment for water treatment;

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- (j) repair of butterfly and other valves;
 - (k) adjustment and welding of simple broken parts and pipes by arc/gas welding;
 - (l) incinerator: clean photocells, water spray nozzles and prime diesel;
 - (m) routine maintenance on diesel engine of standby generators; and
 - (n) cleaning and maintenance of room air conditioners and installation of window and split units when necessary.
4. To carry out tests on plant and equipment.
 5. To operate plant and equipment, as and when required.
 6. To read and interpret simple diagrams and carry out work to such diagrams.
 7. To prepare estimate in regard to types and quantities of materials required for specific works.
 8. To assist Technicians in the performance of their duties.
 9. To remove and return materials from stores in accordance with established procedures.
 10. To keep records of work performed.
 11. To operate lifts manually.
 12. To perform such other duties directly related to the main duties listed above or related to the delivery of the output and results expected from the Plant Mechanic in the roles ascribed to him.

Note

Plant Mechanics may be required to work outside normal working hours including Saturdays, Sundays and Public Holidays and on officially declared cyclone days.

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