

MECHANICAL PRODUCTION TECHNICIAN

Nature of work

The principal and customary work of the employee in this employment class consists in carrying out various technical tasks such as the maintenance, calibration, repair, alteration and installation of systems, apparatus, machine tools, instruments, mechanical and electromechanical devices and specialized equipment.

Required qualifications

Schooling

To have a diploma of college studies in an appropriate specialty or a diploma or an attestation of studies which is recognized as equivalent by the competent authority.

Some characteristic duties

The employee in this employment class inspects the equipment and electromechanical and mechanical apparatus of the college; he identifies defects and carries out the necessary repairs; he repairs, replaces or alters mechanical and electromechanical parts; he alters or combines apparatus to meet specific needs; he determines the parts to be used, taking into account cost and performance of equipment, and recommends them, if necessary.

He takes care of the maintenance, repair, alteration and installation of the measurement instruments by calibration, alignment, adjustment, etc. He prepares diagrams and, if need be, plans and specifications for work to be done.

He supervises and controls the quality of work contracted out in the mechanical production field and advises on the quality of the equipment and systems installed or to be purchased (testing, specifications, etc.)

He keeps in good order all tooling placed at his disposal, keeps an inventory of parts and prepares reports on the maintenance and repair of equipment. In the scope of his functions, he may provide technical help to users.

He is called upon to coordinate the work of support personnel involved in technical operations or programs for which he is responsible and to train less experienced personnel.

If need be, he performs any other related tasks.