



Average annual wage 82 280,00\$

Qualification generally required

- Mechanical Engineering Technology

Skills required

- Focus on detail and disciplined approach
- Problem-solving ability
- Teamwork
- Sense of responsibility
- Ability to read and interpret plans

Other requirements and assets

- Mastery of 3D design software
- DVS in Industrial Drafting

Occupation category Exploitation, Mechanical/industrial maintenance

Mechanical engineering technician

Alternative names : Machine designer, Robotics technician, etc.

Mechanical engineering technicians provide support and technical services for the design, construction, maintenance and testing of machines, components and tools, with respect to machining, the development of operation sheets, the programming of machines with digital controls, the production of tools, and quality control. They also cooperate with other trades in planning and carrying out maintenance work on machinery and organizing production work. During the construction phase, mining companies may give mechanical engineering technicians responsibility for conceiving and designing some equipment generally found in an ore treatment plant. They are able to draw up plans, drawings, technical specifications and 3D prototypes using traditional or computer-aided methods to support the company's engineering team.

Specific job conditions

- The work may be performed in an office environment or on-site.
- The work may be performed in difficult physical or environmental conditions (dust, noise, heat

or cold).

- The work may require fine muscular control for the adjustment of high-precision machine tools.
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