



OPERATORS

Operators are the largest job category within the upstream petroleum industry, with 60,000 current employees. Operator jobs typically involve the specialized operation of control systems and equipment related to plant and facilities, heavy equipment, rigs, wells and pipelines.

How do I get there?

Individuals usually require a high school diploma as well as on-the-job training and selected technical course work. A post-secondary education in engineering technology can help with career advancement.

What would I do?

The top competencies for Operators include:

- ▶ Operation and control
- ▶ Public safety and security
- ▶ Operation monitoring
- ▶ Mechanical
- ▶ Equipment maintenance

Career Progression

Typically field workers advance into Operator positions based on their job experience, performance, interest and potential. With experience and formal on-the-job company training, individuals can move laterally within their company, or vertically to supervisor or management positions.



What careers could I have?

Careers in the operators category of the petroleum industry include:

- ▶ Bulk Plant Operator
- ▶ Cementing Operator
- ▶ Coiled Tubing Operator
- ▶ Completions Superintendent
- ▶ Control Centre Operator
- ▶ Directional Driller
- ▶ Downhole Tool Specialist
- ▶ Drilling and Service Rig Operator
- ▶ Drilling Fluids Representative
- ▶ Field Dispatcher
- ▶ Field Production Operator
- ▶ Fracking and Acidizing Pump Operator
- ▶ Heavy Equipment Operator
- ▶ Measurement While Drilling (MWD) Specialist
- ▶ Nitrogen Operator
- ▶ Oil and Gas Transportation Operator
- ▶ Petroleum Plant and Facility Operator
- ▶ Power Engineering Technologist and Stationary Steam Engineer
- ▶ Power Tong Operator
- ▶ Rig Manager
- ▶ Seismic Operator
- ▶ Slickline Operator
- ▶ Snubbing Operator
- ▶ Solids Control Technician
- ▶ Wastewater Technician
- ▶ Well Services Operator
- ▶ Well Testing Operator
- ▶ Wireline Operator

EXPLORE OCCUPATIONS IN THIS CATEGORY



How can I find out more?

The following websites can provide additional information

- ▶ Canadian Association of Geophysical Contractors (www.cagc.ca)
- ▶ Canadian Association of Oilwell Drilling Contractors (www.caodc.ca)
- ▶ Petroleum Services Association of Canada (www.psac.ca)

ADDITIONAL RESOURCES

Participate in National Technology Week – it's held annually in the first week of November and helps students, teachers and parents explore technical careers.

Visit careersinoilandgas.com to use our Career Explorer tool and find the job that suits you best!