




Bridging the Gap: Job Opportunities in Energy Services

Job Seeker Information Series

Recorded Session #1:

About Energy Services and Jobs,
Qualifications and Work Environment

Canada  Alberta 

Careers in
 **Energy**

Content

1. About energy services
2. Energy services opportunities
 - Jobs, qualifications and work environment
 - Transferability from other sectors
3. Interpersonal and communication skill requirements
4. Resources to support your career research





Photos courtesy of Cenovus Energy Inc, Suncor Energy, TransCanada Corporation

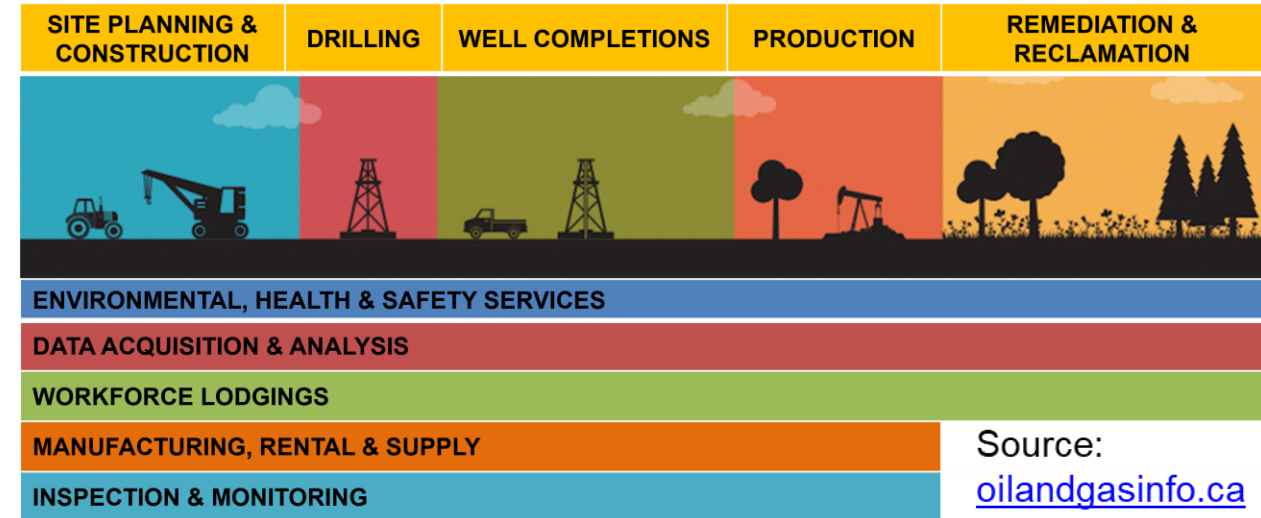
Bridging the Gap

About Energy Services and its Opportunities



Activities in the Energy Services Sector

- Oil and gas, drilling and service, supply and manufacturing
 - Specialized equipment and skills needed across the oil and gas life cycle
 - Leading edge processes and technology
- Comprised of contractors that support oil and gas exploration and production, oil sands and pipeline companies
- Play a critical role in energy transition: expertise, equipment and technology



Learn more about the role of energy services in Canada's energy industry at [Careers in Energy - Upstream Oil & Natural Gas](#)

Learn more about the

- [Canadian Association of Energy Contractors](#)
- [Canadian Association of Geophysical Contractors](#)
- [Enserva](#)

Workplace Culture

Safety comes first!

- Everyone is responsible for safety and intervening to protect yourself and your co-workers
- Pre-employment testing for drugs and alcohol

Use of technology and mechanical know-how

- Advanced technologies employed in equipment and tools
- Automated data gathering and monitoring
- Mechanical skills continue to be important

Continuous improvement and teamwork

- Value of innovation - problem-solving and finding better ways to do the work
- Living and working in teams requires trust and open communication



Support for diversity and inclusion

- Companies committed to diversifying their workforce; often includes a designated company contact
- Formal programs and training to address culture and skills

Attitude is key

- Openness to learning and feedback essential
- Willingness to follow instructions, ask questions and improve

Jobs, Qualifications and Work Environment

All energy services occupations: safety-aware, mechanically-inclined, pre-employment tests

Occupation	Preferred Qualifications	Nature of Work
Oilfield services operators <ul style="list-style-type: none"> Coiled Tubing, Fracturing, Cementing, Nitrogen, Wireline, Slickline, E-line, Vacuum truck, Snubbing Service rig crews Drilling rig crews Seismic crews	<ul style="list-style-type: none"> Driver's License + clean abstract <ul style="list-style-type: none"> Operators: Class 1 or 3 Rig crews: Class 5 	<ul style="list-style-type: none"> Seasonal - busiest in fall and winter Outdoors Physical labour Safety sensitive Travel between worksites Shift work Rotational assignments, workers stay in company-provided accommodation
Field Technicians <ul style="list-style-type: none"> Measurement while drilling (MWD) Production-testing and Well-testing 	<ul style="list-style-type: none"> Engineering technologist diploma (MWD) Class 5 Driver's Licence + clean abstract 	
Trades <ul style="list-style-type: none"> Heavy equipment technicians Instrumentation technicians Millwrights 	<ul style="list-style-type: none"> Certificate of Qualification <ul style="list-style-type: none"> Apprenticeships available Class 5 Driver's Licence + clean abstract 	<ul style="list-style-type: none"> Shop and field opportunities Physical labour Safety sensitive Rotational assignments or away from home for periods of time <ul style="list-style-type: none"> Workers stay in company-provided accommodation
Technicians <ul style="list-style-type: none"> Centrifuge technicians Electronic technicians 	<ul style="list-style-type: none"> Technician diploma Class 5 Driver's Licence + clean abstract 	



Jobs, Qualifications and Work Environment

(continued)

Occupation	Preferred Qualifications	Nature of Work
Truck drivers/Transport operators	<ul style="list-style-type: none"> • Class 1 or 3 Driver’s License + clean abstract 	<ul style="list-style-type: none"> • Highway and off-highway driving • Drive in all kinds of weather • Physical labour • Variety of work arrangements: <ul style="list-style-type: none"> ○ Rotational assignments ○ Local assignments ○ Long-haul assignments
Health & Safety <ul style="list-style-type: none"> • Emergency medical responder • Emergency medical technician • Primary care paramedic 	<ul style="list-style-type: none"> • Active registration (certification + exam) as a: <ul style="list-style-type: none"> ○ Emergency medical responder ○ Emergency medical technician ○ Primary care paramedic • Class 5 Driver’s Licence + clean abstract 	<ul style="list-style-type: none"> • Travel to location • Shift work • Rotational assignments or away from home for periods of time <ul style="list-style-type: none"> ○ Workers stay in company-provided accommodation
Manufacturing <ul style="list-style-type: none"> • Assembly technicians • CNC operators • Field service technicians • Maintenance technicians • Materials handlers • Shop hands 	<ul style="list-style-type: none"> • Certificate of Qualification (CNC operators; Maintenance technicians) <ul style="list-style-type: none"> ○ Apprenticeships available • Class 5 Driver’s Licence + clean abstract (Field service technicians) 	<ul style="list-style-type: none"> • Indoor manufacturing facility • Shift work may be required • Field service technicians need to travel to the field

Jobs, Qualifications and Work Environment

(continued)

Occupation	Preferred Qualifications	Nature of Work
Environmental <ul style="list-style-type: none"> • Engineers • Technicians • Scientists 	<ul style="list-style-type: none"> • BA Engineering • BSc: Biology, Chemistry, Environmental • Diploma: Environmental sciences, Engineering technologist • Understanding of regulatory environment • Class 5 Driver's Licence + clean abstract 	<ul style="list-style-type: none"> • Head office and field opportunities • Indoor/outdoor combination • Travel to field locations • Rotational assignments or away from home for periods of time <ul style="list-style-type: none"> ○ Workers stay in company-provided accommodation
Head office positions <ul style="list-style-type: none"> • Accounting • Business analyst • Engineering • HR • IT • Technical Sales 	<ul style="list-style-type: none"> • Relevant post-secondary training 	<ul style="list-style-type: none"> • Mainly office with some trips to the field



Jobs, Qualifications and Work Environment

(continued)

- Typical safety certificates:

- Standard First Aid*
- H₂S Alive® *
- Professional Driver Improvement Course (PDIC)
- High Angle Rescue
- WHMIS
- Transportation of Dangerous Good (TDG)
- Hours of Service & Fatigue Management
- Detection & Control of Flammable Substances*
- Well Service Blowout Prevention (WSBOP)*
- Confined Space Entry and Monitor*
- Fall Protection*
- Bear Awareness*
- Overhead Crane
- Manlift
- Forklift
- Driver Evaluations
- Wellhead Boom Truck Operator*

*Offered by [Energy Safety Canada \(ESC\)](#)

- Check out Energy Safety Canada offerings of training for energy services workers
- Proficiency in English: speaking, reading and writing

Location of Work

Frequently, there is an option to travel from hubs to location of Work; or relocate with financial support

Occupation	Location of Work
<ul style="list-style-type: none"> Oilfield services operators Service rig crews Drilling rig crews Truck drivers/Transport operators Trades Technicians Health & safety 	<ul style="list-style-type: none"> Based out of: <ul style="list-style-type: none"> Grande Prairie, Red Deer, Brooks/Medicine Hat, Whitecourt, Cold Lake/Bonnyville, Lloydminster, Drayton Valley
<ul style="list-style-type: none"> Environmental 	<ul style="list-style-type: none"> Calgary, Edmonton Based out of: <ul style="list-style-type: none"> Grande Prairie, Red Deer, Brooks/Medicine Hat, Whitecourt, Cold Lake/Bonnyville, Lloydminster, Drayton Valley
<ul style="list-style-type: none"> Manufacturing 	<ul style="list-style-type: none"> Edmonton/Nisku/Leduc, Red Deer
<ul style="list-style-type: none"> Head office positions 	<ul style="list-style-type: none"> Calgary, Edmonton, Red Deer



Sectors Where Skills Are Transferable to Energy Services

Similarities in work environment, working with tools and equipment, mechanically-inclined, safety sensitive, physically active:

- Oil and gas: exploration and production, pipelines, oil sands
- Industrial construction
- Forestry
- Military
- Mining
- Manufacturing: lumber, pulp and paper, petrochemicals
- Agriculture/farming
- Trucking
- Utilities (renewable and non-renewable)



Importance of Interpersonal and Communication Skills

- **Safety culture**

- Understanding safety policies and practices, both written and verbal
- Skills and confidence to speak up

- **Respectful work environment**

- Interpersonal skills needed to manage interactions with peers, customers and managers, especially with a diverse workforce
- Living and working together for extended periods requires open communication

- **Continuous improvement**

- Ability to ask questions and listen and respond to feedback

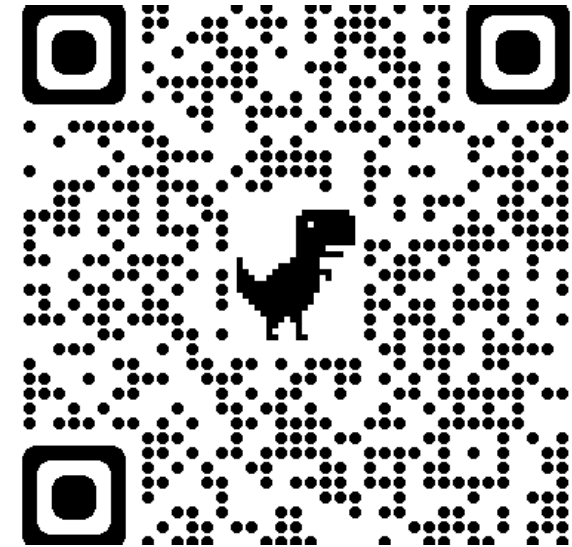


Take the Job Seeker Survey now

- Share information including skills and availability for employment
- Aggregate data shared with employers to make better matches between talent pool and employer needs for hiring events

Learn more at [CareersinEnergy.ca](https://careersinenergy.ca)

- Read about the Bridging the Gap program and hiring events in our [news section](#)
- Sign up to receive notifications of upcoming hiring events



Resources to Support Your Career Research

Job Opportunities, Skills and Qualifications Required

- [CareersinEnergy.ca](https://careersinenergy.ca)
 - In addition to exploring the [career profiles](#), check-out “Day in the Life” profiles, “Not Your Grandpa’s Energy Industry” podcast, and [VR Experiences](#).
- [CAOEC - Working on a Drilling or Service Rig](#)
 - In-depth look at how to start your career on a drilling or service rig crew. Hear from crew members about the work environment and benefits of the job.
- [Alberta's Energy Services Employer Panel](#)
 - Hear from recruiters from Sanjel Energy Services, Precision Well Servicing and Flint Corp about the career opportunities they offer and the skills and qualifications they are looking for.
- [ALIS - Oil & Gas Occupational Info](#)
 - Alberta Learning Information System (ALIS) offers insights into oil and gas occupations, education and certification requirements, what your duties will be, average wages and employment outlook.
- What to know about [pre-employment drug testing](#).
 - Pre-employment testing is a key feature of an energy service employer’s health and safety program.



Resources to Support Your Career Research

Who's Hiring?

In addition to your usual job search on Indeed, LinkedIn, etc., check out these job boards found on energy services industry association websites:

- [Canadian Association of Energy Contractors Job Board](#)
- [Enserva Job Board](#)

Training and Driver's Licenses

- [Energy Safety Canada - Training](#)
 - Also see recorded webinar by ESC on training available for energy services workers
- [SATO Canada](#)
- A driver's license is a core qualification for many careers in Alberta's energy sector.
 - [Getting your driver's license in Alberta](#)
 - [Exchange your driver's licence](#) from another province or country for an Alberta licence.
 - How to [obtain your driver's abstract](#) in Alberta



Recordings in the Job Seekers Information Series

1. About Energy Services and Jobs, Qualifications and Work Environment

- About Energy Services
- Energy Services Opportunities
 - Jobs, qualifications and work environment
 - Transferability from other sectors
- Interpersonal and Communication Skill Requirements
- Resources to Support Your Career Research

2. Making the Most of Your Energy Services Career

- Career path into the energy services sector
- Benefit(s) associated with working in the energy services
- Making unique work environment work for you: rotational assignments, living in camp, etc.

3. Preparing for Hiring Fairs

- Doing market research and developing your brand
- Preparing your resume and application
- Presenting yourself to employers
- What to expect from the hiring process
- Resources to support your career research






Thank you!

The Province of Alberta is working in partnership with the Government of Canada to provide employment support programs and services.

Canada 

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Careers in
 Energy

CareersinEnergy.ca

