



<https://cablewave.ca/job/osp-design-technician/>

Utility Engineering CAD Technician

Description

About the Company

Cablewave Utility Services Inc. was established in 2014, Providing solutions for both the public and private utility industry. Our head office is proudly located in Sudbury, Ontario.

Our team specializes in telecommunication, electrical distribution engineering, damage prevention and construction management. Let's bridge the digital divide together!

About the role:

Are you an ambitious, driven professional looking to build a rewarding career in the dynamic world of utility engineering? We're seeking an energetic go-getter eager to grow, learn, and make an impact in a fast-evolving industry.

This role offers hands-on experience working with utilities and municipalities, giving you a strong foundation to develop essential skills and advance your career. Expect a mix of office and fieldwork, where you'll tackle real-world projects outdoors in various weather conditions. Plus, you'll have the opportunity to travel out of town for about one week per month, adding variety and adventure to your work.

Typical Duties & Responsibilities of this role:

As a **Utility Engineering CAD Technician**, you will play a vital role in creating accurate and high-quality construction plans. Your primary duties will include:

1. CAD Drawing & Design

- Generate **buried construction drawings** and **third-party aerial engineering plans** using CAD software.
- Analyze field data and produce final **CAD drawings** for submission.
- Utilize, edit, and create **dynamic blocks, layers, and new linetypes** as needed.

1. Quality Assurance & Process Improvement

- Ensure compliance with **Cablewave CAD standards** by reviewing and refining drawings.
- Provide feedback to improve **design standards, automation, and quality control**.

1. Field Surveying & Data Collection (*Occasional Requirement*)

- Conduct field surveys, collecting data using **GPS, cameras, and electromagnetic locating equipment**.

1. Training & Professional Development

Hiring organization

Cablewave Utility Services

Employment Type

Full-time

Job Location

1414 Lasalle Blvd. Suite 201, P3A
1Z6, Sudbury, Ontario, Canada

Working Hours

Monday – Friday 8am – 4pm

Base Salary

\$ 22 - \$ 38

Valid through

06.03.2025

- Gain hands-on experience with **pole line modeling** using **Spida-Calc & Quickpole software**.
- Develop proficiency in **SpatialNET and project management** tools.

Experience and Qualifications:

- Must have excellent time management.
- Must work well independently, and strong problem solving abilities.
- Review and understand utility records and as built.
- Knowledgeable with CSA 22.3 No. 7-15 Underground Systems.
- Knowledgeable with CSA 22.3 No. 1 – 15 Overhead Systems.
- Knowledgeable with Ontario Regulation 22/04.
- Experience with AutoCAD 2009.
- Graduate of Civil Engineering technology, Electrical Engineering technology, or equivalent experience.

How to Apply:

Please forward your resume and cover letter to careers@cablewave.ca

Cablewave Utility Services is an equal opportunity employer and supports a diverse workforce.

Accommodation will be provided in all parts of the hiring process. Applicants can make their accommodation needs known to us in their cover letter.

COVID-19 considerations:

Due to the current COVID-19 Considerations, we have implemented the guidelines as required by the recommended health officials.