

Civil Gradesman – TYBO Contracting

Field Operations – Lower Mainland, British Columbia

Are you a dedicated, detail-oriented professional looking to grow your career with a company where your skills and contributions are valued? Join **TYBO Contracting** as a **Civil Gradesman**!

A Civil Gradesman plays an important role in ensuring civil construction work is completed accurately, efficiently, and to the required grades, elevations, and specifications.

The successful candidate will be able to work independently with limited supervision while supporting field crews, supervisors, and project management with site layout, elevations, grades, measurements, and documentation.

Safety, accuracy, communication, and attention to detail are critical to this position. Gradesmen are expected to actively participate in site organization and safety while maintaining a strong understanding of working around heavy equipment, excavation activities, and existing utilities.

Core Responsibilities

Level I

- Read and interpret construction drawings, plans, specifications, and grade sheets.
- Read and understand cut sheets and site layout information.
- Set up and properly use a builder's level.
- Understand the purpose and process of completing a peg test to verify and maintain level accuracy.
- Perform and document as-built measurements.
- Calculate Height of Instrument (HI).
- Properly read and record rod shots.
- Identify appropriate and safe locations for setting up levels and other surveying equipment.
- Assist crews with establishing and maintaining grades and elevations.
- Maintain accurate field notes and measurements.

- Understand right-of-way requirements, sudden changes in direction, blind spots, and other hazards when working around mobile equipment.
- Monitor required clearance and encroachment distances when working near overhead or buried utilities.
- Maintain good housekeeping and help keep work areas organized.
- Provide assistance to ground crews when required.
- Communicate potential grade, layout, or site conflicts to the Foreman or Superintendent.

Level II

- Perform differential leveling and establish and close level loops.
- Calculate grades, slopes, elevations, and offsets.
- Set up and operate theodolites, rotating lasers, and other surveying equipment.
- Set up and operate GPS equipment, including base and rover systems.
- Import and export files for GPS and machine-control systems.
- Complete utility pre-locates and accurately document existing utilities.
- Confirm and verify site control points and benchmarks.
- Identify potential conflicts between design, existing conditions, utilities, and construction activities.
- Communicate discrepancies and potential conflicts to the Foreman, Superintendent, or Project Manager.
- Complete site layout for civil construction activities.
- Complete topographic surveys and field measurements.
- Assist with volume calculations and quantity tracking.
- Support machine-control and GPS-based construction activities.
- Assist with establishing line, grade, elevations, offsets, and control for underground utilities, excavation, roadworks, and site development.
- Maintain accurate and organized survey and field documentation.
- Assist with construction quality control and verification of completed work.

Qualifications

- Previous experience working as a Gradesman, Survey Assistant, Survey Technician, or in a related civil construction position is preferred.
- Experience in civil construction, excavation, underground utilities, roadworks, or site development is considered an asset.
- Strong understanding of construction drawings, grades, elevations, and basic surveying principles.
- Valid BC Class 5 Driver's Licence.

- High School Diploma or equivalent is considered an asset.
- Ground Disturbance Level 2 is considered an asset.
- First Aid certification is considered an asset.
- Ability to work outdoors in varying weather conditions.
- Physically capable of performing construction-related tasks when required.
- Willingness to work flexible hours, including overtime and weekends when required to meet project schedules.

Technical Skills

- Ability to accurately read construction drawings, grade sheets, and cut sheets.
- Proficient in setting up and using a builder's level.
- Understanding of Height of Instrument (HI) calculations.
- Ability to accurately read and record rod shots.
- Understanding of differential leveling and level loops.
- Ability to calculate grades, slopes, elevations, offsets, and distances.
- Experience setting up and operating rotating lasers.
- Experience with theodolites and other surveying equipment is considered an asset.
- Experience with GPS base and rover systems is considered an asset.
- Understanding of importing and exporting GPS and survey files.
- Ability to establish and verify control points and benchmarks.
- Ability to complete accurate as-built documentation.
- Experience documenting existing utilities and completing utility pre-locates.
- Ability to perform site layout and topographic measurements.
- Understanding of volume and quantity calculations.
- Ability to identify discrepancies between drawings and field conditions.
- Strong understanding of working safely around excavation, heavy equipment, and mobile machinery.
- Understanding of required clearances around overhead and underground utilities.
- Ability to maintain accurate field notes and organized survey documentation.
- Familiarity with digital construction and survey technology is considered an asset.

Interpersonal Skills

- Strong commitment to workplace safety and safe work practices.
- Excellent attention to detail and accuracy.
- Strong organizational and time-management skills.
- Effective verbal and written English communication skills.

- Strong problem-solving and analytical abilities.
- Ability to work independently with limited supervision.
- Ability to work effectively as part of a construction team.
- Comfortable communicating with Foremen, Superintendents, Project Managers, Operators, Labourers, and other site personnel.
- Willingness to ask questions and seek clarification when required.
- Ability to identify potential issues before they affect production.
- Dependable, responsible, and accountable for assigned work.
- Results-oriented with a strong work ethic.
- Professional and respectful attitude toward coworkers, clients, subcontractors, and project stakeholders.
- Willingness to learn new technology, equipment, and surveying techniques.
- Desire to develop technical skills and progress within TYBO Contracting.

What You Can Expect at TYBO Contracting

- Competitive compensation packages
- Extended health benefits
- RRSP program
- Team building and social events
- Training, development, and mentorship opportunities
- Opportunities for career advancement
- Opportunities to develop advanced surveying and GPS skills
- Exposure to a variety of civil construction projects
- A supportive and team-oriented work environment
- Work-life balance
- A strong focus on safety, quality, and employee development
- A company culture that values hard work, accountability, teamwork, and continuous improvement

Only candidates residing in the Lower Mainland of British Columbia will be considered. TYBO Contracting does not currently offer camp or LOA accommodations.

About TYBO Contracting

TYBO Contracting is a growing civil construction company serving the Lower Mainland of British Columbia. We specialize in civil construction, underground utilities, excavation, site development, and infrastructure projects.

Our success is built on quality workmanship, strong relationships, safety, and the people who make up our team. We are committed to creating a workplace where employees can develop their skills, take on greater responsibility, and build long-term careers.

Our field teams rely on accurate grades, elevations, layout, and measurements to keep projects moving efficiently and ensure work is completed to design requirements. As a Civil Gradesman at TYBO Contracting, you will play an important role in supporting our crews and helping deliver quality civil construction projects.

We believe in investing in our employees through training, mentorship, hands-on experience, and opportunities for advancement. Whether you are developing your foundational surveying skills or are already experienced with GPS and advanced site layout, TYBO provides an opportunity to continue growing your career.

Join the TYBO Team

If you are a detail-oriented Civil Gradesman who takes pride in accuracy, enjoys working in the field, and wants to build your skills with a growing civil construction company, **we want to hear from you.**

Apply with your resume today!