

DESIGN TECHNICIAN

Oakville, Pickering, Cambridge, London, ON | Full-Time | Design Engineering

ABOUT NBM ENGINEERING

For over **35 years**, **NBM ENGINEERING** has been helping shape the infrastructure that keeps communities powered, connected, and moving forward. As a **trusted engineering and consulting firm**, we partner with municipalities, hydro utilities, and telecommunications providers across Canada to deliver Electrical and Civil Engineering Design, Compliance & Asset Management, Geomatics Support, and Project Management services.

At NBM Engineering, we believe great engineering creates lasting impact. Guided by our values of **integrity, collaboration, technical excellence, health and safety, accountability, and continuous improvement**, we empower our people to solve complex challenges, support critical infrastructure, and help build stronger, safer, and more sustainable communities for future generations.

ABOUT THE ROLE

Transform concepts into the infrastructure that powers and connects communities.

At NBM Engineering, our **DESIGN TECHNICIANS** are at the forefront of delivering innovative utility and infrastructure solutions that support communities across Ontario. Leveraging advanced AutoCAD design expertise, you'll work alongside engineers, project managers, utilities, and field teams to develop high-quality engineering drawings and design packages for electrical distribution, telecommunications, and municipal infrastructure projects.

This role is ideal for Electrical Engineers, Civil Engineers, Engineering Technologists, or Design Professionals who are passionate about technical design, problem-solving, and continuous learning. Candidates with previous experience in the utility, hydro, telecommunications, or municipal infrastructure sectors will be highly valued. If you enjoy turning technical requirements into practical design solutions and want to contribute to projects that have a lasting impact on communities, we'd love to hear from you.

WHAT YOU'LL DO

As part of our team you will do:

DRAFTING & DESIGN DEVELOPMENT

- Create electrical distribution and telecommunications drawings using AutoCAD

DRAWING MANAGEMENT & REVISIONS

- Develop design layouts based on inputs from Engineering Technicians and Engineers
- Prepare construction drawings with high precision and accurate scaling
- Maintain technical and aesthetic design standards

DATA ACQUISITION & FIELD INTEGRATION

- Update and modify existing drawings based on project changes
- Prepare and finalize **as-built drawings** reflecting field conditions
- Ensure all revisions meet project specifications
- Request and incorporate land base and underground utility information
- Collect field data using survey equipment (e.g., clearances, cable heights, pole profiles, surroundings)
- Translate field data into drafting output

QUALITY CONTROL & STANDARDS COMPLIANCE

- Ensure drawings meet engineering standards and client specifications
- Maintain consistency in presentation, quality, and accuracy
- Support compliance with internal drafting standards

WHAT WE'RE LOOKING FOR

EDUCATION

- Diploma/Degree in Electrical or Civil Engineering

EXPERIENCE LEVEL

- 0 to 5 years of related experience

TECHNICAL SKILLS

- Proficiency in AutoCAD and/or MicroStation
- Microsoft Office proficiency

TECHNICAL KNOWLEDGE & ANALYTICAL SKILLS

- Strong mathematical skills
- Ability to interpret engineering inputs and convert into design layouts

COMMUNICATION & COLLABORATION

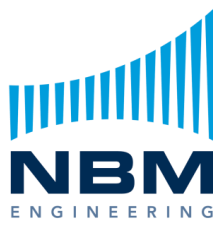
- Strong communication skills
- Ability to work with engineers, technicians, and field teams

FIELD & MOBILITY REQUIREMENTS

- Field work required for data collection
- Must use personal vehicle

WORKING CONDITIONS

- The role fundamentally depends on **accurate translation of real-world site conditions into engineering drawings**
- Requires seamless movement between: **Office** - producing detailed, scaled designs (AutoCAD, MicroStation), **Field** - validating measurements, collecting data (clearances, pole profiles, surroundings)



- Directly impacts: Design accuracy, Construction execution and Client deliverables and compliance

ADDITIONAL INFORMATION

- **Language of Work:** English
- **Work Authorization:** Eligible with valid Work Permit

COMPENSATION & BENEFITS

ANNUAL SALARY RATE:	45,000 to 95,000 CAD
BENEFITS:	Health, Dental and Vision
ADDITIONAL:	RRSP Match

HOW TO APPLY

Interested candidates are invited to complete:

- ☒ **Candidate Information Data Sheet** (required)

Please note: Applications will only be considered once both the Resume and Candidate Information Data Sheet have been received.

Join NBM Engineering and help shape safer, smarter, and more connected communities through innovative street lighting design solutions.

We thank all applicants for their interest. Only those selected for an interview will be contacted.

NBM Engineering is an Equal Opportunity Employer. Accommodations are available upon request throughout the recruitment process.