

**Overhead Specialist  
Engineering  
Transit City Department**

Reporting to the Head – Traction Power, you are responsible for developing program design standards for the overhead contact system to be implemented on the TTC's Transit City LRT program. Your responsibilities include: developing program design and performance standards for the overhead traction power systems; ensuring program standards are coordinated with individual Transit City projects; analyzing the operating and maintenance implications of alternative system components; developing standard and directive drawings to implement the recommended overhead contact systems; reviewing the technical design submissions by consultants and/or design build consortiums; assisting in the procurement of overhead contact system components purchased in bulk; preparing various recommendations and reports relating to your areas of responsibility; working cooperatively with counterparts in other TTC Departments and representing the Transit City program on all technical matters related to your expertise. You are responsible for treating passengers and/or employees with respect and dignity and ensuring the needs of passengers or employees with disabilities are accommodated and/or addressed (within your area of responsibility) in accordance with the Ontario Human Rights Code and Related Orders so that they can fully benefit from the TTC as a service- provider and an employer.

**Skills/Knowledge/Experience**

You have a sound knowledge of electrical/electronic engineering principles, methods and practices that would be applicable to state-of-the-art overhead contact systems used in North American LRT transit systems. Must have extensive experience in developing design and performance standards for the design, construction and testing/commission of overhead contact systems for rail transit operated at more than 70kph. Project management experience is an asset. Requires a strong technical understanding of applicable codes, regulations and legislation. Must possess sound judgement; well developed technical, analytical, problem solving, interpersonal, verbal communication and technical report writing skills. Must have or rapidly acquire a comprehensive knowledge of the Ontario Human Rights Code and Related Orders including disability accommodation and accessibility requirements pertaining to passengers and employees. These skills and knowledge would normally be obtained through the completion of a relevant post secondary diploma/degree, or the equivalent, combined with extensive experience in the design/maintenance of overhead contact systems in urban transit applications. OACETT certification is an asset.

**\*\*This position is required for the duration of Transit City Project only. To respond, please send your resume by July 13, 2010 quoting Ref.# 7592-CTEN in confidence to: Toronto Transit Commission, Human Resources, Transit City Department, 5160 Yonge St, Toronto, Ontario M2N 6L9; Email: TransitCityJobs@ttc.ca. When emailing, please include your resume in MS Word format.**

Committed to the principles of employment equity, the TTC encourages applications from Aboriginal people, people with disabilities, racial minorities, and women. We thank all applicants for their interest, but advise that only those selected for an interview will be contacted.