

# Reliability Engineer

## Port Hope Conversion Facility



### Position and Responsibilities

Joining a team of professionals responsible for various other asset management functions, you are the site champion and subject-matter expert for equipment & system reliability at the Port Hope conversion facility.

Reporting to the manager, maintenance and material handling, you will develop, assess and continually improve the reliability of new and existing physical assets on site. This is accomplished by owning, executing and evolving defined reliability engineering process and asset management plans with the objective to provide maximum plant uptime and performance at the lowest life-cycle costs. You will oversee the analysis of equipment failures and other related business losses and be responsible for corrective actions. Through the periodic review and optimization of the preventive maintenance program and other activities, you will contribute to the on-going effort to identify and exploit business efficiency improvement opportunities as they relate to asset management. You provide subject matter expert level technical support to production and maintenance management and technical personnel in the area of design change and design for reliability, and participate in value analysis, repair/replace, repair/redesign, and make/buy decisions.

### Education and Qualifications

Requirements of the position:

- Degree in mechanical engineering and professional engineer (P.Eng.)
- Results oriented self-starter with strong leadership skills
- Excellent communication skills; ability to work with employees at all levels of the organization
- Minimum 10 years of experience in a similar industrial setting

Assets

- Training and experience in reliability techniques such as RCM (RCM II certification preferred), RCA, Value Analysis, Statistical Process Control, Reliability modelling and prediction Fault Tree Analysis, Weibull Analysis, and Six Sigma (6 $\sigma$ ) Methodology
- Certification Level 1 or higher in Machine Lubrication, Thermography, Vibration, Ultrasonics etc.
- Certification by a recognized body such as SMRP (Society of Maintenance & Reliability Professionals - CMRP designation), PEMAC (Plant Engineering & Maintenance Association of Canada – MMP designation), and/or AMP (Association of Asset Management Professionals – CRL designation)
- SAP PM experience
- Lean certification or demonstrated experience

Job ID: 30408

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#### Safety Sensitive Site

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