

Quantiam Technologies Inc. has an advanced Research and Trial Manufacturing coatings facility in South Edmonton and in the process of designing and building a full-scale Advanced Manufacturing facility in Alberta. Quantiam operates in “TOUGH TECH” solving some of the world’s greatest materials-related challenges. We are an innovative and expanding company, offering new opportunities to motivated, hard-working and energetic employees wishing to make a contribution through Advanced Materials-Advanced Manufacturing and e-Fuels.

Position Title: Technologist I/II/III, Trial Manufacturing

Competition #: 4000-22

Compensation: **\$22.00-\$34.00/hr** (depending on experience); 40-hour work week; overtime applies; highly comprehensive competitive Benefits package; Group RRSP with matching Deferred Profit-Sharing Plan, plus a Performance Based Bonus.

Experience: Ideally 1 - 7 years of related industrial work experience; will consider new graduates.

Education: 2-year College Diploma in Nanosystems Engineering Technology, Mechanical Engineering Technology, Chemical Technology, Materials Engineering Technology, or related Science/Engineering-based College Diploma or partial University training.

Closing Deadline: Until Filled. The position will involve a minimum of a 1-year training period which may involve rotation assignment within pilot-scale Trial Manufacturing.

Brief Job Description:

Responsibilities include, with training, the operation of:

- Coating application equipment.
- Surface pre and post finishing equipment for preparation of components for coating.
- Other advanced trial manufacturing equipment.
- Operating material handling equipment (cranes, pallet jacks, etc.).

The work may also include:

- Operating metal surface preparation equipment such as grinders, polishers and grit blasters to remove Excess welds, rust, scale and other material from surfaces of metal parts, castings and other metal products.
- Preparation of components such as tubes and complex shapes for processing.
- Assisting in the characterization of novel advanced materials, surfaces, coatings and catalysts aimed at exploiting the properties of micro and nano structured materials, for use under extreme operating conditions such as high temperatures, or high wear environments. (ie: optical microscope, profilometer, hardness measurement, etc.)
- Transporting raw materials, work-in-progress and finished products either manually, or using cranes or other devices.
- Collection and recording of experimental and trial manufacturing data.
- Assist in the writing of Standard Operating Practice (SOP) documentation.
- Safe handling and storage of materials, some repetitive tasks.
- Reading and understanding Safety Data Sheets.

Skills/Work Experience Required:

- **Good mechanical aptitude** to operate equipment in manufacturing environment. Previous experience with hand and power tools. Experience with using forklift or cranes would be an asset.
- **Good physical ability** to move moderately heavy and/or bulky material using lifting equipment with care and attention to detail.
- **Computer experience**, strong skills with Microsoft Office (Word, Excel, Access, PowerPoint). Experience with computer design software such as Solid Works, Fusion or Auto Desk would be an asset.
- **Fluent in English** with excellent verbal and written communication skills.
- Experience with problem-solving. **Good analytical**, reporting and problem-solving skills.
- **Productivity** - able to plan and achieve a high level of productivity including the ability to accurately follow procedures and take direction.
- **Strong attention to detail** and organizational skills, with a flexible approach to work responsibilities.
- **Documentation:** Previous experience with, and accurate and timely completion of, required documentation.

Behavioural Skills Required:

- **Well-developed interpersonal skills** and must have strong understanding of and adherence to written and verbal instructions concerning general procedures.
- **Initiative and Motivation.** Must be a self-starter and highly motivated, able to work efficiently and independently as well as in a team.
- **Team orientated**, understanding and respecting the roles and contributions of each team member.
- **Positive attitude.**
- **Customer orientated**, provide quality customer service to internal and external clients. Being respectful of others and work towards common goal.
- **Strong willingness to learn** and train in an advanced materials environment with extensive use of chemicals, materials and advanced equipment and instrumentation.
- **Workplace Safety Compliance**, adheres to the highest standards of safety including using and wearing protective personal equipment appropriately.
- **Must have strong work ethic** with demonstrated accountability and reliable punctuality and work attendance.

Please forward to Human Resources a resume and cover letter in a Word document or a PDF document including competition number to Quantiam Technologies Inc. E-mail: careers@quantiam.com.

We thank all applicants in advance for their interest; however, only those individuals selected for an interview will be contacted.