

Quantiam Technologies Inc. is an advanced Research and Pre-Commercialization company (Technology Readiness Level TRL1-9) with a world-class facility in the Edmonton Research Park. Quantiam operates in “TOUGH TECH” solving some of the world’s greatest materials-related challenges. We are an innovative and growing company, offering new opportunities to motivated, hard-working and energetic employees.

Position Title: **Professional II/III/Senior, or a Senior Technologist - Trial Manufacturing**

Competition #: 4000-20

Compensation: **\$80,000 - \$105,000/yr**, depending on experience; 40-hour work week; highly comprehensive competitive Benefits package; Group RRSP with matching Deferred Profit-Sharing Plan and a Performance-based Compensation Plan of a 0-20+% bonus.

Experience: Minimum **7 years** of related hands-on industrial experience. Supervisory and Project Leadership experience would be an asset.

Education:

- B.Sc. or M.Sc. in Materials Science, Materials Engineering or Mechanical Engineering; or
- a 2-year College Diploma in Nano Systems Engineering Technology, Materials Engineering Technology, Mechanical Engineering Technology or Chemical Technology.

Closing Deadline: Open until Filled.

The position will involve a minimum of a 1-year training period, and which may involve rotation assignment within in pilot-scale Trial Manufacturing.

Brief Job Description: This position reports to the Manager, Trial Manufacturing in overseeing one or more unit operations. Responsibilities include, with training:

- Co-ordination of projects and Trial manufacturing campaigns in key unit operations that include surface finishing, consumables sourcing and manufacture, coating application and monolithic materials manufacture. Assist with co-ordination of scheduling of supplies and chemicals required for projects.
- Developing and executing schedules to maintain production timeliness for internal and external clients.
- Overseeing key unit operations of daily production in Trial Manufacturing facility.
- Assist with facility and equipment maintenance and operating issues as required.
- Write Standard Operating Procedures.
- Scaling and optimizing process manufacturing technologies for TRL6-9 to ready products for commercialization.
- Operate, maintain and train staff to ensure the safe and proper operation of complex Trial Manufacturing and materials handling equipment.
- Oversee documentation of experimental, trial and manufacturing data.

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.
- **Excellent written** documentation skills.
- **Exceptional planning, communication, and leadership skills.**
- **Good physical ability** to move moderately heavy and/or bulky material using lifting equipment with care and attention to detail.
- **Computer experience** that includes standard proficiencies and some 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 with good analytical, reporting and problem-solving skills.
- **Productivity**, able to plan and achieve a high level of productivity.
- **Strong attention to detail** and organizational skills, with a flexible approach to work responsibilities.
- **Safety Compliant**, must adhere to the highest standards of quality, reliability, and safety including using and wearing protective personal equipment appropriately.
- **Ability to advance structure and co-ordinate staff** to meet quality demands, meet timelines and deliverables required in an efficient and safe manner.

Behavioural Skills Required:

- **Positive attitude.**
- **Must have strong work ethic** with demonstrated accountability and reliable punctuality and work attendance.
- **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 oriented**, understanding and respecting the roles and contributions of each team member.
- **Customer orientated**, provide quality customer service to internal and external clients. Being respectful of others and work towards common goal. Driven to meet customer needs and timelines.
- **Strong willingness to learn** and train in an advanced materials environment with extensive use of chemicals, materials and advanced equipment.

COVID-19: All employees are to provide proof of FULL (Triple) vaccination for the safety of all of our Staff and Visitors. We thank all applicants in advance for their interest; however only those individuals selected for an interview will be contacted.

Please forward to Human Resources a resume and cover letter in either: (1) a Word document or (2) a PDF document, including competition number to Quantiam Technologies Inc. E-mail: careers@quantiam.com