



Advonex International Corp.

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Engineering Director, Advonex International Corporation

Brockville, ON

Skill Level:

Experienced Managerial

Position Type:

Full Time

Company:

Advonex International develops and sells sustainable ingredients for lubricants, cosmetics, personal care products and other markets. Produced using a patented process, our ingredients deliver performance that exceeds their petroleum-based counterparts at a cost-competitive price. Advonex’s platform technology creates cost-effective renewable white oils, base oils, waxes, and petrolatum that outperform ingredients that traditionally have been produced from petroleum. Winner of numerous awards for its sustainability and innovation, the company aims to make the world a better place by helping you improve your business with our science. **Our Science. Your Business. Better World.**

The cosmetic and personal care industry is aiming to eliminate harmful ingredients from its products – including petroleum-based ingredients. Until Entrada, there has been no viable source of paraffin wax and white oil for cosmetics use. We have zero traces of aromatics because of our process and feed stock used. Advonex International is addressing this industry with Entrada®-WAX (renewable paraffinic and microcrystalline wax), Entrada®-EM (paraffin) oils, and Entrada®-GL (“petrolatum”) that enables formulators to make “green and natural” cosmetics.

Position Overview:

The successful candidate will manage the activities of an engineering team consisting of internal staff and external contractors to design, construct and operate pilot-scale and full-scale facilities to produce lubricant and wax products for customers. Engineering Director will work closely with the R&D team to develop bench-scale production processes that can be effectively translated into production. The candidate will be familiar with chemical processes, industrial-scale process equipment, health and safety procedures, familiar with writing SOPs, equipment installation and operation. In addition the candidate will work with scientist & engineers to develop models of processes to predict economic viability in a production environment. The individual will work with internal and external teams to establish budget, timelines, and milestones, track progress, and report to senior management, directors and customers.

Reporting to:

President

Responsibilities:

- Supervise and lead engineers, scientists and technicians who design machinery, plan and develop projects, and oversee production and quality control.
- Check technical accuracy of work.
- Manage installation, operation and troubleshooting of pilot and production facilities.

- Develop and track project cost estimates.
- Direct and coordinate production, operations, quality assurance, testing, or maintenance in industrial plants.
- Oversee the research and development of new products and procedures. Coordinate activities with R&D team to achieve production results.
- Hire, train, and mentor other engineers and supporting staff.
- Write performance reviews and solve internal issues.
- Discuss and lay out project specifications.
- Support business development and marketing efforts through proposal development.
- Make detailed plans to accomplish goals.
- Review, approve, or modify product designs.
- Prepare budgets, bids, and contracts.
- Negotiate, review and recommend external research & engineering contracts.
- Draft proposals and reports for clients.
- Improve manufacturing processes and advance scientific research.
- Develop overall concepts for products.
- Establish administrative policies, procedures, and standards.
- Coordinate activities of unit with other units or organizations.
- Confer with higher levels of management.
- Set, manage and meet aggressive priorities and schedules.
- Provide timely project reports, presentations, documentation as required to customers, senior management and Board of Directors.

Qualifications:

- Degree in chemistry, engineering, or related discipline.
- 5+ years' experience in a supervisory role in an entrepreneurial setting.
- Deep knowledge of organic process sciences and engineering.
- Demonstrated track record in developing and scaling up processes/technologies from lab scale to pilot plant and/or production scale.
- P. Eng designation is desirable.
- Ability to develop technically creative solutions. Excellent problem-solving skills.
- Can work independently and as a part of an interdisciplinary, diverse team.
- Good computer, verbal and written communication skills.

Working Conditions:

Primarily in an office environment. Will be expected to travel as needed to visit contractors, vendors, pilot and production facilities. Periodic weekend or evening work is expected.

Send resume and salary history to hr@advonexintl.com with "Engineer Director" in the subject line.

No placement agency referrals will be accepted.