
Production Operator

MiAlgae applies leading advances in science and technology to improve food security and reduce the impact of humanity on the planet, combining purpose-driven innovation with a people-centered culture.

Company Profile

Founded in 2016, MiAlgae leverages cutting-edge science and technology to tackle global food security and environmental challenges. Our breakthrough innovation lies in eliminating the need for wild-caught fish as a source of Omega 3, by harnessing microalgae, a sustainable and potent alternative.

Our production process recycles by-products from the food and drink industry to grow Omega 3 rich microalgae, returning clean water in the process and supporting a truly circular economy.

We are proud to be a diverse, family-friendly and inclusive employer, committed to equity and belonging in everything we do. We welcome applications from all backgrounds and are open to discussing flexible working arrangements that suit both you and the role.

The Opportunity

Reporting directly to the Production Team Leader, you will work as part of the MiAlgae Production Team, contributing towards the successful commercialisation of the company's omega-3 product and development of future products.

Your primary responsibilities will include, but not be limited to, clean-in-place (CIP), Sterilisation-in-place (SIP) and operation of sterilisation equipment and bioreactors. You will prepare growth media to standard recipes, seed bioreactors with inoculum, perform routine sampling of product, all while conforming to quality control measures, maintaining records and safety procedures.

You will be expected to apply your experience and knowledge proactively to basic mechanical troubleshooting, completing standardised work methods and processes, reporting working progress to other members of the Production Team.

The role will require you to work flexibly and tackle problems either as an individual or as part of a team.

Working within a shift patterned production site, you will be expected to work efficiently, conscientiously and under the guidance of Production Team Leaders in order to meet time sensitive deadlines.

Key Responsibilities

- Carry out production site activities, including manufacturing equipment set-up and operation, CIP / SIP, facility cleaning and basic maintenance of equipment and services.
- Promote, adhere to, and actively support safe working practices and the site safety culture, ensuring all activities are carried out in accordance with safety policies, risk assessments, and permit-to-work requirements
- Contribute to the development and improvement of production and quality control procedures, carrying out administrative duties including accurate completion of batch records, shift reports, and process associated trackers.
- Monitor, collate and report process outputs and data adhering to good documentation practices.
- Carry out hygienic manufacturing activities, ensuring food safety standards are maintained.
- Support routine site maintenance and be part of a team to ensure production processes continue to run as planned.
- Be involved in cross-department interactions when required, to facilitate business improvement.

About You - Experience & Qualities

We are seeking driven and forward-thinking individuals with a flexible approach to work who are keen to make their mark within a rapidly growing award-winning biotechnology start-up company.

The ideal candidate will be educated to HND level with industrial experience in a production (ideally food and beverage manufacturing) facility preferably with practical knowledge in CIP, pasteurisation, fermentation, filtration, and or centrifugation.

You will need a keen eye for detail and be an excellent communicator with the ability to work independently and effectively within shift team. You will have a positive 'can do' approach and a keen interest in the use of biotechnology for the benefit of the environment.

Essential Experience

- HND level education (or equivalent practical experience) in a relevant field.
- Minimum 2 years' experience in an industrial production or manufacturing environment.
- Practical experience with production processes such as fermentation, CIP, SIP, pasteurisation, filtration, centrifugation, or similar operations.
- Experience working safely under Standard Operating Procedures (SOPs) in a regulated production environment.
- Good problem-solving skills, with ability to understand basic scientific and engineering problems.
- Ability to work effectively in a team, follow instructions, and communicate clearly.
- Strong organisational and time management skills to meet shift-based production deadlines.

Desirable

- Full, clean driving licence.
- Familiarity with GLP, GMP or regulated environments
- Experience with basic mechanical troubleshooting or equipment maintenance.
- Experience in food, beverage, pharmaceutical, or chemical sectors.
- Experience operating a forklift truck and holding a valid FLT licence
- Interest in biotechnology or sustainable production processes.

Details

Location: Based at MiAlgae's site in Grangemouth, Falkirk.

Employment type: Full-time (shift pattern working including nights).

What We Offer

- **Competitive Compensation:** A market-aligned salary (as noted). We reward high performance and business impact.
- **Holidays:** 32 days holiday per year (including bank holidays) to recharge and refresh, plus flexible working arrangements to support work-life balance. Additional annual leave per complete year of service – up to 5 additional days. Our holiday purchase scheme offers even more flexibility, allowing you to buy extra days when you need them.
- **Pension & Benefits:** 5% company pension contribution. We also offer a Cycle to Work and Electric Car salary sacrifice schemes. Free on-site parking is available for all employees.
- **Wellness Perks:** 50% company contribution to gym membership to support your health and wellbeing - terms apply. You'll also enjoy regular social events and team activities - because at MiAlgae, it's all about the folk and celebrating our successes together.
- **Growth & Development:** Join a high-growth, purpose-driven business where you can shape your own career path. We offer professional development support and opportunities to collaborate cross-functionally, helping you deliver results and make an impact.
- **Mission & Impact:** Be part of a pioneering biotech company delivering innovation with purpose - reducing reliance on wild-caught fish, supporting the circular economy, and driving a more sustainable pet food industry. Your work will directly contribute to creating a healthier planet.

Ready to Apply? If you're excited by the opportunity to help shape a more sustainable future, we'd love to hear from you.

Please send your CV and a cover letter explaining your interest to careers@mialgae.com.

Grangemouth Job Prioritisation Scheme (GJPS). If you wish to be considered under the Grangemouth Job Prioritisation Scheme, please indicate this when applying.

How to apply

Please provide your CV, cover letter explaining your interest to:
careers@mialgae.com