

Immediate Opening: Application Engineer

The Role:

We are currently looking for an **Application Engineer** with a strong industry background in the refrigeration who can apply these skills in a fast-paced commercial setting. The role will include working with the CCO to qualify the selected application markets and build the revenue stream. You will have an opportunity to develop cutting edge heat transfer technology which will revolutionise cooling, heating and energy generation systems world-wide.

The Company:

With world-wide use of air conditioning and other energy-heavy cooling systems growing year on year the demand on global generating capacity is becoming significant. New technologies need to be developed to find ways to reduce the demand and that where the nanoFLUX® coating comes in.

Oxford nanoSystems has spent five years developing nanoFLUX®, a ground-breaking coating technology, which has demonstrated substantial enhancements in heat transfer capabilities and are now looking to bringing the process to market. The coating can also be implemented into two phase cooling systems and significantly increase the efficiency reducing the energy demand.

New developments have also shown a need to improve energy supply and the process is being modified to improve geothermal, solar thermal and LAES systems.

We are looking for talented, motivated and self-directed people to join our informal, fast paced team.

Candidate Profile:

The ideal candidate has a degree, but relevant industrial experience will also be considered. They should be comfortable working both independently and collaboratively within a team of scientists, engineers and commercial people.

Main Duties and Responsibilities:

- Work with the CCO to qualify the selected application markets and build the revenue stream.
- Take ONS's inhouse lab and test results and apply these to real life systems.
- Quantify the added value ONS brings to the selected application markets in terms of power savings, increased capacities, reduced refrigerant charges etc.
- Engage with both Heat Exchanger and system manufacturers at a technical level to establish ONS in the market.



- Identify future potential markets ONS can apply our technology to.
- Manage relationships with the selected partners technical departments.

Essential Skills and Experience:

- Advanced knowledge of Refrigeration Theory & Practical Application.
- Minimum of 5 years' experience in one or more of the target industries.
- A proven background in applying refrigeration theory to solve problems and add value to systems and equipment.
- Extensive professional network in relevant sectors.
- A record of advancement in Engineering roles.
- Excellent communication skills.
- Energy and enthusiasm.
- Proven ability to work within a small team.

Desirable Skills

- Basic knowledge of Organic Rankine Cycle.

Apply Now:

Please email your CV and cover letter outlining your interest in this role to recruitment@oxfordnanosystems.com.

Please ensure that you have the right to work in the UK before applying to work with us. We are based in Oxfordshire (Harwell Campus and Abingdon Science Park).

This is a full-time (37.5 hours/week) permanent position based primarily in Harwell. Compensation is highly competitive and commensurate with experience.