

# Engineering Project Manager



Category

Engineering



Based in

Lancaster, UK



Line Manager

Chief Engineer



Salary Range

Up to £45,000

## About Us

NanoSUN is a fast-growing start-up company that provides hydrogen fuelling equipment and green hydrogen fuel to the fuel cell industry. The company has built and sold small scale prototype equipment for hydrogen refuelling to multiple customers and segments. It has secured funding to commercialise small scale refuellers and develop a range of mobile hydrogen refuelling stations for trucks, buses & cars. In December 2020, NanoSUN completed its first large-scale refueller prototype and received €2.5 million in European Innovation Council funding to support development of this system, and subsequent field-trials. NanoSUN is an expanding company, with the current team made up of highly experienced industry experts coupled with graduate, PhD and post-doctoral engineers and scientists.

NanoSUN is now working on its first large volume product, developing engineering designs and manufacturing systems in order to meet the needs of a growing customer pipeline. The order book for commercial units is full in 2022, with significant growth expected in 2023.

Based in Lancaster, we are uniquely placed close to the Lake District National Park, and the small city of Lancaster for local amenities, good schools and outstanding natural beauty.

## About the Role

The Engineering Project Manager will be responsible for the coordination of all engineering activity, across the portfolio of product development, product sustainment and manufacturing and field support. The Engineering Project Manager will reside within the Design Engineering team, with line-management being provided by the Chief Engineer. However, the Engineering Project Manager will have a “dotted” functional reporting line into the Master Scheduler residing within the Manufacturing and Operations team. This ensures ongoing coaching and support from the PMO (Project Management Office) with a focus on professional and personal development. This organisational structure also ensures good two-way communication and coordination between Design, Manufacturing and Operations.

The Engineering Project Manager is tasked with bringing structure to the work of the Design Engineering team; this is critical in order to support the effective on-time delivery of world-class products and projects which are often being worked in parallel by the technical team.

The Engineering Project Manager will use a combination of tools and methods ranging from long term strategic planning and budgeting through to short-interval-control in critical project phases. The Engineering Project Manager will support the Chief Engineer in keeping track of key deliverables and KPIs and will define the corrective actions necessary where deviations from planned schedules are seen. The successful candidate will also be responsible for the Project Risk Registers, ensuring these are correctly

populated with the technical team, that they are kept up to date through projects and that suitable mitigations are actioned in order to reduce risk to “ALARP” levels within the product development cycle.

The Engineering Project Manager will be assisted by strong background processes developed within NanoSUN, which follow the industry standard “APQP” approach.

Key responsibilities include:

- Responsible for working with the Chief Engineer to develop the long-term Portfolio Plan and Engineering Team budget, across all projects and products NanoSUN produces
- Responsible for developing robust project plans and schedules for active projects, working alongside the technical team, including:
  - Generating robust Statements of Work
  - Work Breakdown Structure Generation
  - Organisational Breakdown Structure Generation
  - Project timescale and budget estimation
  - Project Schedule creation
- Accountable for tracking projects to agreed project baselines and reporting on their progress
- Accountable for generating resourcing plans for projects, working alongside the Technical Department Heads and Chief Engineer
- Collaboration with the Manufacturing, Operations and Supply Chain teams in order to integrate design, procurement and manufacturing plans. This could include management of supplier timescales
- Accountable for the Project Risk Registers, supporting by the technical engineering teams in order to keep an up to date picture of risk on a project-by-project basis; responsible for driving mitigation activity
- Responsible for the Project Management aspects of internal procedure QP04 – Design Development, collaborating with the Chief Engineer in order to ensure compliance

## About You

- An academic background in a technical discipline at BEng level or equivalent is essential
- APM (Association of Project Managers) PMQ certification or equivalent preferred
- Relevant industrial experience across a range of project types
- Relevant and successful experience of working within project teams
- Independent approach to assigned work, good at working in highly dynamic environments, where requirements, processes and regulatory frameworks are subject to regular change
- Strong prioritisation and time management skills, managing a dynamic and diverse task portfolio
- Strong analytical and numeracy skills
- Strong problem-solving skills with high attention to detail
- Excellent written and verbal communication skills
- Excellent task visualisation and analytical skills
- An understanding of design development processes, with experience in the use of APQP preferable
- An understanding of manufacturing processes and construction methods
- Ability to plan and organise through several project stages
- An appreciation of wider business demands
- An awareness of the environmental impact of design ideas

## What we Offer

- Salary Range: Up to £45,000
- Pension Scheme
- 27.5 holiday plus bank holidays
- Flexible working
- Free on-site parking
- Opportunities for professional development
- Cycle to work scheme
- Discounted staff membership to onsite gym
- Tree planted for every new employee

## How to Apply

To apply please email the following to [recruitment@nanosun.co.uk](mailto:recruitment@nanosun.co.uk) stating the job title in the subject line.

- A full CV
- Current remuneration details
- Confirmation of your eligibility to work in the UK

We are an equal opportunities employer and welcome applications for all suitably qualified persons regardless of their race, sex, disability religion/belief, sexual orientation, or age.