



Chief Engineer, Industrialisation

Salary: £80k - £100k depending on experience

Location: Croydon

Duration: Permanent

Start: ASAP

The Company

Dearman is a global technology company delivering clean 'cold and power'.

Dearman's cutting-edge technology uniquely harnesses liquid air to deliver zero emissions power and cooling. It is developing a portfolio of proprietary technologies, products and services, which deliver significant reductions in operating cost, fuel usage and emissions, at low capital cost.

The first application of Dearman technology, to provide sustainable and efficient transport refrigeration, is currently undergoing trials.

The company is building an international reputation for innovation, rigour, commercial acumen and engineering excellence, all to fulfil its primary objective - to make the world a cleaner, cooler place.

Job Summary

This is a senior executive role, with end-to-end responsibility for the delivery of our technology from field trials to global volume production. You will report initially to the Chief Technology Officer, and access all of the group's resources and partnerships. Your first project will be the delivery of a truck refrigeration system product, prototypes of which are about to enter field trials. You will lead the delivery of the system into production, working with manufacturing partners and a supply chain that you will help us to select. We are targeting an initial product volume of 10,000 units per year from 2018, with expansion thereafter possibly including replication of the production process in other facilities.

Responsibilities:

- Directing, planning and tracking the progress of the industrialisation activity, maintaining delivery to project timing, cost and quality standards, and reporting of progress to the CTO and Board
- Overseeing and reviewing the activities of the project team, and providing guidance and direction towards achieving project objectives
- Working with project partners and suppliers of systems or services as well as customers, to deliver a product that meets customer requirements in terms of specification, CapEx, OpEx, quality and reliability

- Holding responsibility for the working of the relationship with the manufacturing partners and suppliers, including control of quality and delivery, and overseeing their performance
- Supporting the Chief Technology Officer in the development of high level business plans, budgets, processes and new initiatives

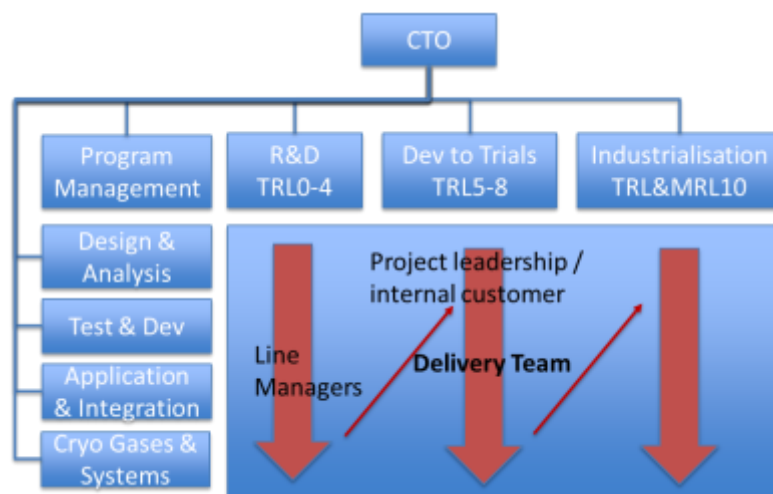
Person Specification

Skills and qualifications:

- Degree level qualification in engineering (electrical, mechanical, automotive or aerospace)
- Significant experience of industrialisation program direction and delivery in an innovative engineering product environment, including progression from technical readiness to manufacturing readiness, and successful application of New Product Introduction processes, including design and manufacturing validation, supplier management, launch planning and post-production support
- While not essential, experience of the following may be of benefit:
 - Internal combustion, Rankine-cycle or other forms of heat engine
 - Cryogenic or high pressure industrial gases or fuels
 - Refrigeration or air conditioning
 - Prince2 or similar project management systems, ISO9001
 - Pre-revenue, start-up or innovation environments

Organisation chart

Our structure has four function groups serving the needs of three streams of engineering activity led by Chief Engineers. The parallel R&D and Trials functions incubate technology through one or two design-develop iterations to Technology Readiness Level 7-8; the Industrialisation role then takes each application of the technology through the process of manufacturing readiness advancement, up to Start of Production and





beyond. As our core philosophy is to only develop the technology in a form that can be manufactured, you will also be influential in the R&D and Trials stages.

Application deadline: 7th April 2017

Please note, we will take all relevant experience into account when considering your application. To apply for this position, please submit a CV and cover letter addressing how you meet the criteria set out in the person specification to careers@dearman.co.uk. We may appoint before the deadline.