



## EXXFIRE™ - Securing Hardware

EXXFIRE develops and sells fire suppression systems for ICT and electrical hardware based on Cool Gas Generator Technology, a pressureless gas storage technology that was originally developed by TNO Defence and Security for ESA to propel satellites. This technology has the potential to replace pressurized gas cylinders in gaseous fire extinguishing systems worldwide.

EXXFIRE is an ambitious scale-up company that has successfully launched its first products in the market and has an ambitious growth strategy. In order to realize our goals we seek people to complement our team, which consists currently of 6 full timers and 2 part-timers.

Are you the person we are looking for and do you have the relevant experience?  
Please apply to the below mentioned job.

### Mechanical Design Engineer

We currently have an excellent opportunity for an experienced Mechanical Design Engineer to join the team at a rapidly growing start-up company in Noordwijk.

Working with a small multi-disciplined team of talented people you will design products from concept to manufacture.

### The Role

Tasks and responsibilities will include:

- Lead the mechanical design activity within the team
- Develop innovative products from sketch to prototype to production
- Test products
- Reduce cost of manufacture by evaluating and re-designing existing products
- Work closely with the assembly department (production)
- Support quality control of manufactured products
- Maintain relationships with suppliers
- Provide technical support throughout project life cycle

### The Person

Technical

- Degree in Mechanical Engineering
- At least 5 years working experience in mechanical design engineering of innovative products
- Experience in:
  - Using CAD systems (AutoCAD/Inventor/ Similar packages)
  - Design of sheet metal structures



- Configuration/version management
- Sourcing (procurement) of mechanical parts and assemblies
- Mechanical strength calculations (FEM)
- Good practical skills – as a start-up we all fulfil many roles
- Familiarity with relevant standards (such as pressure vessel codes)
- Knowledge of manufacturing processes such as casting, machining, welding, cutting, painting etc
- Good PC skills using MS Office (Outlook, Powerpoint, Excel)

#### Personal

- Problem solving culture
- Hands-on
- Self-motivated with a methodical approach to work
- Excellent communication skills, and friendly approach
- Ability to work in a multi-cultural working environment
- Excellent written and verbal English communication skills

#### Contactperson:

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