

# Senior Mechanical Engineer

## Position summary

The Senior Mechanical Engineer will report to the Head of Engineering for one of Moltex's Stable Salt Reactor (SSR) development projects. The successful candidate will be responsible for the scoping and delivery of key mechanical design packages.

**Position:** Senior Mechanical Engineer

**Status:** Permanent, full-time

**Location:** Birchwood, Warrington, UK

**Reports to:** Head of Engineering, UK

**Apply:** Please submit a resume and cover letter to [careers@moltexenergy.com](mailto:careers@moltexenergy.com) and indicate the job title in the subject line.

## Responsibilities

- Oversee the structural design of tanks and other mechanical components operating at high temperatures (in excess of 700°C) in a radiation environment
- Scope mechanical design and substantiation packages
- Support the Head of Engineering in determining ways to substantiate the functionality of the mechanical design
- Identify the appropriate codes and standards to provide substantiation
- Preparing and evaluating tenders for mechanical design and substantiation packages
- Manage the technical scope and quality of subcontracted mechanical design and substantiation packages

## Skills, qualifications & experience

- Degree qualified mechanical engineer or related experience with significant number of years of relevant experience
- Excellent verbal and written communication and presentation skills
- Good working knowledge of civil engineering design practices and the interface between civil and mechanical structures
- Demonstrable ability to collaborate with team members and reach a consensus on the way forward
- Ability to thrive in a rapidly changing environment
- Solid MS Office 365 skills
- Chartered engineer status would be considered an asset
- Proficiency in the use of engineering design and modelling tools including CAD an asset

## What Moltex offers...

Moltex boasts a diverse team of professionals collaborating daily across time zones. For those on board, it is going to be a challenging and rewarding journey. The office is located in Birchwood, Warrington with various nearby amenities. Moltex employees have access to a full range of benefits including:

- 25 days annual leave
- Learning and development resources
- Excellent growth opportunities
- 8 statutory holidays
- Company pension scheme with options
- Free, secure onsite parking
- Close to travel networks with free shuttle links

**Moltex is an equal opportunity employer.** Moltex prides itself in having a team that promotes diversity, inclusion, leadership, mindfulness, high initiative, energy and passion.