

Chemical Engineer

The Company

BHR Group has led the field of fluid engineering for over 70 years. Specialists in understanding how fluids behave and how they interact with their surroundings, we take a problem solving approach to design, develop, validate and optimise industrial processes for the benefit of our clients. Established in 1947, and privately owned since 1989, we are based in Cranfield, Bedfordshire.

The Opportunity & Applicant

We are looking for experienced chemical process engineers with a technical specialisation in one or more of the following areas:

- Industrial process mixing
- Chemical reactor design
- Process intensification
- Nanoparticle manufacturing processes
- De-aggregation/de-agglomeration of fine particles
- Complex rheology
- Slurry transport
- Industrial chemistry

Applicants should possess:-

- MSc or PhD in Chemical Engineering, or similar engineering discipline with a solid knowledge of fluid dynamics

The following attributes are essential:

- Competence in experimental testing, accurate reporting of results and data analysis
- A practical aptitude
- Good verbal communications
- The ability to write clear reports
- The ability to organise themselves and to prioritise competing targets
- Ability at planning & project management
- Evidence of working within multi-disciplinary teams
- A willingness to work within tight timescales

The following attributes would be advantageous

- Programming skills
- Proven experience in using mesh generation tools, commercial CFD software (preferably ANSYS Fluent, Star-CCM+ and OpenFOAM) and/or FEA (preferably ANSYS Mechanical) and developing UDFs

Rewards

- A challenging and stimulating environment working on technically innovative projects
- A competitive remuneration rate is offered
- BHR Group supports its staff to achieve chartered status of relevant institutions
- Situated on the Cranfield University campus, we enjoy access to a wide range of social and recreational facilities as well as learning resources

To apply

Forward your CV/resume to Mary Harris, HR Administrator, at engchem@bhrgroup.com

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