

Corporate profile



Who we are

BHR Group is an independent industrial research and technology organisation specialising in the application of fluid engineering to industrial processes.

A multi-disciplinary company, we help customers from many industrial sectors, selling the Group's services and products globally through our market focussed businesses.

A privately owned company, we grew out of BHRA (The British Hydromechanics Research Association), one of the founding Research Associations established by the UK government in the late 1940's.

What we do

BHR Group helps customers maintain their competitive edge by providing independent and impartial expert advice, specialising in technical services and knowledge transfer.

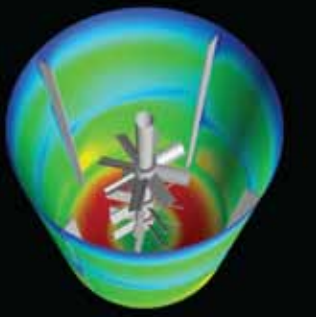
We develop knowledge on fluid behaviour and its application to your business via new designs, operating processes, services and products.

How we do it

Work closely with you to understand your business needs.

Develop solutions and apply our knowhow.

Add value to our customers through technology transfer and exploitation of our intellectual property.



Our services

Engineering Consultancy

Our technical experts apply their knowledge alongside our physical and mathematical modelling capabilities. We carry out design studies, technical reviews and simulations of your processes as well as providing troubleshooting and process optimisation, to advise you on design or operational issues.

Contract and Collaborative Research

We work with individual companies, industrial groups and wider partnerships. Our research programmes deliver radical improvements to current design, operating practices and testing standards.

Computational Modelling and Simulation

We apply simulation tools such as CFD, FEA, and in-house mathematical models to gain a better understanding of the hydraulic, chemical or mechanical behaviour of fluid systems.

Physical Modelling

We have a custom built laboratory and can design and build physical models to test and optimise the performance of a wide range of processes. Our expertise in scaling hydrodynamic behaviour allows us to produce representative models at lab scale where full scale modelling is not practical. We have developed a wide range of specialist experimental measurement techniques and instrumentation, which we employ alongside industry standard techniques.

Qualification Testing

We maintain open-access test facilities that are available to customers for research, testing and product qualification.

Product Development

Our engineering design teams can enhance or optimise the design of new or existing products and processes. We develop programmes for prototype testing and can manage the complete development cycle.

Technology Transfer

We have a dedicated events team who run international technical conferences, specialist training courses and engineering workshops. These are led by technical experts both from within BHR Group and around the world.



We work in

Speciality Chemicals and Pharmaceuticals
Water, Waste Water and Desalination
Nuclear and Fossil Power Generation
Food, Beverage and Personal Care
Defence and Aerospace
Renewable Energy
Power Generation
Nano Dispersion
Oil and Gas

We offer you

Independent and impartial expert advice.

A multi-disciplinary approach to address complex engineering challenges.

Access to a global network of technical specialists.

Complete client confidentiality and protection of Intellectual Property.

Engineering solutions from Nano scale and upwards.

Contact us

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