

Kraftanlagen Heidelberg GmbH

For more than 40 years Kraftanlagen Heidelberg is active in the different areas of nuclear technology. New competences were acquired, deepened and established through the experiences. Particular the close connection with many research centers requires always innovative developments and strategies during planning and execution of projects in the nuclear environment. The treatment and interim storage of accumulating radioactive waste as well as broad radiation protection services complete our portfolio. Our numerous reference projects show us as reliable partner for research and development.

We develop tailor-made service packages and build facilities for you with innovative solutions and state-of-the-art technology. It is our aim to work out high-quality solutions that are always individually and perfectly fitted to our customers' needs. After decades of experience we are a proficient partner accompanying through authorization processes of any kind. Our customers can rely on us sticking to all relevant laws and guidelines such as KTA and ASME.

Our calculation department develops simulation approaches for reality through structural analyses. Component structures are significantly influenced in their operational lifetime by different factors, like design of construction, manufacturing and installation, application and stress within systems and facilities.

With the aid of software solutions structures can be optimized already during planning stage. Stresses can be determined more precisely through specific analyses like flow simulations or temperature field calculations and hence a more profound statement on potentially relevant damage mechanisms is possible. The results can be used in particular for the more precise determination of safety margins as well as for the preventive maintenance and stock of spare parts.

Our strength in consulting and planning is based on the internal structure of our special departments and the cross connections between the single divisions that are characterized by short distances and high flexibility. The result: Economically reasonable and technically well-engineered solutions – for your asset.