Good design and maintenance of your industrial processing plant can improve reliability, and increase profitability and value along the supply chain.

Our clients are in the business of processing, refining, handling, manufacturing or treating petrochemicals, gases, water, waste, bulk materials, minerals, food products or manufactured products for use in other processes or for sale to others. They are looking to either expand their business, increase production, reduce bottlenecks, manufacture new products, improve efficiency and reliability, upgrade to new technologies, or refurbish or repair their plant.

Our services range from machine engineering and finite element analysis to fully integrated, multi-disciplinary industrial plant design.

Services

- Mechanical plant specification and detailed design
- Plant operating and control system design
- Pressure vessel and piping design, specification and stress analysis
- Fluid pumping, handling and storage equipment design and specification
- Machine integrity and reliability assessment and analysis
- Power drive and transmission specification and selection

We utilise the latest 3D modelling software for each phase of project design development, from conceptual to definitive design, right through to the production of documentation for construction. We’ll customise our work methods to suit our clients’ project development strategy and we are accustomed to roles in a wide range of contractual relationships, including: due diligence, design consultancy, independent inspection, EPCM, EPC, D&C, owner’s engineer, and strategic alliances.

To learn more, contact:
www.ghd.com/plant-engineering