

# FINGLOW CONSULTANTS LTD

.....for reliable engineering solutions

## MECHANICAL DESIGN ENGINEER

The successful applicant for this position is likely to have gained a good degree in Mechanical Engineering and to have between two and five years' experience in the design and assessment of pressurised equipment. A knowledge of PD5500 and/or ASME VIII-1 pressure vessel design codes is a prerequisite as is a solid grounding in stress analysis and the mechanics of materials. Competence with the Microsoft Office suite of programmes is essential, and experience with the following commercial software packages would be beneficial:

- FINGLOW
- AutoCAD
- Caesar II

Applicants able to demonstrate a working knowledge of one or more of the following would be considered to have an advantage in the selection process:

- The PED
- Bolted flange design
- Fatigue assessment procedures
- Shell and tube heat exchanger design and construction
- Piping design to ASME B31.3
- Material behaviour at high temperatures
- Storage tank design

The engineer taking up this position will be expected to be able to plan and report their work in a logical manner and to complete assigned tasks to agreed timescales. They will also be expected to be able to read and prepare/supervise the production of engineering drawings as project workloads dictate. Good communication, self-motivation and a conscientious attitude will all be necessary to succeed in this role.

**If you would like to be considered for interview for this position please send your CV, together with a letter/e-mail of introduction stating your salary expectations, to Steve Baldwin at the address below.**

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