

# FINGLOW CONSULTANTS LTD

.....for reliable engineering solutions

## FINITE ELEMENT ANALYST

The successful applicant for this position is likely to have secured a first or a 2:1 in Mechanical or Aeronautical Engineering and to have a minimum of two years' experience in the practical application of FE analysis methods to engineering problems. Knowledge of specific FE software packages is less important than the ability to carry out a logical appraisal of analysis requirements and systematic assessment of analysis results. The ability to present the results in a clear and efficient manner, both verbally and in writing, is equally important.

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:

- ASME VIII-2 design-by-analysis procedures
- PD5500 design-by-analysis procedures
- Fatigue assessment
- Fracture mechanics
- Material behaviour at high temperatures

From the outset the engineer taking up this position will be required to participate in a wide range of design and analysis based projects for clients in the petrochemical, oil & gas, nuclear, marine and pharmaceutical industries. The ability and/or the potential to be able to provide sound engineering solutions requiring the use of linear elastic stress, thermal, dynamic and non-linear stress analysis methods will 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 Richard Green at the address below.**

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