

## Electrical Engineer - Functional Safety

Ref # 2012\_A03  
18 January 2012

Utilise your experience in risk assessments and problem analysis

Great opportunity to expand your skills in functional safety

Work across a varied customer base, including mining

### Summary

Advitech is seeking a qualified engineer to join our Risk and Functional Safety group. This Newcastle based role will suit an electrical engineer who is experienced in risk management, and has a desire to expand their skills in functional safety

### The Role

The role will involve the following key activities:

- Facilitating risk workshops including SIL, FMEA, LOPA and HAZOP
- Preparing project documentation with analytical and technical robustness
- Preparing cost estimates and proposals for new opportunities
- Coordinating project scopes of works, budgets and schedules
- Managing relationships with existing clients
- Being an active member in creating and maintaining good team and customer relations

### Essential

To be successful, you will possess the following:

- Degree qualification in engineering, preferably electrical
- Minimum 10-15 years experience, with emphasis on industrial machinery and / or electrical control systems
- Experience in technical audits, hazard identification, risk assessment quantification and mitigation techniques
- Demonstrated experience in technical investigations including problem analysis
- Demonstrated high level technical report writing skills
- Knowledge or experience in the fundamentals of functional safety
- Effective time management skills
- Current drivers licence

### Desirable

The following additional skills would be advantageous:

- Functional safety credentials
- Demonstrated workshop facilitation experience

### Position

Permanent Full Time

### Reports to

Lead Engineer - Risk and Functional Safety

### Location

The Advitech Group Headquarters, 7 Riverside Drive, Mayfield West (**Newcastle**)

For more info call **Mike Taylor** on 02 4924 5400  
Submit your application to [recruitment@advitech.com.au](mailto:recruitment@advitech.com.au)