

* Careers in engineering

- 1 test technician
- 2 debug technician
- 3 toolmaker
- 4 production planning and control technician
- 5 design engineer/production engineer
- 6 installation/service technician
- 7 design engineer/electrician
- 8 installation engineer

- 1 Test/Laboratory technician
- 2 Inspection technician
- 3 Fitter
- 4 Design engineer
- 5 Machine operator
- 6 Installation engineer

Useful questions would include:

- 1 How old are you?
- 2 Where were you educated? / Where did you study?
- 3 What qualifications have you got?
- 4 What kind of work do you do?
- 5 Who are you responsible to?
- 6 How do you feel about your job?

1d Machine tool development
litter

2c Toolmaker

3e Foreman/woman

4b Systems analyst

5f Applications engineer

6a Methods engineer

1 Machine tool development fitter

One of the reasons I enjoy my job is that it's always changing. There is always something new in engineering and that's one of the things I like about it. In this factory, where we've got several different types of machining, we can get to know a lot about a lot of different machines and that's what I enjoy most of all.

2 Toolmaker

I really enjoy the job. I like working with my hands as I always have. And I really like seeing a finished product. I like taking care over making it - and making it look nice.

3 Foreman

As for the other side of my job - the not so good side - there's only one thing that gives me no pleasure and that's the inevitable need for the disciplining of others. It's always very difficult to say to someone, 'That's enough! You've got to go!' But it's necessary sometimes and it has got to be done. You can't shirk it. but I can't disguise the fact that it's not something that I ever enjoy doing.

4 Systems analyst

In my job you could be working all hours of the day or night. If a system is needed urgently, there is no question of knocking off at the usual time. You can find yourself working through the night

5 Applications engineer

At present we're busy getting sample pumps ready for a customer so that we can do some endurance tests to see whether they're capable of doing what the customer expects of them. From the tests I do, I have to assess whether or not the pumps can go to the customer.

6 Methods engineer

Basically, we look after the production of parts. We do the planning for every new component: how they're going to be manufactured - what methods and what machines are going to be used to make them.

We're also responsible for specifying new equipment and new machines-gauges, tooling, modifications to tooling and gauges, and we generally look after production. We have to make sure everything runs smoothly. There is - there has to be-a good liaison between a foreman and ourselves so that if he has a problem of some kind, he knows where he can come to get it solved. And when he does come, hopefully we can usually sort it out for him.

