

# How to become a... Graduate Process Engineer

## What is a Graduate Process Engineer?

A Graduate Process Engineer will assess results using analytical equipment and appropriate software packages, undertake problem solving and trouble shooting in the areas of Process Demonstrations, Process Development and Field Support.

## What does the role entail?

A Graduate Process Engineer at SPTS will be involved in the day to day process tuning and working on sample sets for customers.

They will provide regular updates on the progress of demonstration/sample work while developing good customer relationships. They will contribute constructively to the work of project teams for new products and processes. They will be responsible for writing technical reports for patent applications and technical papers for publications at conferences and seminars.

## What qualifications do I need?

You should be educated to at least degree level in a relevant Science or Engineering subject. Higher degrees (Masters or PhD) are an advantage.

“SPTS provides an enjoyable atmosphere to undertake interesting yet challenging work, allowing me to use my existing practical skills whilst learning quickly on the job”

Alex  
Graduate Process Engineer



## Isabella, Graduate Process Engineer

### How did you come to work at SPTS?

After uploading my CV to various job sites, a recruiting agent contacted me regarding the role and passed my CV to SPTS who selected me for an interview.

### What does your job involve?

My job is to prove that SPTS equipment can do what each customer requires for their specific application. I develop PECVD (plasma enhanced chemical vapor deposition) processes to achieve the agreed specifications. This involves tuning various process parameters such as electrode spacing, power, gases used, gas flow and

pressure. The processed wafers are then inspected and measured using a variety of analysis tools, and I prepare a report for the customer. There is also the opportunity to travel to overseas customer sites to assist with qualification of the new systems and new processes.

### What subjects did you study?

I studied A Level Chemistry, Maths and English Literature

### What qualifications do you have?

I achieved a MChem(Hons) from Manchester University