



**TECHNICAL ASSISTANT
BACK END OF LINE
TECHNOLOGY DEVELOPMENT CENTRE, GODMANCHESTER**

In this role you will provide support to the Back End of Line group by carrying out reliable and timely execution of experiments to determine key process variables for a robust and reliable process. You will be responsible for maintaining and responding to process controls, reducing process variation and supporting continuous improvement in the areas of cathode deposition. You will also execute experiments to explore dependence of Light Emitting Polymer (LEP) device performance on device structure.

Fabricating devices using spin-coating, vacuum deposition and encapsulation/bonding techniques, you will work with the Back End of Line Engineers to integrate novel outcoupling architectures. Your role will include testing devices using a range of electrical and optical techniques, reflectivity and goniometric emission profiling. Device results will be analysed and reported using in-house software and Excel. In addition, you will be required to produce and deliver presentations to internal and external meetings.

You will ideally have a degree in Materials Sciences, Physics or Engineering plus experience of working in a laboratory and/or clean room environment. Previous knowledge of working with vacuum processing equipment would be preferred as would experience of microscopy and other thin film metrology.

With exceptional interpersonal skills, you must be able to work on your own initiative and have good organisational skills and strong attention to detail. You should be able to prioritise effectively and work unsupervised for long periods without losing touch with the aims of the team. In addition, you will have an aptitude for proactively solving technical problems, whilst knowing when to seek expert assistance and will be able to react quickly and appropriately to changing priorities and unexpected demands.

With strong computer literacy, you should be familiar with Microsoft Office products, especially Word, Excel and PowerPoint. Knowledge of statistical software packages would also be beneficial.

This is an outstanding opportunity to be part of a dynamic environment where your contribution will earn full recognition and reward. CDT offers a competitive salary and benefits package including 27 days holiday, private health and dental care, life assurance and pension scheme. Please apply with full CV to: The Human Resources Department, CDT Ltd, Building 2020, Cambourne Business Park, Cambridgeshire CB23 6DW. E-mail: careers@cdtltd.co.uk. Please quote the reference 'TA BEOL' in the subject heading.

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