

Dussmann

TECHNICAL SOLUTIONS



Electrical Instrumentation Apprenticeship

Start your career with STS Group
and earn as you learn!

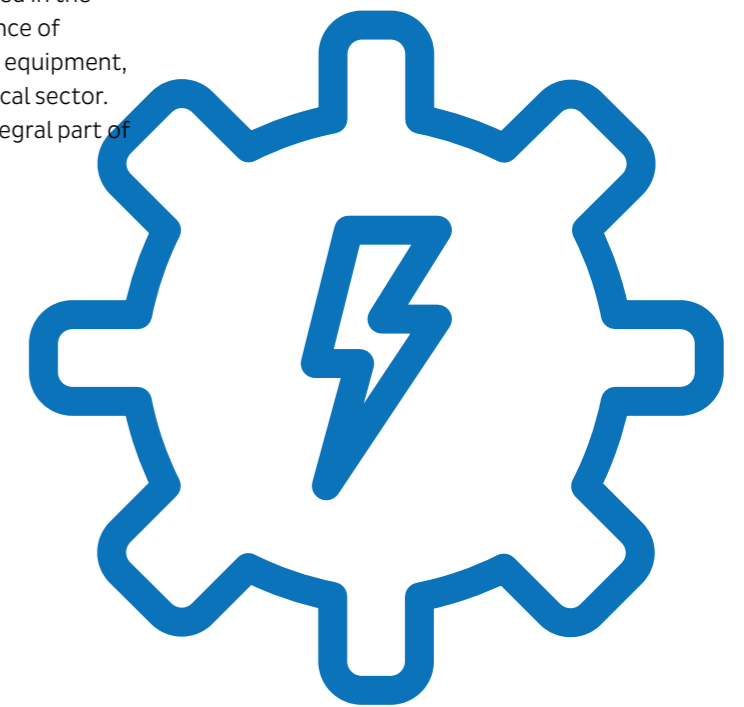
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What is Electrician Instrumentation?

The Electrical Instrumentation craftsperson is involved in the installation, testing, commissioning, and maintenance of various wiring systems and services within the commercial and industrial sector. Their work also includes the maintenance and repair of all instruments used in the measurement and control of process variables (e.g. in the chemical industry to measure and control the temperature, pressure and flow, as appropriate, in various points of the process). Electrical Instrumentation craftsperson's are employed in the installation and maintenance of measurement and control equipment, mainly in the Pharmaceutical sector. That is why they are an integral part of the STS team.

The Electrical Instrumentation Apprenticeship is a great option for candidates that are academically strong but also enjoy being hands on!



ELECTRICAL INSTRUMENTATION APPRENTICESHIP - PROGRAMME OVERVIEW

STS Group Apprenticeship Programmes.

STS Group, currently offer two Apprenticeship Programmes, Electrical and Electrical Instrumentation. Our programmes are registered with SOLAS the governing body for apprenticeships in Ireland. Each programme offers the opportunity to work on projects in Ireland and Internationally.

Electrical Instrumentation Apprenticeship Prerequisites

The minimum age at which you can commence an Apprenticeship is sixteen. If you are under eighteen your parent/guardian must sign your application form to confirm they are happy for you to proceed with the programme. The Electrical Instrumentation apprenticeship is more maths and physics focused and requires more college time.



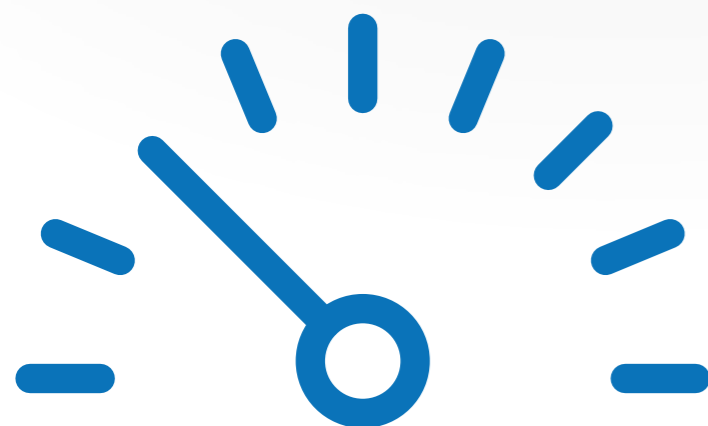
The other requirements include:

- Leaving Certificate with 5 passes including either pass at higher level maths or O2 and above in ordinary level maths
- Available to travel nationwide
- Hold a valid Safe Pass & Manual Handling card
- Ishihara colour blind test – required as part of your registration



ELECTRICAL INSTRUMENTATION APPRENTICESHIP

What does the programme involve?



Did you know Electrical related Apprenticeships make up over 50% of all craft apprenticeships in Ireland!

The overall duration of this apprenticeship is a minimum of four years. On successful completion of this programme you will be awarded the internationally recognised Level 6 Advanced Certificate Craft - Electrical Instrumentation.



The Electrical Instrumentation Apprenticeship programme consists of seven phases and are a mix of on the onsite and offsite training.

During the employer based phases you will be working alongside an experienced Instrumentation Technician. The offsite training is college based with phases two and four being slightly longer compared to the Electrical Apprenticeship.

Electrical Instrumentation Apprenticeship Phase Breakdown:

Phase 1: onsite <ul style="list-style-type: none"> • Induction Training • Health & Safety • Tools & Equipment • Basic Skills 	Phase 2: offsite <ul style="list-style-type: none"> • Electronics • Installation Techniques • Measurement Pressure, Flow, Level & Temperature • Automation Control & Theory 	Phase 3: onsite <ul style="list-style-type: none"> • Work based Training and Assessments
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Phase 4: onsite <ul style="list-style-type: none"> • Electricity, Motor, Control & Power Distribution • Hazardous Energy • Measurement • Control Elements • Automatic Control & Theory 	Phase 5: onsite <ul style="list-style-type: none"> • Work based Training and Assessments 	Phase 6: offsite <ul style="list-style-type: none"> • Electricity, Motor Speed Control & Measurement • Switchboard & Switchgear • Electronics • Communication Systems & Theory 	Phase 7: onsite <ul style="list-style-type: none"> • Work based Training and Assessment
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