



LEIVERS LTD
AUTOMATION & ENGINEERING

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Who We Are

We are an automation and controls business based in Nottinghamshire. We serve all organisations small or large. Solely owned and founded in 2023 by Daryl Leivers, an Electrical Engineer from Nottingham. With over 17 years' experience in industries, ranging from construction, manufacturing and warehousing. We offer commercial facilities management, Industrial operational improvements and just about everything in between.

What We Do

What we do is such a vast scope, and probably one you don't have time to read all about. Keeping it short and sweet, take a look at the industry that relates to you:-



Commercial

- Electrical Installation & Maintenance.
- Fire Alarm Installation & Maintenance.
- Security Alarm Installation & Maintenance.
- EV Charging Installation & Maintenance.
- Solar PV Installation & Maintenance.
- Washroom & Break Room Refurbishment.



Industrial

- Improve your safety systems.
- Repair your machinery & equipment.
- Reduce your operational downtime.
- Improve your production throughput.
- Improve your quality systems.
- Maintain your facilities & assets.

Of course, that's over simplified and a very broad scope of works, but these are just some of the things we do for our current customers. If your interested in learning a little more about what we do, you can continue to read this brochure or visit our website at www.leiversltd.co.uk.

Electrical Installation & Maintenance



With fully qualified apprentice trained Electricians & Technicians, we can design, install and maintain your LV electrical installations. Whether it's a simple addition, full scale refurbishment or a completely new installation, all our installations comply with the current revision of *BS 7671*.

We support our M&E business partners with labour only services, or we can subcontract parts of projects to allow them to meet tight deadlines or key project milestones. Whatever your needs, we have a solution for you.

All our installation electricians hold ECS gold cards, an industry standard scheme to demonstrate the commitment to Electrical Installation standards and Operative health and safety obligations. These cards are admissible on all construction sites and premises across the UK to demonstrate the competency of our teams. We also have operatives IPAF accredited to operate both Mobile Elevating Work Platforms and Scissor Lifts for extra scope.

Together we have undertaken many commercial and industrial installations in a broad range of applications from Schools, to warehouses to shopping complexes and student accommodation.

Solar PV & EV Charging Installation & Maintenance

We can design and deliver sustainable energy services and solutions to help you transition effectively to a Net Zero future. Our solutions are tailored to your specific needs and will result in significant cost savings, improved efficiency, durability, and a clean, healthier environment.

All our installations comply with the latest version of *BS 7671*. From a single EV charging station to a multimillion-pound PV array. We are sure that we can support your business on delivering its green commitments.



With an ever-increasing focus on sustainability and CO² emissions, these are brilliant additions your organisation can make to offset their CO² footprint. Whether you're looking to lower that footprint or just looking to future proof your infrastructure, you are in capable hands.

Fire & Security Alarm Installation & Maintenance

For buildings that don't already have adequate fire detection systems, our experienced engineers can design and install a *BS 5839* and *BS EN 54* compliant systems and bring your building or project back into legal compliance. Whether it's a single office, or an entire factory floor, we can design and install a solution for you.

For smaller installations a conventional analogue system would be more appropriate but for larger applications, we can commission a multi-loop addressable fire detection system. We will tailor a design for any application.

We don't just do fire alarms. We install security alarm systems and CCTV systems to *BS EN 50132* and access control systems to *NCP 109*. Like fire alarm systems, we can commission systems to an existing design or we can design and install a system completely from scratch. Whatever the application we can deliver a system that meets your needs.



Washroom & Break Room Refurbishment



If you've ever been to a site welfare facility and questioned the sanitariness, you can bet your employees are having the same thoughts on a daily basis. New washrooms are becoming more and more affordable with modular options to make your welfare facilities look fresh and modern.

As an employer, you have a duty of care to your employees. If your washrooms and break rooms are looking tired, and starting to show signs of wear and tear, your employees' mood and productivity will reflect their surroundings. Why not give them a great space to unwind after a tough shift?

Maintaining Facilities & Assets

With our trained and competent engineers, we can take care of all aspects of asset maintenance. Whether it's roller shutter door PUWER inspections, or manufacturing equipment Condition Based Monitoring. We can deliver a solution tailored to your requirements. We understand that one size does not fit all and we can come and survey your facilities and equipment and prepare a solution to an agreed scope of works.

For older equipment we can provide Machinery Risk assessments to ensure that they comply with modern day health and safety requirements. We will categorise all necessary improvements by risk and provide you the necessary information to maintain your UKCA marking and continue operations safely, and legally.

We can offer an obsolescence risk assessment on your manufacturing facilities to highlight any risk of parts being or becoming obsolete in the near future. Obsolescence is one of the common callout responses we are called to and predominantly effects sites with equipment over 10 years old. If you have plant or Material Handling Equipment that is 10 years or older, we strongly recommend you carry out at least a risk assessment to highlight any critical spares, or contingency plans you need to make.

We can take care of your buildings M&E. We can create an annual service contract to take care of your organisations Electrical and Mechanical Assets. From HV electrical substations, to Plumbing and HVAC, and anything in between. Get in touch today and see how we can take the stress out of facilities management.



Repairing Machinery & Equipment

While we can't guarantee callout times, we do actively respond to customer breakdowns. If you're in need of specialist control assistance, you have come to the right place. We frequently visit customers sites in all hours of the day and night to support them through difficult breakdowns.



If your equipment fails and there is no like for like parts, we can provide a new solution alongside a declaration of incorporation for any CE marked equipment. We will update your electrical schematics as required and provide a permanent fix, not a band aid. This goes for PLC systems, Inverter drives, Optical camera devices and much more!

Improve your production throughput

Through TPM techniques and Problem solving, we can improve the throughput of your manufacturing equipment. Whether you know where the bottle neck is, and you just need a solution, or whether you need a full cycle time analysis and material flow breakdown, we can provide a proposal for you. We will analyse your production line from start to finish and highlight potential for improvement, whether it's quick and easy wins or complete equipment redesign, there is always room for improvement.

Whether it's modifications to the speed of equipment, or whether the equipment simply needs to be enlarged. We will propose a solution that will increase the throughput of your machinery. Favouring efficient methods of improvement such as reduced cycles or steps to create the same quality product. You can rest assured that the solutions we propose will be both economical and efficient wherever possible.



Improve your safety systems

As briefly mentioned, Leivers can provide Machinery Risk assessments, whether it's from a safety concern of an employee or a routine PUWER inspection. We can ensure your facilities are the safest they can be! After all we have a legal duty to re-assess the risks after a suitable interval, a significant change or a major breakdown that could compromise the safety system. All risk assessments will be to *BS EN 12100* and detail any foreseen risks and mitigation to combat those risks. You are not tied to us to carry out the recommended improvements but we will provide a quotation on request.



Everyone who goes to work, does so with the intention of returning home safely that evening or morning. That's why it's our roles as engineers to protect the operators, for we have a legal and moral duty to do so.

One thing that is becoming increasingly desirable is machinery access control. From a simple pedestal drill to a multimillion-pound brick press. We can secure your machinery, or it's parameters. Preventing unauthorised use or modifications, and recording every time a parameter is changed for process control.

Improve your quality systems



Quality systems don't always get the investment that they rightly deserve. After all it can cost hundreds of thousands of pounds when we get it wrong.

If you're still relying on hand written reports, we can automate this. Whether it's fully automated or part automated it is entirely up to the customer. All types of data can be collected and recorded on the fly, without the need for human intervention. If you are struggling recording data, due to staff shortages or inexperienced operators we can help! Whether it's laser size measuring, optical shape measuring, infrared moisture content measurements, we can automate almost anything!

The best method of waste reduction is prevention! There is no point in making bad product, the Japanese knew this in the 40's. We can tie in quality systems with production systems to prevent poor quality product being manufactured. For example, in an extrusion machine, we can interlock the vacuum system so that the extrusion line cannot be ran until the vacuum is at a minimum level. We can interlock laser measurements to prevent undersize or oversize products being manufactured.

Reduce your operational downtime

We don't like waiting for downtime, that's why our preferred maintenance is preventative. We can risk assess your site and provide a suitable Condition Based Monitoring route and interval that will improve your uptime. We're not like other providers. We will not blanket all your assets. We will provide a risk assessment based on the Mean Time to Failure, the downtime caused in the event of catastrophic failure, and the availability of spares.



If you already have a CBM schedule in place, we can look to improve on it, or if you have some critical assets that need a little more care, we can provide a dynamic solution that automates the process and flags up problems automatically before they arise.

Whether you currently record downtime or not, we can assist in investigating or improving your machinery downtime. Starting with a survey to record downtime over an agreed period of time, we are able to identify what's causing you the most pain!

We can propose fully automated data capture to record all your machinery downtime and reasons, or you can opt for a much simpler downtime clock that shows the operators or management teams just how long they have been down for that day, that hour, or other period of time.

Data is the first part of the problem solve. Once we have collected enough, we can target high impact downtimes and propose solutions that will improve your operational uptime. Whether it's issues with product handling, or machinery breakdowns, we will get to the root cause and propose a permanent solution to reduce the number of stoppages or eliminate completely.

Thank you for taking the time to read through our brochure! If there is anything we can assist you with don't hesitate to contact Daryl, on the below contact details who will be happy to answer your queries.



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