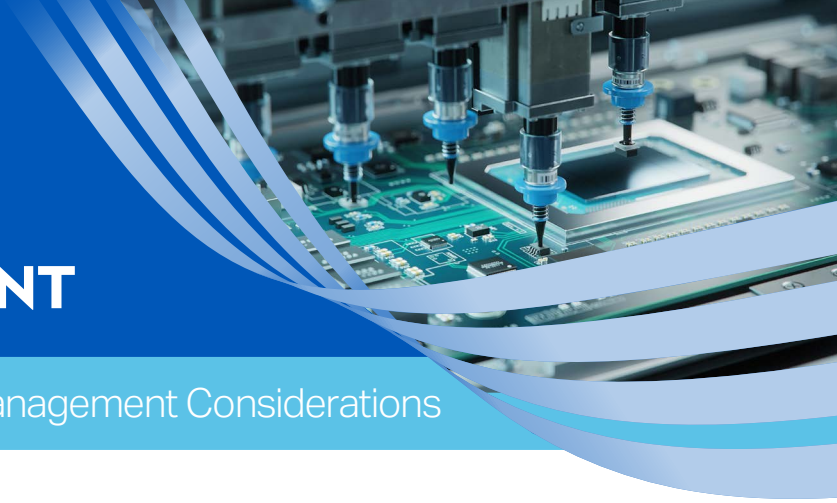

ARCH **RISK MANAGEMENT**

Electronics Manufacturing - Risk Management Considerations

The UK electronics manufacturing sector is essential to various industries, including telecommunications, automotive, consumer electronics, and medical devices. This sector involves diverse processes such as circuit board assembly, soldering, surface-mount technology (SMT), and testing, each carrying unique risks.

These key considerations will help your business reduce risk to ensure the health and safety of anyone who works in/on, or visits the premises, including any associated vehicles used.

Key Considerations for Electronics Manufacturing Businesses

1. Have all statutory checks on electrical equipment and machinery been completed? Are high-voltage areas clearly marked and restricted?
2. Does your facility have fire prevention measures for soldering operations and flammable substances? Are employees trained on safe storage and disposal of lithium batteries?
3. Are hazardous materials such as lead solder and cleaning agents handled safely? Do employees have access to proper ventilation and PPE?
4. Do you monitor and control noise levels from automated assembly lines and testing equipment? Are employees provided with appropriate hearing protection where needed?
5. Do you have "adequate and appropriate" First Aiders on-site, and is their training up to date?
6. Are workstations designed to reduce strain from repetitive assembly tasks? Do employees receive training on posture and ergonomics?
7. Is there clear segregation between vehicles and pedestrians in warehouse and loading areas? Can employees move safely around the site?

Find out more

- Sign into the Arch Risk Management portal (available to all Arch eligible policyholders).
- Click the 'Key Risks' section for more detailed information and guidance.
- Learn about the health and safety issues that can impact your business, as well as all the resources, e-learning modules and support to enable you to manage them.

Relevant eLearning modules include:

- ✓ Slips Trips and Falls
- ✓ Manual Handling
- ✓ DSE
- ✓ Accident Reporting
- ✓ Electricity Safety
- ✓ Health & Safety Management
- ✓ Risk Assessment
- ✓ Fire Safety
- ✓ Managing First Aid
- ✓ Noise Awareness
- ✓ Working at Height
- ✓ Workplace Equipment
- ✓ Workplace Vehicles
- ✓ Mental Health Awareness
- ✓ Managing Stress
- ✓ Managing Absence
- ✓ Effective Questioning and Listening
- ✓ Modern Slavery
- ✓ Data Protection
- ✓ Chemical Safety

The above are part of the current 23 eLearning modules available within the Arch Risk Management website.

To register for Arch Risk Management, scan the QR code.

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*As of March 31, 2025