

Inspection and Testing

Compliance with regulations and safety of personnel and assets requires regular inspection and testing programmes.

Quartzelec can provide you with:

- Inspection and testing of electrical installations to BS 7671:2018+A2:2022 including certification
- Electrical installation condition reporting, detailing test results and appropriate recommendations
- Cost effective solutions to rectify non-compliance
- Electronic referenced documentation
- Non-intrusive/low impact initial surveys to limit disruption

Complex Inspection and Testing

Working within the field of Ex hazardous area installations we provide full inspection and certification to BS EN 60079-17:2007 and IEC 60079-17:2007:

- Equipment maintenance and repair
- Call out services
- Visual, detailed and close inspection of Ex equipment
- Electronic tagging and marking
- Offshore, onshore and marine expertise

When is it needed?

For guidance purpose, BS 7671:2018+A2:2022 recommends:

Electrical Installations

| | |
|---------------------------------------|--------------------------------|
| Emergency lighting and fire alarms | 1 year |
| Special locations e.g. swimming pools | 1 year |
| Places open to the public | 3 to 5 years |
| Industrial facilities | 3 years |
| Commercial buildings | Change of occupancy / 5 years |
| Residential accommodation | 5 years |
| Domestic environment | Change of occupancy / 10 years |

PAT Testing

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|---------------------------------|-----------------|
| Industrial facilities/workshops | 6 months |
| Commercial (normal usage) | 12 months |
| Commercial (low risk) | 2 years or more |

How can Quartzelec help?

Quartzelec offers peace of mind ensuring your electrical installations meet the latest regulations, carrying out all necessary testing and remedial work, eliminating Code 1 defects:

- Electrical Installation Condition Report (EICR) and supporting remedial repairs
- Thermographic surveys
- Portable appliance testing (PAT Testing)
- Testing of all fixed electrical equipment and appliances (FAT)
- Emergency lighting testing
- Fire alarm testing
- Hazardous area maintenance and repair
- Initial, periodic and sample testing of Ex installations
- Hazardous area installations by our experienced and certified teams
- LV switchgear and panel maintenance and installation



Key Contact Information

To request a quotation or further information please contact

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