

## Test and Inspection

### Periodic Test and Inspection

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 BS7671 including certification
- Electrical installation condition reporting detailing test results measurements and appropriate recommendations
- Cost effective solutions to rectify non-compliance
- Electronic referenced documentation
- Non-intrusive/low impact initial surveys to limit disruption

### Complex Test and Inspection

Working within the field of Ex hazardous area installations we provide full inspection and certification to BS EN 60079-17:2014 and IEC 60079-17:2013:

- 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, BS7671 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

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:

- Periodic inspection, testing and supporting remedial repair work
- Electrical installation condition report
- Portable appliance testing (PAT Testing)
- Thermal imaging
- Testing of all fixed electrical equipment and appliances
- Fire alarm testing
- Emergency lighting testing
- Hazardous area maintenance and repair
- Initial, periodic and sample testing of Ex installations
- Hazardous area installations by our experienced and certified teams
- Switchgear and panel maintenance and installation



## Key Contact Information

To request a quotation or further information please contact

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