



**Frederick Thomas**  
ELECTRICAL & MAINTENANCE LTD

**SPECIAL  
TESTING  
SERVICES**

## COMMERCIAL/OFFICES

With Telecommunications being a global business, standards of excellence are required in service delivery. British Telecom choose the Specialist Testing Services provided by Frederick Thomas Electrical & Maintenance Ltd, as part of their Planned Maintenance Programme for mixed use buildings.

As well as carrying out a test programme on the Electrical Distribution System, we also analysed the condition of the HVAC control system and pump motors. Energised testing, under normal operational load, is essential for our results to have any relevance to our Clients. Only components performing their normal everyday functions will show the early signs of failure that mean they are due for repair or replacement.



BRITISH TELECOM, LONDON



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## SPECIAL TESTING SERVICES

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A tight deadline does not mean corners get cut; the safety of our staff and the uninterrupted operation of the facilities is always our number one priority.

Having performed an Ultrasonic scan of the panel first as an 'early warning' safety precaution, two of our Technicians are shown accessing the area supplying power to three large circuit breakers. Direct line of sight to critical areas of the switchgear is essential to obtain accurate IR temperature measurements.



No matter an Organisation is local or global, if there is a critical operational process that requires a power supply that is as reliable as is humanly possible, a Special Testing Service package can be tailored to fit your needs. Over time this service can save a great deal more than it initially costs, in fact it can have a positive effect on the annual budget. FTE&M Special Testing Services gives an Organisation the facility of being able to plan ahead and replace any components that show as a risk, before they fail and cause disruption to the facility; plus it saves those reactive call-out charges for urgent repairs.

FTE&M Special Testing Services greatly reduces the risk of electrical fires, caused by overheating components going undetected. An annual performance test on the critical components in an Electrical Distribution System can extend its useful working life by as much as 30%. The majority of our test programmes are performed with the system fully energised; you carry on with your job while we carry on with ours.

A meeting could turn out to be one of the soundest investments your Organisation makes this financial year.

REGISTERED MEMBER



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