



## **MANUFACTURING**

Unilever's Purfleet production facility produces 180,000 tonnes of margarine and olive oil based spreads per year, the equivalent of nearly one million 500g packs every day.

Lost production time due to unplanned outages, even for a few hours would have a dramatic effect on the balance sheet.

Frederick Thomas Electrical & Maintenance Limited Special Testing Service performed Ultrasonic testing on the critical components of the HV network, to establish integrity of the main incoming supply.

UNILEVER, PURFLEET



The Ultrasonic test programme identifies issues such as arcing, tracking and corona inside switchgear and will also 'listen' for mechanical issues, such as loose laminations in transformer cores.

A comprehensive report, provides a detailed list of any issues identified during the test. The Client is also able to view stored Ultrasonic waveforms of issues detected in the network.

FTE&M Special Testing Services provide visual 'best practice' recommendations, and budget cost for carrying out remedial works.





# Frederick Thomas

ELECTRICAL & MAINTENANCE LTD

## SPECIAL TESTING SERVICES

UNILEVER, PURFLEET

An Ultrasonic scan of HV switchgear acts as an 'early warning' system, showing early signs of tracking that will lead to eventual equipment failure.

This service is extremely cost-effective and is the ideal complement to regular HV Switchgear Maintenance schedules. Tests are completely non-intrusive and many of the procedures usually involved with HV switchgear testing are unnecessary.

FTE&M Special Testing Services greatly reduces the risk of electrical fires, caused by overheating components. An annual performance test on the critical elements in an Electrical Distribution System can extend its useful working life by as much as 30%. Our Ultrasound surveys are by necessity performed with the system fully energised, thus preventing any downtime during the testing procedure.

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



REGISTERED MEMBER



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