

# MORE THAN 25% OF ALL FIRES ARE CAUSED BY ELECTRICAL FAULTS

**BACKGROUND - The Electricity at Work Regulations 1989 came into force on 1st July 1990. The purpose of the Regulations is to ensure precautions are taken to protect against the risk of death or personal injury from electricity in work activities.**

The Regulations make it a duty of every employer and self-employed person to comply with the provisions of the Regulations relating to matters which are within their control. This includes having the wiring systems periodically examined by a competent person.

In addition many property damage insurers are insisting, as part of the renewal process, that wiring installations are examined and certificated to the latest standards in order that they continue to underwrite the risk. Electrical fault causes over 25% of all fires.

This provides you as the broker an opportunity to assist your client in compliance with these legal and insurance requirements.

## **HSB HAUGHTON'S ACCREDITATION:**

**HSB Haughton is an in-service inspection body accredited by UKAS to ISO 17020.**

Our accreditation covers inspection and test of electrical installations in accordance with the appropriate edition of BS 7671. The educational standards of our Electrical Surveyors meet UKAS requirements for Level 1 and Level 2 Engineers (i.e. Chartered Engineer/HNC)

The Home Office guidelines recognize UKAS accredited companies as competent to perform electrical inspections.

HSB Haughton is a full member of SAFed. To qualify as full members, SAFed demands accreditation by UKAS.

The qualifications of our Electrical Surveyors are considerably in excess of electricians employed by members of the National Inspection Council for Electrical Inspections or the Electrical Contractors Association.

## **THE HSB HAUGHTON SERVICE:**

HSB Haughton's electrical inspections and reports are in accordance with Part 7 of BS 7671, the Requirements for Electrical Installations (IEE Wiring Regulations 16th Edition), which includes:

- Measurement of Prospective Short Circuit Current
- Earth Fault Loop Impedance (mains to final circuits)
- Continuity for any Ring Final Conductors including Main and Supplementary Equipotential Bonding Circuits
- Insulation Resistance
- Earth Electrode Resistance (where applicable)
- Operation of Residual Current Devices
- Safety Requirements of the Electricity at Work Regulations (exposed fused parts, isolation etc)

**In addition**, a visual examination will be made to verify that the installed equipment is not visibly damaged so as to impair safety.

## **THE ADVANTAGES OF USING HSB HAUGHTON**

- Assisting your client to comply with the Regulations
- Completely independent i.e. will not be looking for additional work following inspection
- Uniform approach to inspection throughout the UK
- High standard of inspection by qualified engineers
- Competitive rates
- An additional source of income for you the broker
- Will satisfy fire insurers requirements

To find out more about the services that HSB provide and the ways we help industry improve safety, reduce operating costs and improve efficiency, contact your local HSB office.



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