

# Southern Electrical Testing Ltd – Terms & Conditions

All condition reports, quality audits and third party certification enquiries have been quoted to and will be carried out in strict accordance with the following terms and conditions (subject to individual written instructions). Based upon the recommendations contained within Guidance Note 3 (GN3) as issued by The Institution of Engineering and Technology (IET) as follows;

Please do not hesitate to contact us for further clarification including provision of reference documentation, especially if this is not to your or any other interested parties requirement. We are able to carry out additional inspections, measurements and reporting over and above the requirements of GN3. However this will attract additional fees based upon our standard hourly rate of £48.00 plus Vat.

For clarification, the generic **purpose** of a commercial periodic inspection and testing as detailed within GN3 is to provide, so far as is reasonably practicable, for;

- 1 The safety of persons and livestock against the effects of electric shock and burns, and.
- 2 The protection against damage to property by fire and heat arising from an installation defect, and.
- 3 Confirmation that the installation is not damaged or deteriorated so as to impair safety, and.
- 4 The identification of installation defects and non-compliances with the requirements of the regulations which may give rise to danger.
- 5 Compliance with The Electricity at Work Regulations 1989.

Therefore **full compliance** with the current edition of the IET wiring regulations BS7671: 2008 as amended 2011 **is not necessarily required**, unfortunately this advice from the Health and Safety Executive is generally not understood or implemented by the majority of electrical contractors carrying out such inspections, and therefore often leads to the recommendation of **unnecessary remedial work**.

The **scope** of BS7671: 2008 as amended for periodic inspection and testing is for INSPECTION comprising of a detailed examination of the installation without dismantling, or with partial dismantling as required, supplemented by testing and measurements as necessary being conducted by a competent person.

## **The inspection, measurement and testing considered appropriate as detailed within GN3 comprises of the following;**

- 1 100% Visual inspection to be carried out to all accessible accessories sited below 3.00 metres, subject to safe access. Our engineers are not authorised to enter confined spaces such as lofts, floor or ceiling voids due to the health and safety risks associated with these locations, however a visual inspection may be conducted from an existing accessible entry point such as a maintenance hatch.
- 2 10% internal inspection to be carried out to a sample of accessories sited below 3.00 metres, subject to safe access and appropriate means of isolation, we will not remove accessories that in our opinion may damage decorations, fixings, the accessory or be detrimental to the health and safety of our engineers.
- 3 Protective conductor continuity will be measured at all relevant and accessible positions, this may consist of an earth fault loop impedance measurement or a direct continuity measurement.
- 4 Bonding conductor continuity will be measured directly at all relevant and accessible positions, subject to safe access and appropriate means of isolation.
- 5 Ring circuit continuity will be measured at all accessible positions where necessary, subject to previous records.
- 6 Insulation resistance measurements will be carried out between line conductors and with live (line and neutral) conductors connected together and measured to the general mass of earth at each distribution board, subject to safe and appropriate means of isolation.
- 7 Polarity will be measured at all appropriate positions.
- 8 Earth electrode resistance will be measured where necessary, this may consist of an earth fault loop impedance measurement.
- 9 Earth fault loop impedance values will be measured or calculated where appropriate, subject to safe working practice.
- 10 Fault current values will be measured or calculated where appropriate, subject to safe working practice.
- 11 RCD measurements will be carried out where appropriate.

**Payment Terms:** 30 days from date of invoice. Reports, audits and third party certificates to be issued upon receipt of cleared funds.

**Instruction Terms:** Prior to commencement of any instruction we require an authorised purchase order instruction us to commence in agreement with the content of the above terms and conditions including our payment terms