



Guidance Document

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Electricity at work

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MAYOR OF LONDON



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1 Purpose

The purpose of this Guidance is to provide guidance on the essential elements that need to be considered when agreeing safe working practices for staff who carry out work on or near escalator electrical equipment in circumstances in which danger may arise. This includes advice which is relevant to managers, supervisors, technical support staff (Tester/Adjuster) and escalator maintenance staff who control, influence or undertake the selection, installation, commissioning, maintenance, operation or testing of escalator electrical equipment, systems and power supplies.

A safe system of work must be followed and where appropriate an Electrical Permit to Work must be raised when work on electrical equipment is carried out.

This Guidance has been written and compiled with due regard for the Electricity at Work Regulations 1989 and the on-site requirements of Escalators & Pumps, with full recognition of the requirement, "so far as is reasonably practicable".

Live working should be avoided unless:

- it is unreasonable to work dead: AND
- it is reasonable to work live: AND
- suitable precautions are taken to prevent injury.

Work must be carried out in a safe manner and using safe working practices which control the risks while working

- control the test areas
- uses suitable tools and clothing
- uses suitable insulated barriers
- provide adequate information
- provide adequate supervision and accompanying support staff
- provide adequate space, access and lighting.

Staff undertaking electrical work must:

- prevent danger and injury
- have adequate training, skill and experience
- have adequate supervision when appropriate.

2 Scope

This Guidance is applicable to all live working undertaken by LU Escalators & Pumps staff.

3 Guidance

3.1 Tools and Materials (general)

All tools and equipment (apart from the normal fitters toolkit) should be approved, tagged, tested and in date. Reference Lifting Operations & Lifting Equipment Regulations (LOLER), Provision & Use of Work Equipment Regulations (PUWER) & Portable Appliance Testing (Electricity at Work Regulations).

3.2 Tools and Equipment (electrical)

All Test probes, leads, sockets, and terminals used in conjunction with a voltmeter, multimeter, electricians test lamp or voltage indicator shall be selected to prevent danger and comply with the requirements specified in guidance note GS38 (Electrical test equipment for use by electricians).