

Introduction

In UK Remediation's line of work, it is often commonplace to use Portable Electronic Equipment (PEE). With this in mind there are strict policies relating to the pre-use condition of the equipment and the safety for operators during use.

To operate the machinery appropriate training must have been carried out that will ensure the safe operation of the equipment as well as the ability to identify any potential risks associated with the equipment's performance and condition. If asked to operate PEE without the proper training staff should refuse until training has been provided.

PEE comes in 2 classes:

- Class ONE being earthed to avoid electric shocks upon failure.
- Class TWO contains extra insulation to prevent any contact with live parts of the equipment. This does not include an earth connection.

Application

Portable Electric Appliance Inspection must be carried out before every use of the PEE as a means to reduce risk. It must be evaluated by a person sufficiently that can recognise faults. This includes visual and electrical checks. Records must be kept of the test results for future comparison.

The PEE must be used to the suggested voltage and not above, this ensures the equipment runs at the suggested speed and reduces the risk of electrical failure.

If repairs are made the equipment must be tested again following completion.

The consequences of an accident while using PEE are so severe, including injury, fatalities or fire, their operation is restricted to personnel trained to do so. Signs must be put in place to inform other site workers of the risks. All site workers must know the emergency procedures that will follow if an accident occurs.

Wherever possible extension cable use should be avoided.