

## ESD Survey Kit Operation and Maintenance



“Periodic audits of facilities, procedures and practices in accordance with the instructions given in 10.2 to 10.17 and in conjunction with the periodic checks of clause 9 shall be undertaken by a nominated person or team using appropriate measuring equipment where required. A check shall be carried out on the adequacy and availability of records.

Where appropriate, random checks shall be carried out.

These audits shall be performed at intervals not exceeding those defined by the ESD coordinator.

All audit measurements shall be carried out under the normal operating environment, and the temperature and relative humidity shall be recorded,” (EN 61340-5-1 paragraph 10.1 Periodic audits)

“EN 61340-5-1 calls for periodic audits, and intervals of not more than 12 months between these audits are recommended. Additionally, random audits should be held so that precautions are not tightened up periodically when audits are expected. When the audit calls for measurements to be made, these should be carried out in the normal operating environment, with the conditions recorded.” (Handbook EN 61340-5-2 paragraph 10 Periodic audit Instructions)

This clearly states the necessity of having the means to perform regular audits at your facility. The [222685](#) will enable you to do this.

### Inspection

Corresponding technical document numbers are noted as well as web site links.

- (1) [50598](#) Ionisation Test Kit (includes Digital Static Field Meter)
- (1) [50553](#) HBM Test Fixture
- (1) [222630](#) Surface Resistance Test Kit
- (1) [222632](#) Resistance Meter Attachment
- (1) [224713](#) Outlet Analyser
- (1) Fluke 114-A Meter
- (1) [229904](#) Jewel Wrist Strap
- (1) [249250](#) Foot Grander
- (1 set) Training Paddles
- (1) Heavy duty carrying case

### Description

The Vermason Item [222685](#) Survey Kit contains everything needed to conduct an ESD Control Program survey, per EN 61340-5-1 Compliance Verification Plan. The following are excerpts from this document.

“Once the EPA [ESD Protected Area] is constructed or modified, the ESD co-ordinator shall audit the facility in accordance with clause 10 and table 3, to confirm that the requirements of clause 5 are met, and shall ensure that an initial certificate of conformance is issued before the EPA is used. An example of a certificate of conformance is shown in figure 13. A list and location of all EPA equipment shall be prepared and maintained”.

“Any instances where this technical report has been compromised in order to satisfy the working requirements shall be recorded on the certificate of conformance, together with any extra equipment and/or specified procedures required to provide the necessary precautions.” (EN 61340-5-1 paragraph 5.3.6 Certification of conformance)

### Limited Warranty

Vermason expressly warrants that for a period of one (1) year from the date of purchase, Vermason ESD Survey Kits will be free of defects in material (parts) and workmanship (labour). Within the warranty period, a unit will be tested, repaired or replaced at Vermason's option, free of charge. Call Customer Service at 0044 (0) 1462 672005 for a Return Material Authorisation (RMA) and for proper shipping instructions and address. Any unit under warranty should be shipped prepaid to the Vermason factory. You should include a copy of your original packing slip, invoice, or other proof of purchase date. Warranty repairs will take approximately two weeks.

If your unit is out of warranty, Vermason will quote repair charges necessary to bring your unit to factory standards. Call Customer Service at 0044 (0) 1462 672005 for a Return Material Authorisation (RMA) and proper shipping instructions and address.

### Warranty Exclusions

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean or repair products.

### Limit of liability

In no event will Vermason or any seller be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.