



CVE MANUFACTURING STANDARDS

QUALITY MANAGEMENT SYSTEM

Cambridge Vacuum Engineering operates a Quality Management System which complies with the requirements of BS EN ISO 9001:2008.

MANUFACTURING STANDARDS

(for Vacuum Furnaces & Electron Beam Welding Machines as appropriate)

- I. BS EN 60204-33:2011 Machine Group Electrical Safety
- II. BS 8888:2011 Technical Product Documentation
- III. PD 5500:2009 Pressure Vessel Standards (when applicable)
- IV. BS 7671 IEE Wirings Regulations 17th edition
- V. BS EN ISO 14744-1:2008 Acceptance Inspection of Electron Beam Welding Machines
- VI. The supply of Machinery (Safety) Regulations 2008
- VII. EMC Directive 2004/108/EC
- VIII. Low Voltage Directive 2006/95EC
- IX. All machines are supplied with CE certification

Standards used for the above include:

- | | |
|--------------------------------|---|
| BS EN ISO 12100:2010 | Safety of Machinery Basic Terminology
Safety of Machinery Technical Principles |
| BS EN ISO 13857:2008 | Safety of Machinery - safety distances –
to prevent hazard |
| BS EN 349:1993 | Safety of Machinery - minimum gaps to
avoid crushing |
| BS EN 61000-6-4:2007 + A1:2011 | Generic Standards for emission for
industrial environments |
| BS EN 61000-6-2:2005 | Generic Standards for immunity for
industrial environments |