

Electromagnetic compatibility (EMC) — Product standard for arc welding equipment

The European Standard EN 50199 : 1995 has the status of a
British Standard

ICS 25.160.30; 29.020

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee WEE/6, Electric arc welding equipment, upon which the following bodies were represented:

- British Cable Makers Confederation
- Electricity Association
- Health and Safety Executive
- Institution of Electrical Engineers
- National Association of Arc Welding Equipment Repairers
- Power Generation Contractors' Association (PGCA (BEAMA) Ltd.)
- Railway Industry Association
- The Welding Institute
- Welding Manufacturers' Association (BEAMA Ltd.)

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National foreword

This British Standard has been prepared by Technical Committee WEE/6 and is the English language version of EN 50199 : 1995 *Electromagnetic compatibility (EMC) — Product standard for arc welding equipment*, published by the European Committee for Electrotechnical Standardization (CENELEC).

Cross-references

Publication referred to	Corresponding British Standard
EN 55011 : 1991 (IEC CISPR 11 : 1990)	BS EN 55011 : 1991 <i>Specification for limits and methods of measurement of radio disturbance characteristics of industrial, scientific and medical (ISM) radio frequency equipment</i>
IEC : 50 (161) : 1990	BS 4727 <i>Glossary of electrotechnical, power, telecommunication, electronics, lighting and colour terms</i> Part 1. <i>Terms common to power, telecommunications and electronics</i> Group 09 : 1991 <i>Electromagnetic compatibility</i>
EN 60974-1 : 1990 (IEC 974-1 : 1989) ¹⁾	BS 638 : Part 10 : 1990 <i>Specification for safety requirements for arc welding equipment: welding power sources</i>
EN 61000-4-2 : 1995 (IEC 1000-4-2 : 1995)	BS EN 61000 <i>Electromagnetic compatibility (EMC)</i> BS EN 61000-4 <i>Testing and measurement techniques</i> BS EN 61000-4-2 : 1995 <i>Electrostatic discharge immunity test</i> <i>Basic EMC Publication</i>
EN 55014 : 1993 (IEC CISPR 14 : 1993)	BS EN 55014 : 1993 <i>Limits and methods of measurement of radio disturbance characteristics of electrical motor-operated and thermal appliances for household and similar purposes, electric tools and similar electric apparatus</i>

Compliance with a British Standard does not of itself confer immunity from legal obligations.

¹⁾ In preparation

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Descriptors: Welding equipment, arc welding, electromagnetic compatibility, EMC

English version

Electromagnetic compatibility (EMC) Product standard for arc welding equipment

Compatibilité électromagnétique (CEM)
Norme de produit pour le matériel de soudage à
l'arc

Elektromagnetische Verträglichkeit (EMV)
Produktnorm für Lichtbogenschweißrichtungen

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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