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The EMCIA was formed on 20th March 2002 for the benefit of companies involved in Supplying, Designing, Testing and Manufacturing EMC products. Networking lunches are held 3 times a year. The current President is Keith Armstrong CEng MIET MIEEE ACGI, Cherry Clough Consultants. The EMCIA Secretariat is Nutwood UK Ltd. To find out more go to page 35.

www.emcia.org

The Racecourse, Newbury
12 & 13 October 2010
www.emcuk.co.uk

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EMC Yearbook 2010
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Pages 3 to 22 Product Finder. The major product categories are highlighted in black areas e.g. Filters. Each is subdivided into individual products. The company names in italics have advertisements.

Pages 23 to 33 Alphabetical listing of Companies.

Page 34 Distributor names and addresses, supplied by entrants in the yearbook.

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EMC & Inductive Solutions

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elsus-uk@we-online.com
www.we-online.com
## Absorbers

- **Ferrite Tiles**
  - Frequensys
  - MDL Technologies
  - Panashield (UK)
- **Flat Sheet**
  - AR UK
  - Chomerics
  - Frequensys
  - HITEK Electronic Materials
- **Non-Flammable-Hybrid**
  - Chomerics
  - HITEK Electronic Materials
- **Pyramidal Absorbers**
  - Global EMC UK
  - MDL Technologies
  - Panashield (UK)
- **Wedge Absorbers**
  - Global EMC UK
  - MDL Technologies
  - Panashield (UK)
- **Flat Absorbers**
  - Global EMC UK
  - MDL Technologies
  - Panashield (UK)

## Antennas

### Active Dipole
- AR UK
- Dowding & Mills
- ETS-Lindgren
- Laplace Instruments
- Link Microtek
- MDL Technologies
- Q-Par Angus
- Rohde & Schwarz UK
- TMD

### Antenna Design
- AR UK
- Dowding & Mills
- ETS-Lindgren
- Laplace Instruments
- Link Microtek
- MDL Technologies
- Q-Par Angus
- TMD

### Biconical
- AR UK
- Dowding & Mills
- ETS-Lindgren
- Laplace Instruments
- Link Microtek
- MDL Technologies
- Q-Par Angus
- Rohde & Schwarz UK
- TMD

### Log Periodic
- AR UK
- AR Europe
- Dowding & Mills
- ETS-Lindgren
- Laplace Instruments
- Link Microtek
- MDL Technologies
- Q-Par Angus
- Rohde & Schwarz UK
- TMD

### Masts
- AR UK
- Dowding & Mills
- ETS-Lindgren
- TMD
Emissions (EMI)
- Rainford EMC Systems
- Rohde & Schwarz UK
- TRaC

Immunity
- Cranage EMC & Safety
- Haefely Test AG
- HTT (UK)
- Hursley EMC Services
- Laplace Instruments
- MIRA
- QinetiQ

Rainford EMC Systems
- Rohde & Schwarz UK
- TDK Electronics Europe

TRaC

Reporting
- Rohde & Schwarz UK

Automotive Testing

EMI
- Rohde & Schwarz UK
- SGS
- TRW Conekt

Immunity
- Rohde & Schwarz UK
- SGS
- TRW Conekt

Backshells, Assemblies

Cables & Accessories

Assemblies & Harnesses
- Cre8 Associates
- DEM Manufacturing
- ITT Electronic Components
- KEC
- Schaffner
- Selectronix
- Westside Supplies

Bonding Leads
- Cabletec ICS

Cable Glands
- Laird Technologies
- KEC
- Kentron
- Rittal
- Selectronix

Coaxial
- Cre8 Associates
- Selectronix

High Voltage/X-Ray
- Essex X-Ray

Shielding
- Essex X-Ray

Screened
- Cabletec ICS
- Essex X-Ray

Terminations
- Selectronix

Calibration

EMC Antennas
- National Physical Laboratory

Loop Antennas
- Mectronics Marine
- Schaffner

Cans

Arrays
- AMC
- AVX
- Globec (UK)
- Murata Electronics
- Oxley Developments
- Spectrum Control
- Syfer Technology
- TDK Electronics Europe

Ceramic
- AMC
- AVX
- Globec (UK)
- MPE
- Murata Electronics
- Oxley Developments
- Spectrum Control
- Syfer Technology
- TDK Electronics Europe

Electrolytic
- AVX

Films
- AVX Industrial Capacitors (Wrexham)
- PPM
- Selectronix

High Voltage
- AMC
- AVX
- Essex X-Ray
- Globec (UK)
- MPE
- Murata Electronics
- PPM
- Spectrum Control
- Syfer Technology
- TDK Electronics Europe

Interference Suppression
- AVX
- Globec (UK)
- MFD Capacitors
- MPE
- Murata Electronics
- Oxley Developments
- Selectronix

Planar
- AMC
- Oxley Developments
- Syfer Technology

Plastic Film
- AVX Industrial Capacitors (Wrexham)
- MFD Capacitors
- MPE
- PPM
- Selectronix

RF & SMT
- AVX
- Globec (UK)
- MPE
- Murata Electronics
- Selectronix
- Spectrum Control
- TDK Electronics Europe

Wet Tantalum Electrolytics
- AVX

EMC Yearbook 2010
Circuit Protection Devices

- **Fuse Holders**
  - Schurter

- **Fuse Links**
  - Schurter

- **Fuses - Non-Resettable**
  - AVX
  - Schurter

- **Fuses - PTC Resettable**
  - Murata Electronics
  - Schurter

- **Over Current**
  - Murata Electronics
  - Schurter

- **Overvoltage Protection**
  - AVX
  - AEF Solutions
  - Dem Manufacturing
  - Microwave Marketing
  - Murata Electronics
  - Schurter

- **Surge Arrestors**
  - DEM Manufacturing
  - Microwave Marketing
  - MPE

Conductive Materials

- **Adhesives**
  - Emerson & Cuming
  - Border Precision
  - Chomerics
  - HITEK Electronic
  - Materials
  - Ja-Bar Europe
  - Kemtron
  - Laird Technologies
  - P & P Technology
  - Schlegel EMI
  - Uvox

- **Caulking & Epoxy**
  - Border Precision
  - Chomerics
  - HITEK Electronic
  - Materials
  - Kemtron
  - Laird Technologies

- **Composites**
  - HITEK Electronic
  - Materials
  - Ja-Bar Europe
  - Laird Technologies

- **Dielectric Resins**
  - HITEK Electronic
  - Materials
  - Laird Technologies

- **Elastomers**
  - Chomerics
  - HITEK Electronic
  - Materials
  - Ja-Bar Europe
  - Kemtron
  - Laird Technologies
  - P & P Technology
  - Schlegel EMI
  - T.C. Shielding
  - Uvox

- **Foils, Textiles & Laminates**
  - Chomerics
  - HITEK Electronic
  - Materials
  - Kemtron
  - Laird Technologies
  - P & P Technology
  - Schlegel EMI
  - Uvox

- **Plastics**
  - Chomerics
  - HITEK Electronic
  - Materials
  - Ja-Bar Europe
  - Kemtron
  - Laird Technologies
  - P & P Technology
  - Precision Micro

- **Sheet Material**
  - Chomerics
  - HITEK Electronic
  - Materials
  - Ja-Bar Europe
  - Kemtron
  - Laird Technologies
  - P & P Technology
  - Precision Micro

- **Paints**
  - Chomerics
  - HITEK Electronic
  - Materials
  - Ja-Bar Europe
  - Kemtron
  - Laird Technologies
  - P & P Technology
  - Precision Micro

- **Conductive Laminates**
  - Kemtron
  - Laird Technologies
  - Uvox
Earthing Terminals
Selectronix
Westside Supplies
EN60320
Schruter
Fibre Optic
AEF Solutions
Sabritec
Selectronix
Filtered
AEF Solutions
AVX
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Globec (UK)
ITT Electronic
Components
Oxley Developments
Sabritec
Schruter
Selectronix
Spectrum Control
Westside Supplies
Printed Circuit
AEF Solutions
AVX
ITT Electronic
Components
Selectronix
Rack & Panel
AEF Solutions
AVX
ITT Electronic
Components
Rittal
Sabritec
Schruter
Selectronix
Rectangular
AVX
ITT Electronic
Components
Sabritec
Selectronix
RF Coaxial
AVX
ITT Electronic
Components
Microwave Marketing
Murata Electronics
Sabritec
Westside Supplies
Sealed
AVX
Selectronix
Shielded
AVX
ITT Electronic
Components
KEC
Oxley Developments
Sabritec
Schruter
Selectronix
Westside Supplies
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AEF Solutions
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Selectronix
Underwater
AVX
Selectronix
Waterproof
AVX
ITT Electronic
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dB Technology
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Hursley EMC Services
METECC
MIRA
P & P Technology
QinetiQ
Richard Marshall
TraC
TRW Connect
TUV Product Service
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Rittal
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Selectronix
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ITT Electronic
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Sabritec
Schruter
Selectronix
Spectrum Control
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Environmentally Sealed
AVX
Selectronix
Heavy Duty Multi-pole
ITT Electronic
Components
Selectronix
High Voltage
AEF Solutions
Essex X-Ray
ITT Electronic
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Rittal
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Rittal
SRS Products
Interface Housing, Moulded
SRS Products
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dB Technology
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SGS
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Radio General
Cobham Technical Services
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Cranage EMC & Safety Cre8 Associates
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PEL (Associates)
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TUV Product Service
York EMC Services

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MIRA QinetiQ
Richard Marshall SGS
TRaC TUV Product Service
York EMC Services

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Elmac Services Hursley EMC Services METECC
MIRA PEL (Associates) QinetiQ
Richard Marshall SGS
TRaC TRW Conekt TUV Product Service
York EMC Services

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Cobham Technical Services
Coreshield Cre8 Associates dB Technology
Elmac Services

Electrostatic Discharge
Visteon Engineering Services

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International EMC Mark
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EMC Notified Body
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Chomerics Laird Technologies T.C. Shielding
Spray Painting RS Coatings

Enclosures
Aluminium Barton Engineering & Export
Border Precision Coreshield Cove Industrial Enterprises
DEM Manufacturing Magnetic Shields Perancea
Precision Micro Rainford EMC Systems Rittal
Schroff UK Selectronix SRS Products

Custom Design
Coreshield Cove Industrial Enterprises
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<th><strong>Stainless Steel</strong></th>
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| Materials    |      |
| Laird Technologies |      |

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<th><strong>T.C. Shielding</strong></th>
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<td>Tundra Controls</td>
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<td>Dowding &amp; Mills</td>
</tr>
<tr>
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<td>Dowding &amp; Mills</td>
<td>Selectronix</td>
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<tr>
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BSC Filters

Bulkhead
AMC
Cre8 Associates
Globec (UK)
MIRA
Schaffner
Selectronix
Syfer Technology

Cavity
BSC Filters
Microwave Marketing
MIRA
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Chokes
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Schaffner
Selectronix
Spectrum Control
Spectrum Control

Drivers (Specific)
DEM Manufacturing
Schaffner

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Microwave Marketing
Telonic Instruments

EE Seal
Wurth Electronics UK

EMI Filter Windows
MDL Technologies
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P & P Technology
Uvox

Feedthrough
AMC
AVX
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Highpass
BSC Filters

Infra Red
Instrument Plastics

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Multiplexer
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Nato Codified
BSC Filters
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AMC
AVX
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Microwave Marketing
Sabritec
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Power Line
AC Technology Systems
AEF Solutions
AMC
AR UK
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DEM Manufacturing
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MDL Technologies
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Panashield (UK)
Rainford EMC Systems
Shielded Room

Semi-Custom Design

Resonator

Tunable Bandpass

R.F. Bandpass

R.F. Lowpass

Tunable Notch

Varistor

SMPS

Surface Mount

Switched

Switched Filter Bank

Tempest

Three Phase

Single Phase

UK Design and Manufacture

Finger Strips

Gaskets (see also Shielding Materials)

Clad Foam

Conductive Elastomers

Conductive EPTFE

Expanded Corrugated Foil

Flat Gaskets

Signal Line

EMC Yearbook 2010

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Generators

Rittal
Schroff UK
Uvox

Comb
AR UK
Dowding & Mills
EMC Partner (UK)
ETS-Lindgren
Hursley EMC Services
Laplace Instruments
York EMC Services

Continuous Broadband
Noise Source
HTT (UK)
Rohde & Schwarz UK
York EMC Services

EMP
AR UK
EMC Partner (UK)
ETS-Lindgren
HTT (UK)

ESD
AR UK
Dowding & Mills
EM Test
EMC Hire
EMC Partner (UK)
Haefely Test AG
HTT (UK)
Teseq

Mains Dips & Interrupts
AR UK
EM Test
EMC Partner (UK)
Frequensys
Haefely Test AG
HTT (UK)
Teseq

RFI (IEC61000-4-3)
AR UK
Dowding & Mills
Frequensys
HTT (UK)
Laplace Instruments
Teseq

RFI (IEC61000-4-6)
Laplace Instruments
Rohde & Schwarz UK

Surge
AR UK
Dowding & Mills
EM Test
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EMC Partner (UK)
Frequensys
Haefely Test AG
HTT (UK)
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Calibration
National Physical Laboratory

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Kemtron
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Mechanical Actuation Products
Multi-functional
Laird Technologies

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Attenuation
ETS-Lindgren
Electric Field
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Link Microtek

Magnetic Materials
Laird Technologies
Magnetic Shields

Mains Notified Body
MIRA

Metal Cans

Chomerics
Darchem Turbine Structures

SMD
AVX
Dexter Magnetic
Technologies Europe
Kemtron
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Selectronix
TDK Electronics Europe

R哲学
Laird Technologies

Prototyping
Border Precision
HITEK Electronic Materials
Kemtron
Laird Technologies
Magnetic Shields
P & P Technology
Perancea
Precision Micro
Uvox

Rittal
Schroff UK
Uvox

Rotary
Laird Technologies

Transient /Burst/Lightning
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AR Europe
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EM Test
EMC Hire
EMC Partner (UK)
Haefely Test AG
HTT (UK)
Teseq

Ground Planes
Rainford EMC Systems
I. Thomas
TRW Conekt

Transients/Impulse

Harmonics & Flicker Test Systems

Vibration

Inductors

LVD Notified Body
MIRA
Sgs
Tria
TUV Product Service
York EMC Services

Machinery Directive Notified Body
MIRA
Tria

Metallic Honeycomb

Chomerics
Darchem Turbine Structures

Mutuals

Mains Chokes

Mains Notified Bodies

Notified Bodies

ACA Approved
TUV Product Service
AEMCLRP Approved
3C Test
MIRA

Perancea

Proctoring

Power Chokes
DEM Manufacturing
Dexter Magnetic
Technologies Europe
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Microwave Marketing
Murata Electronics
Schaffner
Selectronix
TDK Electronics Europe

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HITEK Electronic Materials
Kemtron
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Perancea
Precision Micro
Uvox

Radiation Hazard
ETS-Lindgren
Laplace Instruments
Link Microtek

Schaffner
Selectronix
TDK Electronics Europe
Wurth Electronics UK

Schaffner
Selectronix
TDK Electronics Europe
Wurth Electronics UK

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Socketing

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Laird Technologies

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Uvox

Standard
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Kemtron
Laird Technologies
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P & P Technology
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Starters

Statutory

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AR Europe
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EM Test
EMC Hire
EMC Partner (UK)
Haefely Test AG
HTT (UK)
Teseq

UHF Excitation

Voltage Dips & Interruption

Validating

Wallborn

Welding

Xenon Discharge

Yamaha

York EMC Services

York EMC Services

York EMC Services

York EMC Services
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<table>
<thead>
<tr>
<th>Power Supplies &amp; Power Conditioning</th>
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<td>AC Power Sources</td>
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<td>AR UK</td>
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<td>Rittal</td>
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<td>OATS Hardware</td>
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<td>EUT Platforms</td>
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<tr>
<td>EMC Hire</td>
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<td>Probe Mounts</td>
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<tr>
<td>EMC Hire</td>
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<td>Rohde &amp; Schwarz UK</td>
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<tr>
<td>Turntable Masts</td>
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Services

Accreditation Advice
- Cre8 Associates
- DEM Manufacturing
- Elmac Services

Acoustic Noise Testing
- QinetiQ
- TRaC

Anechoic Chamber Testing
- BAE SYSTEMS Warton
- EMC Hire
- ETS-Lindgren
- MDL Technologies
- Mectronics Marine
- Q-Par Angus
- QinetiQ
- Teseq
- TRaC

Antenna Calibration
- Cranage EMC & Safety
- Dowding & Mills
- Electronic Test & Calibration
- EM Test
- ETS-Lindgren
- MDL Technologies
- Mectronics Marine
- Q-Par Angus
- QinetiQ
- Teseq
- TRaC

CE Services
- 3C Test
- Cherry Clough
- Consultants
- Cobham Technical Services
- Cranage EMC & Safety
- Electronic Test & Calibration
- Elmac Services
- Hursley EMC Services
- Mead Testing
- MIRA
- PEL (Associates)
- QinetiQ
- SGS
- Teseq
- TRaC

Approved CAB for EMC
- Cranage EMC & Safety
- Dowding & Mills
- Electronic Test & Calibration
- EM Test
- ETS-Lindgren
- MDL Technologies
- Mectronics Marine
- Q-Par Angus
- QinetiQ
- Teseq

Architectural Shielding
- Cherry Clough
- Consultants
- Cobham Technical Services
- Coreshield
- ETS-Lindgren
- MDL Technologies
- MIRA
- P & P Technology
- Q-Par Angus
- Rainford EMC Systems
- Teseq
- TRaC

Certifications
- 3C Test
- Cranage EMC & Safety
- Electronic Test & Calibration
- Hursley EMC Services
- Mead Testing
- MIRA
- PEL (Associates)
- Q-Par Angus
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Chamber Maintenance & Relocation
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- I. Thomas
- TRaC

Computer-Aided Analysis
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- TRaC

Design
- 3C Test
- AEF Solutions
- Cherry Clough
- Consultants

Displacement
- Murata Electronics

EMC & Tempest
- 3C Test
- AEF Solutions
- BAE SYSTEMS Warton
- Cherry Clough
- Consultants

EMI & EMF
- EMC Partner (UK)
- PPM
- Rohde & Schwarz UK

EMT
- PPM
- Rohde & Schwarz UK

EMC Hire
- PPM
- Rohde & Schwarz UK

Environmental Shielding
- Cherry Clough

ETL/UL
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- MIRA
- Q-Par Angus
- SGS
- TRaC

Installation/Service
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- Teseq
- TRaC

ISO 9000
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

ITT
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Lighting Testing
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

MCE & EMP
- AEF Solutions
- BAE SYSTEMS Warton
- Cherry Clough
- Consultants
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- MIRA
- Q-Par Angus
- SGS
- TRaC

RoHS Directive
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Reference Sources
- Laplace Instruments
- TRaC
- York EMC Services

Rental
- EMC Hire
- Rohde & Schwarz UK
- Telionic Instruments

R&TTE Notified Body
- ATCB
- MIRA
- QinetiQ
- SGS
- TRaC
- TUV Product Service

RoHS Directive
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Sensor
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Sensors
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

SMT
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Software
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Tempest
- PPM
- Rohde & Schwarz UK

TMD
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Testing for America
- Cranage EMC & Safety
- Dowding & Mills
- Electronic Test & Calibration
- EM Test
- ETS-Lindgren
- MDL Technologies
- Mectronics Marine
- Q-Par Angus
- QinetiQ
- Teseq

Universal
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Video
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Williamson
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Wireless
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC

Yuri
- Cranage EMC & Safety
- Elmac Services
- ETS-Lindgren
- Panashield (UK)
- Rainford EMC Systems
- SGS
- Teseq
- TRaC
EMC Yearbook 2010

14

FIMKO (FI)
Field Uniformity
FCC
ETL Listing
FIMKO (FI)
SGS

EMC Modelling
BAE SYSTEMS Warton
Cobham Technical
Services
Elmac Services
MIRA
QinetiQ
TRW Conckt

EMC Pre-Compliance
AQL EMC
Cre8 Associates
METECC
TraC

ENEC Mark
SGS
TUV Product Service

Environmental Testing
Cranage EMC & Safety
Electronic Test & Calibration
MIRA
QinetiQ
TraC
TRW Conckt
TUV Product Service

ESD
3C Test
AEF Solutions
BAE SYSTEMS
Cherry Clough Consultants
Cobham Technical Services
Cranage EMC & Safety
Cre8 Associates
DEM Manufacturing
Dowding & Mills
Elmac Services
EM Test
Hursley EMC Services
METECC
MIRA
PEL (Associates)
QinetiQ
SGS
Teseq
TraC
TUV Product Service

International EMC
Standards Translations
MIRA
QinetiQ
SGS

International Marketing
SGS

KEMA Mark
TraC

Keymark Approvals
SGS

Lightning
Cherry Clough Consultants
Cobham Technical Services
TraC
TRW Conckt

LOVAG Approvals
SGS

LVD
3C Test
Cherry Clough Consultants
Cobham Technical Services
Cranage EMC & Safety
Cre8 Associates
Electronic Test & Calibration
Hursley EMC Services
Mead Testing
MIRA
PEL (Associates)
SGS
TraC
TUV Product Service

Management
AQL EMC
Cherry Clough Consultants
Cobham Technical Services
Cre8 Associates
Elmac Services
MIRA
QinetiQ
TraC
TRW Conckt

Microwave
P & P Technology
Q-Par Angus
TMD

NSA & NSTL Testing
EMC Hire

Probe Calibration
Cranage EMC & Safety
Dowding & Mills
Electronic Test & Calibration
Teseq

Product Safety/Quality
Cherry Clough Consultants
Cobham Technical Services
METECC
MIRA
TraC
TUV Product Service

Product Safety & Quality
Management
Cherry Clough Consultants
Cobham Technical Services

Rainford EMC Systems
QinetiQ

Site Attenuation Testing
AQL-EMC
Cherry Clough Consultants
Cobham Technical Services

Site Surveys
A C Technology Systems
AQL-EMC
Cherry Clough Consultants
Cobham Technical Services

Sikorsky

Site Surveys EMF
AQL EMC
Cherry Clough Consultants
Cobham Technical Services
Cranage EMC & Safety
Cre8 Associates
MDL Technologies

Site Surveys ESD
Cherry Clough Consultants
Cobham Technical Services

SGS

ESD

FCC

ETL Listing

Field Uniformity
Electronic Test & Calibration

EMC Hire

EMC Hire

EMC Modelling

EMC Pre-Compliance

ENEC Mark

Environmental Testing

ESD

International EMC

International Marketing

Keymark Approvals

Lightning

LVD

Management

Rainford EMC Systems

Site Attenuation Testing

Site Surveys

Site Surveys EMF

Site Surveys ESD

14
Site Surveys RF
Cobham Technical Services
MDL Technologies
System Assessment EMP, SGEMP, EMI
A C Technology Systems
Cherry Clough Consultants
Cobham Technical Services
MIRA
QinetiQ
TUV Product Service
Tempest
BAE SYSTEMS Warton
Cherry Clough Consultants
Cranage EMC & Safety Services
Cranage EMC & Safety Ongoing Assessment EMP, Site Surveys RF

Shielding Materials (see also Gaskets)

Architectural
AQL EMC
Global EMC UK
HITEK Electronic Materials
Ja-Bar Europe
Kemtron
Laird Technologies
P & P Technology
Schlegel EMI
Uvox

Board Level Screening
Border Precision
Chomerics
Kemtron
Laird Technologies
Peranee
Precision Micro
Schlegel EMI
T.C. Shielding
Uvox

Coatings RFI/EMI
Chomerics
Emerson & Cuming
HITEK Electronic Materials
Laird Technologies
Oxley Developments
P & P Technology
Peranee
RS Coatings
Uvox

Fabric
Chomerics
HITEK Electronic Materials
Kemtron
Laird Technologies
P & P Technology
T.C. Shielding
Uvox

Foils & Sheets
AQL EMC
Chomerics
Global EMC UK
HITEK Electronic Materials
Ja-Bar Europe
Kemtron
Laird Technologies
Magnetic Shields
P & P Technology
Rainford EMC Systems
Schlegel EMI
T.C. Shielding

Honeycomb, EMC Airflow
Border Precision
Chomerics
Darchem Turbine Structures
ETS-Lindgren
HITEK Electronic Materials
Kemtron
Laird Technologies
Ja-Bar Europe
P & P Technology
Rainford EMC Systems
Schlegel EMI
Uvox

Honeycomb, EMC Airflow
Border Precision
Chomerics
Darchem Turbine Structures
ETS-Lindgren
HITEK Electronic Materials
Kemtron
Laird Technologies
Ja-Bar Europe
P & P Technology
Rainford EMC Systems
Schlegel EMI
Uvox

Materials RF
Chomerics
Darchem Turbine Structures
Emerson & Cuming
Global EMC UK
HITEK Electronic Materials
Kemtron
Laird Technologies
Oxley Developments
Rainford EMC Systems
T.C. Shielding
Uvox

Mu-Metal Shielding
HITEK Electronic Materials
Kemtron
Laird Technologies
Magnetic Shields
P & P Technology
Precision Micro
Rainford EMC Systems
Rittal

Paints
Chomerics
HITEK Electronic Materials
Kemtron
Laird Technologies
Rittal
Uvox

Spring Gaskets
Border Precision
Chomerics
HITEK Electronic Materials
Kemtron
Laird Technologies
P & P Technology
Precision Micro
Rittal
Uvox

Tubing
Cabletec ICS
Chomerics

Honeycomb, EMC Airflow
Border Precision
Chomerics
Darchem Turbine Structures
ETS-Lindgren
HITEK Electronic Materials
Kemtron
Laird Technologies
Ja-Bar Europe
P & P Technology
Rainford EMC Systems
Schlegel EMI
Uvox

Windows
Border Precision
Chomerics
Global EMC UK
HITEK Electronic Materials
Instrument Plastics
Ja-Bar Europe
Kemtron
Laird Technologies
Oxley Developments
Rainford EMC Systems
Rittal
Schlegel EMI
Slater Plastics
Uvox

Anechoic Chambers
A C Technology Systems
AR UK
ESC Partner (UK)
ETS-Lindgren
Frequensys
Laplace Instruments
MDL Technologies
Panashield (UK)
Phi@Falmouth Ltd
Rainford EMC Systems
TDK Electronics Europe
Uvox

Anechoic Chambers (Compact + CISPR16)
Frequensys
Global EMC UK
MDL Technologies
Panashield (UK)

Cabin
A C Technology Systems
Barton Engineering & Export
Coresheild
ESC Partner (UK)
ETS-Lindgren
Frequensys
Global EMC UK
MDL Technologies
Phi@Falmouth Ltd
Rainford EMC Systems
TDK Electronics Europe
Uvox

Doors
A C Technology Systems
AR UK
Barton Engineering & Export
Coresheild
**Shielding Process**

### Application of RFI/EMI Coatings
- Chomerics
- Laird Technologies
- Oxley Developments
- P & P Technology
- RS Coatings

**Shielding Services**

### MIRA
RFI/EMI Shielding for all Plastic Enclosures
- AQL EMC
- Cherry Clough Consultants
- Chomerics
- Laird Technologies
- P & P Technology
- Rittal
- RS Coatings

**Simulators**

### EMP
AQL EMC
AR UK
EMC Partner (UK)

### ESD
AQL EMC
AR UK
EM Test
EMC Partner (UK)
Frequensys
Haefely Test AG
QinetiQ

### Fast Transient Burst
AR UK
EM Test
EMC Partner (UK)
Frequensys
Haefely Test AG
QinetiQ

### Magnetic Health
- Rohde & Schwarz UK

### Monitoring
EM Hire

### Software

#### Antenna Design
- CST

#### CD Rom’s
- Link Microtek

#### EMI/EMI Related
- Chomerics
- Laird Technologies
- Oxley Developments
- P & P Technology
- RS Coatings
- Uvox

#### EMP
- Rohde & Schwarz UK

#### EMF
- Rohde & Schwarz UK

#### Fast Transient Burst
- Rohde & Schwarz UK

#### Lightning
- Rohde & Schwarz UK

#### Mains Drops & Variations
- Rohde & Schwarz UK

#### Standards

### British
- AQL EMC
- Haefely Test AG
- Hursley EMC Services
- P & P Technology
- QinetiQ
- TRaC
- TÜV Product Service

### Commercial
- Haefely Test AG
- Hursley EMC Services

### Subracks and Modules

#### Custom Design
- DEM Manufacturing
- Rittal
- Schroff UK
- SRS Products

#### Custom Enclosure
- Cove Industrial Enterprises

#### EMC
- Rittal
- Schroff UK
- SRS Products

#### Eurocard
- Rittal
- Schroff UK
- SRS Products

#### Static Control & Lightning Protection
- Cherry Clough Consultants
- Globec (UK)
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Test Set
Magnetic Immunity
Stabilisation Networks
Line Impedance

Immunity Test Systems
AR UK
Dowding & Mills
EM Test
EMC Hire
EMC Partner (UK)
Frequensys
Haefely Test AG
HTT (UK)
Laplace Instruments
MDL Technologies
Rohde & Schwarz UK
TDK Electronics Europe
Teseq

Large Loop Antennas
AR UK
Dowding & Mills
EMC Partner (UK)
Frequensys
Haefely Test AG
HTT (UK)
Laplace Instruments
MDL Technologies
Rohde & Schwarz UK
Teseq

LCR Bridges
AR UK
Telonic Instruments

Leasing & Rental
Agilent Technologies UK
EM Test
EMC Hire
Telonic Instruments
Teseq
TMD

Line Impedance

Stabilisation Networks (LISNS)
AR UK
Cranage EMC & Safety
Dowding & Mills
EM Test
EMC Hire
EMC Partner (UK)
ETS-Lindgren
Frequensys
Haefely Test AG
Laplace Instruments
MDL Technologies
Richard Marshall
Rohde & Schwarz UK
Teseq

Magnetic Immunity Test Set
AR UK
Dowding & Mills
EM Test
EMC Partner (UK)
Frequensys
Haefely Test AG
HTT (UK)
Teseq

Oscilloscopes
Agilent Technologies UK
Telonic Instruments
TTe

Partial Discharge Detectors
Haefely Test AG
HTT (UK)

Power Amplifiers
AR UK
AR Europe
Dowding & Mills
EM Test
EMC Hire
EMC Partner (UK)
Frequensys
Haefely Test AG
HTT (UK)
Laplace Instruments
MDL Technologies
Rohde & Schwarz UK
Teseq

Power Analyzers
Agilent Technologies UK
AR UK
EMC Partner (UK)
Haefely Test AG
HTT (UK)
Laplace Instruments
MDL Technologies
Rohde & Schwarz UK
Teseq

Power Meters
Agilent Technologies UK
AR UK
AR Europe
Frequensys
HTT (UK)
Laplace Instruments
Rohde & Schwarz UK
Teseq

Power Oscillators
HTT (UK)
TMD

Pre-amplifiers
Agilent Technologies UK
AR UK
AR Europe
Dowding & Mills
EMC Hire
Frequensys
Laplace Instruments
Rohde & Schwarz UK
Teseq

Pre-selectors
Agilent Technologies UK
Dowding & Mills
Laplace Instruments
Teseq

Programmable Loads
Agilent Technologies UK
AR UK
Frequensys
MDL Technologies
Telonic Instruments
TTe

Receivers
Agilent Technologies UK
AR UK
Dowding & Mills
EMC Partner (UK)
Laplace Instruments
PPM
Rohde & Schwarz UK
Teseq

Reference Source
AR UK
ETS-Lindgren
Frequensys
Laplace Instruments
Teseq

Repair & Calibration
Agilent Technologies UK
AR UK
Dowding & Mills
EM Test
EMC Partner (UK)
ETS-Lindgren
Haefely Test AG
Rohde & Schwarz UK
Teseq

Signal Generators
Agilent Technologies UK
AR UK
AR Europe
Dowding & Mills
EM Test
Haefely Test AG
Laplace Instruments
Rohde & Schwarz UK
Teseq

Spectrum Analyzers
Agilent Technologies UK
AR UK
Dowding & Mills
EMC Partner (UK)
Laplace Instruments
Rohde & Schwarz UK
TTe

Spectrum Analyzers PC Controlled
A C Technology Systems
Laplace Instruments
TEM Cells
AG UK
Frequensys
Link Microtek
MDL Technologies
Teseq

Tempest Test Equipment
Dowding & Mills
HTT (UK)
PPM
Rohde & Schwarz UK
Teseq

Transient Measuring Devices
Cherry Clough Consultants
EM Test
HTT (UK)
Hursley EMC Services
MDL Technologies
PPM
Teseq

Test Houses & Testing Services

Acoustic Noise Testing
BAE SYSTEMS Warton
MIRA
QinetiQ
R N Electronics
TRaC

Anechoic Chamber Testing
db Technology
EMC Centre (Paisley)
QinetiQ
R N Electronics
TRaC

Antenna Calibration
Electronic Test & Calibration
R N Electronics

Audio Testing
R N Electronics
SGS
York EMC Services

Automotive
3C Test
Cranage EMC & Safety
db Technology
Electromagnetic Testing Services
Electronic Test & Calibration
MTECC
MIRA
QinetiQ
R N Electronics
TRaC
TRW Conekt
TUV Product Service
Visteon Engineering Services

BSMI
Hursley EMC Services

Cable Testing
AQL EMC
Cobham Technical Services
Cranage EMC & Safety
DEM Manufacturing
Electronic Test & Calibration
EMC Centre (Paisley)
QinetiQ
R N Electronics
SGS
TRaC
York EMC Services

CE Compliance
3C Test
Blackwood EMC
Cherry Clough Consultants
Cranage EMC & Safety
db Technology
DEM Manufacturing
Electromagnetic Testing Services
Electronic Test & Calibration
EMC Centre (Paisley)
Hursley EMC Services

EMC Yearbook 2010
Electromedical Devices
Testing
METECC
EMC
AQL-EMC
BAE SYSTEMS Warton
BAE SYSTEMS
Blackwood EMC
Cherry Clough
Consultants
Cranage EMC & Safety
d Technology
DEM Manufacturing
Electromagnetic
Testing Services
Electronic Test & Calibration
EMC Centre (Paisley)
Hursley EMC Services
Interconics
Mead Testing
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MIRA
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QinetiQ
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TRW Conekt
TUV Product Service
York EMC Services

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Cranage EMC & Safety
Electromagnetic
Testing Services
Hursley EMC Services
Mead Testing
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R N Electronics
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TUV Product Service
York EMC Services

GSM
d Technology
TUV Product Service
York EMC Services

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Electronic Test & Calibration
Mead Testing
TRaC
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TUV Product Service
York EMC Services

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AQL-EMC
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Cranage EMC & Safety
d Technology
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Electronic Test & Calibration
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Hursley EMC Services
Interconics
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TUV Product Service
York EMC Services

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Hursley EMC Services
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TUV Product Service
York EMC Services

Instrument Calibration
Dowding & Mills
Electronic Test & Calibration
Cranage EMC & Safety
d Technology
DEM Manufacturing
Electromagnetic
Testing Services
EMC Centre (Paisley)
Hursley EMC Services
Interconics
Mead Testing
METECC
MIRA
PEL (Associates)
QinetiQ
R N Electronics
SGS
TRaC
TRW Conekt
TUV Product Service
York EMC Services

Mobile On-site
AQL-EMC
BAE SYSTEMS Warton
Cobham Technical
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Cranage EMC & Safety
d Technology
DEM Manufacturing
Electromagnetic
Testing Services
EMC Centre (Paisley)
Hursley EMC Services
Interconics
Mead Testing
METECC
MIRA
PEL (Associates)
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TRW Conekt
TUV Product Service
York EMC Services

Mobile Phone Testing
SGS
Noise
BAE SYSTEMS Warton
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**EMC Yearbook 2010**
VCA Approved Test
House for EC Directive
3C Test
Cranage EMC & Safety
Electromagnetic
Testing Services
Hursley EMC Services
MIRA
QinetiQ
R N Electronics
SGS
TRA
TRW Conekt
TUV Product Service

VCCI
3C Test
Hursley EMC Services
R N Electronics
TRA
TUV Product Service
York EMC Services

Whole Vehicle EMC Test
3C Test
AQL EMC
QinetiQ
TRA
TUV Product Service

Training

Computer Based
BAE SYSTEMS Warton
Link Microtek

Designing for EMC
BAE SYSTEMS Warton
Cherry Clough
Consultants
Cobham Technical
Services
Cre8 Associates
Elmac Services
Hursley EMC Services
METECC
MIRA
QinetiQ
Richard Marshall
SGS
The EMC Centre
TRA
TUV Product Service
York EMC Services

Education
Cherry Clough
Consultants
Cre8 Associates
Elmac Services
Hursley EMC Services
Link Microtek
METECC
MIRA
QinetiQ
Richard Marshall
SGS
The EMC Centre
TRA
TUV Product Service
York EMC Services

EMC Design & Measurement
Cobham Technical
Services
QinetiQ
TRA
York EMC Services

EMC Measurement
AR UK
Cherry Clough
Consultants
Cobham Technical
Services
EIC 61508
Cherry Clough
Consultants
Cobham Technical
Services
Interactive Workshops
QinetiQ
York EMC Services

Intro to EMC
AR UK
Cherry Clough
Consultants
Cobham Technical
Services
Cre8 Associates
Elmac Services
Hursley EMC Services
METECC
MIRA
QinetiQ
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TUV Product Service
York EMC Services

Machinery Directive
Cherry Clough
Consultants
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TUV Product Service
York EMC Services

Market Entry Requirements
MIL-STD
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Services
Cre8 Associates
Elmac Services
Hursley EMC Services
QinetiQ
TRA
TUV Product Service
York EMC Services

Radiation Hazards
AR UK
Cobham Technical
Services
Elmac Services
Hursley EMC Services
Link Microtek
METECC
SGS
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TUV Product Service
York EMC Services

Training-Explosive Atmospheres
TRA
Training-LVD
Cherry Clough
Consultants
Cobham Technical
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TUV Product Service
York EMC Services

Training-Medical Devices
Cherry Clough
Consultants
Hursley EMC Services
METECC
York EMC Services

Training-Product Liability
Cherry Clough
Consultants
Hursley EMC Services

Training-Product Safety
AR UK
Cherry Clough
Consultants
Cobham Technical
Services
TUV Product Service
York EMC Services

Transformers

Encapsulation
Arthur Electronics UK

High Voltage Pulse
Alrad Instruments
PPM
TDK Electronics Europe

Isolation
PPM
TDK Electronics Europe
Arthur Electronics UK

LAN
Arthur Electronics UK

LF-Audio
Arthur Electronics UK

Low Voltage Pulse
TDK Electronics Europe

SMPS
TDK Electronics Europe
Arthur Electronics UK

Transient Arresters/Suppressors

AEF Solutions
DEM Manufacturing
ETS-Lindgren
Globec (UK)
Microwave Marketing
MPE
Sabritec

Turntables

AR UK
ETS-Lindgren
MDL Technologies
Panashield (UK)
I. Thomas

Vents

Chomerics
HITEK Electronic Materials
Kemtron
Laird Technologies
P & P Technology
Rainford EMC Systems
I. Thomas

Honeycomb Shielded Panels
Global EMC
Videos
RF Hardened Camera Systems
Rainford EMC Systems

WEEE Directive
Cobham Technical Services

Wireless LAN & Blue Tooth Components
Blue Tooth Modules
Laird Technologies
Murata Electronics
Chip Antenna
AVX
Laird Technologies
Murata Electronics
Wurth Electronics UK
Chip Baluns
AVX
Murata Electronics
Wurth Electronics UK
Chip Band Pass Filters
AVX
Murata Electronics
Wurth Electronics UK
Chip Low Pass Filters
AVX
Murata Electronics
Wurth Electronics UK

Wireless Testing
Rainford EMC Systems
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East Lothian, Corwall PL3 1HH
Tel: +44 (0)1285 657756
Fax: +44 (0)1285 652362
Email: filipps@msn.com

A.C. Technology Systems Ltd specialises in the design, development and supply of modules and systems associated with the protection of equipment and structures from the effects of both radiated and conducted electromagnetic interference.

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The EMcia was formed on 20th March 2002 for the benefit of companies involved in Supplying, Designing, Testing and Manufacturing EMC products. Networking lunches are held twice a year. The current President is Keith Armstrong CEng MIET MIEEE ACGI, Cherry Clough Consultants.

The EMcia is led by an Executive team appointed from its members. Decisions that do not affect the constitution are made at this level, thereby ensuring actions can be introduced in an efficient manner. For a list of Executive Committee Members go to the website www.emcia.org.

If you are interested in joining and you would like to attend a meeting as a guest, just contact the Secretariat on emcia@emcia.org. The meetings are held twice a year.


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Telephone: +44 (0)1208 851530,  Fax: +44 (0)1208 851630,  Email: emcia@emcia.org  Web: www.emcia.org
This book comprehensively describes a practical and cost-effective procedure to potentially help to save lives and reduce injuries where electronics technologies are used in all types of safety-implicated products, systems and installations.

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Nutwood UK Limited is licensed to print and sell this book throughout the world.

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Compiled by Keith Armstrong on behalf of The EMC Journal and published by Nutwood UK Ltd.

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Author: Keith Armstrong C.Eng MIEE MIEEE ACGI BSc (Hons)

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