



ORGANISERS OF INSUCON

MEMBERSHIP AND PRODUCT GUIDE

ELECTRICAL INSULATION ASSOCIATION



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MEMBERS OF THE ELECTRICAL INSULATION ASSOCIATION

AEV Ltd

Marion Street, Birkenhead, Merseyside, CH41 6LT
Tel: +44 (0) 151 647 3322
e-mail: jonathan@aev.co.uk
Website: www.aev.co.uk

AEV Ltd manufactures insulating varnishes, resins and compounds for supply to the electrical and electronics industries world-wide. With strategically placed operations in the U.K, Spain and Malaysia, the range can be supplied to most export markets including the 75 already serviced.

ALSTOM GRID Research & Technology

St Leonards Avenue, Stafford, ST17 4LX
Tel: +44 (0) 1785 786507
e-mail: paul.howard@alstom.com e-mail:
Website: www.alstom.com

Specialists in design, development and prototype manufacture of high voltage electrical insulation systems. Void free filament winding of epoxy based composites. Vacuum casting, encapsulation and impregnation using traditional or thermally conducting thermoset resins. Environmental and high voltage qualification and testing.

Attwater Group

Hopwood Street, Preston, Lancashire PR1 1UN
Tel: +44 (0)1772 258245
e-mail: info@attwater.com
Website: www.attwater.com

Leading UK manufacturer and machinist of engineering composites sheet, tube and rod. Bespoke manufacture and CNC machining of high performance composites. Sectors supplied include aerospace, automotive, railways, marine, electrical equipment, petrochemical, nuclear and engineering.

Bastion Glassfibre Rod & Sections Ltd

12 Harvey Close, Crowther Industrial Estate,
District 3, Washington, Tyne & Wear NE38 0AB
Tel: +44 (0) 191 416 6394
e-mail : jeff.redmayne@bastion-ltd.co.uk
Website : www.bastion-ltd.co.uk

Bastion is the leader in pultrusion of epoxy bonded glassfibre reinforced rods and sections. We manufacture a unique series of tie rods and silicone rubber covered insulators with crimped metallic end fittings. Used within the switchgear and railway electrification industries.

Cable Tapes (UK) Ltd.

New St Marks Works, New Marks Lane,
Manchester
M7 4FE

Telephone 0161 740 9503
e-mail: Sally@cabletapesuk.com
Website : www.cabletapesuk.com

We provide a single source for all cable-lapping tapes to the UK and European cable industry. Our core products are mica tapes and other mica products which can be manufactured to individual customer specifications, polyester tapes and other non-insulating cable tapes, woven glass tapes and a full portfolio of film, laminate, metal and water blocking tape products.

We pride ourselves on providing the highest level of customer service along with excellent value for money.

Caparo Insulation Ltd

P.O.Box 36, Corngreaves Road, Cradley Heath,
West Midlands, B64 7DQ
Telephone 01384 563210

e-mail: Shaun.Parry@caparo-insulation.com
CMT Insulation, now rebranded to Caparo Insulation, have over 80 years' experience in rigid and flexible Industrial insulation products. We are a UK distributor for SINDANYO, NAD 500, THERMALATE materials as well as the PROMAT range of HTI Calcium Silicates such as MONOLUX, DURATEC 750 / 1000 & XP and the MONALITE range & also a fully equipped Gasket making facility. We offer a full machining service to clients bespoke designs as well as material consultation.

Capmark Ltd

Forest Vale Road, Cinderford, Gloucs, GL14
2PH

Tel: +44 (0) 1594 824532
e-mail: sales@capmark.ltd.uk
Website: www.capmark.ltd.uk

Manufacturer of a wide range of insulated components used in MV and HV distribution switchgear and transformers. Processes employed include vacuum casting, pressure gelation casting, transfer moulding, filament winding and the manufacture of capacitance graded bushings in SRBP.

Circuit Component Supplies Ltd

Unit 4, Lynstock Way, Bolton, Lancs, BL6 4SA
Tel: +44 (0) 1204 460360
e-mail: sales@ccstapes.co.uk
Website: www.ccstapes.co.uk

Manufacturer of an extensive and sophisticated range of technical self-adhesive tapes for a wide range of applications in many sectors, including the electrical, electronic, telecommunication, aerospace industries and powder coating tapes and die-cuts for the finishing industries.

Croylek Limited

23 Ullswater Crescent, Coulsdon, Surrey, UK CR5 2UY

Tel: +44 (0)20 8668 1481

e-mail: sales@croylek.co.uk

Supplier of a wide range of electrical insulation materials, cables and harnessing products used in all electrical industries as well as automotive and transport systems. The range includes sleeveings, tapes, expandable braids, laminates, rigids, and flexibles, high temperature cables, varnishes, and silicones, many of these carrying UL and other approvals.

ELANTAS Beck Gmbh

Keate House, 1 Scholar Green Road, Cobra Court, Manchester, M32 0TR

Tel: +44 (0) 161864 1869

e-mail : Andrew.Keefe@altana.com

website : www.elantas.com

ELANTAS Electrical Insulation is a global manufacturer and supplier of resinous materials. Products include wire enamels, impregnating resins and varnishes, sealing compounds, and casting resins, which are used in the manufacture of electric motors, transformers, generators, capacitors, printed circuit boards, sensors and electronic modules.

Esspee Fabrications Ltd

Merton Bank Road, St Helens, Merseyside, UK, WA9 1DZ

Tel: +44 (0)1744 28304

e-mail: davidcarrington@esspee.com

Website: www.esspee.co.uk

Esspee manufactures a wide range of composite and insulation materials which are supplied into the electrical, medical, general engineering and rail industries. These include materials for electrical insulation used in switchgear equipment, engineering and thermo plastics, and laminated composite bearings and wear pads for the general engineering and rail industries.

Haysite Reinforced Plastics Ltd

Greenhill Industrial Estate, Birmingham Road, Kidderminster, DY10 2RN

Tel. 01562 512528

e-mail: DTurford@haysite.com

Website: www.haysite.com

Haysite Reinforced Plastics, Erie, PA, is a worldwide leader in the formulation and processing of thermoset composite materials. Since 1954, we have offered the broadest product line in the industry in laminated sheet, custom moulded parts, pultruded shapes and moulding compound.

Hi-Wire Ltd

Unit E4 , Willowbridge Way, Castleford, WF10 5NP

Tel. 01977 522911

e-mail: darren.goldthorpe@spsx.com

Website: www.hi-wire.co.uk

Hi-Wire is the largest stockist and supplier of enamelled copper wire, enameled copper flat wire and motor repair related ancillary products in the UK.

Huntsman Advanced Materials (UK) Ltd.

Ickleton Road, Duxford , Cambridge CB22 4XQ

Telephone: +44 (0) 1223 83 2121

e-mail: vaughan_dickinson@huntsman.com

Website: www.huntsman.com

A global leader and manufacturer of Araldite® epoxy resin systems, and Arathane® polyurethane resin systems for electrical components. Thermosetting resin systems for manufacture of insulation components for LV, MV and HV electrical equipment and for the consumer-electrical and automotive industries. ISO 9001:2000 and BS-EN-ISO 14001:2004 certified.

IMS Wright Refractories

Building 62 Third Avenue, Pensnett Trading Estate,

Kingswinford, DY6 7XT

Tel : 01384 270 761

e-mail : matthew.bate@ims-insulation.com

Website : www.ims-insulation.com

IMS specialises in the manufacture, machining and supply of high temperature insulation materials and components for use throughout industry world-wide.

Insulation Ltd

Plas Clough Farm, Graig Road, Denbigh, LL16 5US

Tel : 01745 814723

e-mail: insulation@btinternet.com

Website: www.insulation-ltd.com

Flexible multi-layer insulation materials for use in electrical machines as interlayer, slot and inter-phase insulation. Components and materials of pressboard and presspaper for use in oil-filled power transformers and distribution transformers.

Jones Stroud Insulations Ltd

(A Member of the Krempel Group)

Longridge, Preston PR3 3BS, UK

Tel: +44 (0)1772 783 011

e-mail: info@jsi.krempel.com

Website: www.krempel-group.com

Manufacturer of a wide range of electrical insulation materials for LV and HV rotating machines, transformers and cables as well as other specialist coil markets, including micapaper composites for resin rich and VPI technology, pre-pregs, sealing tapes, sleeveings, woven tapes, bracing cords and conductive materials for complete insulation systems.

Lamina Dielectrics Ltd.

Daux Road, Billingshurst, West Sussex, RH14 9SJ

Telephone 01403 783131

Fax 01403 782237

e-mail: malcolm.berry@lamina.uk.com

Lamina Dielectrics Ltd leads the world in the manufacturing of Heat Shrink and Non Shrink Tubes and Endcaps that provide electrical insulation as well as mechanical protection. Laminas unique spiral-winding and extrusion technology use UL approved materials under UL registration E348131 to manufacture thermal protectors, loudspeaker voice coil formers, battery sleeves and components that provide reliable protection fro electric motors hermetic compressors and transformers.

Langtec Limited

1 Calder Court, Altham, Accrington, BB5 5YB

Tel: +44 (0)1282 772 544

e-mail : info@langtec.co.uk

Website : www.langtec.co.uk

Langtec are manufacturers and machinists of parallel and tapered tubular products in mica, epoxy, silicone, melamine, polyester, phenolic and carbon fibre. With Shannonvale fibre tubes in Southern Ireland part of the Langtec group, tubes of up to 4 meters long can be supplied. Quality approval ISO 9001.

M&I Materials Ltd.

Hibernia Way, Trafford Park, Manchester, M32

0ZD, UK

Telephone: +44 (0) 161 864 5449

e-mail: RussellMartin@mimaterials.com

Website : www.mimaterials.com

At M&I Materials we produce Midel, the world's leading brand of ester-based dielectric fluids. Midel is chosen by utilities and transformer manufacturers because of its excellent performance track record and ability to minimise risk. Our synthetic ester MIDELE 7131, and natural ester MIDELE eN, provide superior fire safety and greater environmental protection than conventional dielectric fluids. They also deliver exceptional moisture tolerance which increases protection of cellulose insulation and potentially extends transformer life. Call us or visit www.midel.com for more information.

Mekufa (UK) Ltd

Permal Park, Bristol Road, Gloucester, GL1 5SR

Tel: +44 (0) 1452 520 850

e-mail: sales@mekufa.co.uk

Website: www.mekufa.co.uk

Mekufa produces HV bushings and insulators up to 72.5kV, using SRBP and epoxy resin insulation, and the processes of paper winding, vacuum casting and pressure gelation.

Bespoke products include traction cable terminations and air feed insulators up to 25kV, and trackside roof and wall bushings up to 52kV. Accredited to ISO 9001-2000.

P.A.R (Insulations & Wires) Ltd,

Foxwood Close, Foxwood Industrial Park,

Chesterfield,

Derbyshire, S41 9RB

Tel : 01246 261828

e-mail: sales@par.gb.com

Website : www.par.gb.com

P.A.R. is a specialist company providing products and systems for the manufacture and repair of electrical and electronic equipment in the power generation, power distribution, power transformation and power consumption industries.

PF Consulting

4 Greencroft, Penwortham, Preston, Lancs, PR1

9LA

Tel: +44 (0) 1772 614 962

e-mail:paul@free2003.freeseve.co.uk

PF Consulting provides a consultancy service on systems for electrical machine applications and wire and cable aspects.

Premier Tech Aqua Ltd

Whitehouse Way, South West Industrial Estate

Peterlee, Co Durham SR8 2HZ

Tel : +44 (0) 191 587 8659

e-mail : ttaylor@conderproducts.com

Website : www.conderproducts.com

Conder Products supplies phenolic paper cylinders to 1.6 m diameter and widths to 3.4 m, prepreg wound cylinders in cotton or glass, phenolic coated paper to 3.4 m wide. We also supply large GRP tanks from 1.5 to 4 m diameter. Accreditation to ISO 9001.

Presspahn Ltd

Wharncliffe Works, Harrogate Road, Bradford,

BD2 3TB

Tel : 01274 636333

e-mail : sales@presspahn.com

Website : www.presspahn.com

Presspahn Ltd specialises in electrical, thermal and mica insulation, parts, products and materials. Tooling design and manufacture are carried out to customers' specifications to enable the most economical design and development of new components.

Röchling Engineering Plastics

Waterwells Business Park, Waterwells Drive,

Quedgeley, Gloucester, UK, GL2 2AA

Tel: +44 (0) 1452 727 900

e-mail: david@roechling-plastics.co.uk

Website: www.roechling-plastics.co.uk

With its worldwide subsidiaries, the Röchling Engineering Plastics Group is an international leader in the manufacture and machining of engineering plastics for the investment goods industry. Our products include semi-finished components (sheets, rods, profiles) and, upon request, we can also provide you with machined finished components made from thermoplastics, fibre reinforced plastics, and laminated densified wood.

Sleeve-It

Syke Mill, Belthorn Rd., Belthorn, Blackburn, Lanc, BB1 2NN

Tel: +44 (0) 1254 694 733

e-mail: sleeveit@sctmail.co.uk

Manufacturers of silicone products, high temperature electrical sleeving, woven glass tape, adhesive tapes and insulation kits.

SPL Developments Ltd

15, Steele Crescent, Littlehampton, West Sussex. BN176GN

Tel: 01903 730750

e-mail: simon@spldevelopments.ltd.uk

Flexible electrical insulation laminates for Motors, Transformers & Generators, including N/M/N, D/M/D, PET films & others.

3GK Ltd,

Unit 5, Price St. Business Park, Park Street, Birkenhead, Cheshire, CH41 3PE

Telephone : 0151 647 5380

e-mail: greg@3gk.co.uk

3GK Ltd was established in 2007 as an offset of AEV Ltd for the distribution of all the insulation material and ancillary items. 3GK Ltd is now an established export and distribution company. They are the agents and distributors for AEV Ltd in the Middle East. 3GK Ltd also offer a wide range of electrical insulation materials and electric motor spares, all of which are itemised in our Big Red Book. 3GK Ltd also represents Houghton International from the UK, for the manufacturing of High Voltage Coils.

3GK Ltd can also supply Enamelled Copper Wire and Copper Strip covered or enamelled. 3GK Ltd with AEV Iberica in Spain can supply complete VPI plants and solutions.

Tufnol Composites Ltd

Wellhead Lane, Perry Barr, Birmingham B42 2TB

Telephone: +44 (0) 121 356 9351

e-mail: sales@tufnol.co.uk

Website: www.tufnol.com

Tufnol manufactures laminates, composites and prepreg materials which are used for components throughout engineering, especially in aerospace, rail transport, electrical equipment, offshore & marine, process machinery, safety equipment and top-end automotive applications. Standard sheets and profiles, or finished components.

UK Insulations Ltd

Syke Mill, Belthorn Road, Belthorn, Blackburn, Lanc, BB1 2NN

Telephone : +44 (0) 1254 264499

e-mail: cliff@ukinsulations.co.uk

Website : www.ukinsulations.co.uk

Low-voltage insulation materials and ancillaries, including Nomex® presspaper, board and NMN laminates, Elephantide®, Leatheroid®, Presspahn®, cotton and glass tapes, impregnated sleeveings, Zyrad® cables and a range of polyester, cellulose, polypropylene and other specialised films. Extruded silicone sleeveings and profiles and a bespoke converting service for customers' own materials.

Webster-Wilkinson Ltd

Halesfield 10, Telford, Shropshire, TF10 4QP

Tel : 01952 585701

e-mail: tony@webster-wilkinson.com

Website : www.webster-wilkinson.com

Webster-Wilkinson supplies to global and home markets in the transmission and distribution sector. Core products include ceramic insulated bushings from 415 V up to 66 kV, resin bushings and stand-off insulators up to 36 kV along with an extensive range of high voltage/high current connectors, cable termination boxes and cubicles.

Weidmann Whiteley Ltd

(A member of the WICOR group)

Pool-in-Wharfedale, Otley, West Yorkshire LS21 1RP

Tel: +44 (0)113 202 7000

e-mail: sales.whiteley@wicor.com

Website: www.weidmann-electrical.com

Manufacturer of electrical insulation products for HV power transformers, switchgear, cables, power capacitors, domestic appliances, fhp motors and general electrical equipment. Products include electrical insulating pressboards, laminates, presspapers, flexible laminates, HV/LV insulating systems, structures and components. Suppliers of transformer accessories, aramid boards papers, parts and equipment.

Wire Electric Supplies Ltd

Stag Business Park, Donnington Wood, Telford, TF2 7NA

Tel: +44 (0) 1952 208730

e-mail: mark@wes.uk.com

Website: www.wes.uk.com

WES was founded by Mark Robinson as Wire Electric Supplies Ltd in 1990 with the sole objective of providing the best service, quality and product range to the electric coil winding industries. In a market place which is dynamic and constantly evolving, WES continues to set the standard in product development and service back-up, supplying our customers with the very best products that money can buy.



THE ELECTRICAL INSULATION ASSOCIATION

The Electrical Insulation Association (EIA) was founded in 1911 as a trade association within the BEAMA Federation representing UK companies which manufacture and supply all types of electrical insulation materials and products

Visit our website at
www.eiauk.org

Further details of the
EIA are available from:

**The Secretary,
The Electrical Insulation
Association,
36 Greenfield Road,
Stafford, ST17 0PU, UK
Tel: +44 (0) 1785 661306
jcgwheeler@tiscali.co.uk**

The Electrical Insulation Association (www.eiauk.org)

The Electrical Insulation Association (EIA) is a modern, forward-thinking, trade association that represents UK companies whose business includes the manufacture or supply of electrical insulation materials and composite products for the domestic and industrial markets. Founded in 1911, the EIA was a trade association within the Federation of British Electrotechnical and Allied Manufacturers' Associations (BEAMA) until 1998 when it adopted its own Secretariat and became autonomous.

The EIA provides an active forum to consider technical, environmental and commercial matters that arise within the electrical insulation industry which are of mutual interest to the Membership. EIA Members produce multi-million pounds worth of electrical insulation and composite products annually, a significant proportion of which is exported to Europe and the rest of the world. The Members of the Association have developed extensive experience in the production and supply of insulation materials and technical services and this has equipped them well to meet the needs of customers throughout the world.

Technical Standards

One of the primary functions of the Association is to participate in the development of national and international standards. Technical experts from Member companies regularly attend or lead BSI and IEC Meetings and thereby influence the establishment of key criteria for material and product quality. The feedback from these meetings is passed on to Members through General Meetings of the Association, which are held at approximately 4 monthly intervals, and its internet website.

Industry Seminars

The EIA recognises that electrical insulation engineering is a specialised subject and for many years the Association has held a series of one-day seminars. The format of these seminars reflects market needs and the topics chosen for the present series of industry seminars range from technical to commercial issues. These seminars are free to Members and form part of the annual calendar of events of the Association.

International Insulation Conference (INSUCON)

EIA is the organiser and main sponsor of the International Electrical Insulation Conference (INSUCON) that has taken place at approximately four yearly intervals since 1970. This three-day conference is a premier international forum on insulation technology, with invited keynote speakers to overview trends and developments for the future followed by a series of presentations from scientists and engineers active in the field of electrical insulation. The Conference takes place in conjunction with a specialist exhibition dedicated to the electrical insulation market. These combined events provide exhibitors with a unique opportunity to reach a major international gathering of electrical insulation buyers and manufacturers. The most recent INSUCON was held in 2013 at Austin Court, the Birmingham (UK) Headquarters of the Institution of Engineering and Technology. (www.insucon.org)