



MPE
Quality, Reliability, Performance

Company Bulletin

for EMC, EMP & TEMPEST Protection

Issue 6



David Seabury, Managing Director of MPE Ltd, cuts the celebratory cake marking the 90th anniversary of the company, during the event in Liverpool for MPE distributors at the end of June



An historical Dubilier capacitor from the beginning of the company at North Acton, London, in 1925



Modern-day feedthrough capacitors designed and manufactured by MPE

MPE celebrates its 90th anniversary with record exports

This year MPE Ltd is celebrating the company's 90th anniversary with an increasing demand for its production. Meanwhile the proportion of exports continues to show significant growth, as more than half of MPE products now go to service overseas applications.

Significant milestones in the company's long history have been as follows :-

1925

The Dubilier Condenser Co (1925) Ltd was established as a public company, manufacturing industrial capacitors for radar, radio and early television, as well as EMC filters, from a site in Victoria Road, North Acton, London W3.

1947

After the severe bombing of the capital during World War 2, manufacturing was relocated to Knowsley, Liverpool.

1981

The company was acquired and became MPE-Dubilier, then MPE Ltd, concentrating on more specialised capacitors and EMC filters.

1986

The MPE factory was first certified to the quality standard ISO 9001.

2002

MPE became privately owned.

Employing over 50 people, MPE has designed, manufactured and shipped in excess of 8,000,000 high-performance EMC, EMP and TEMPEST filters and feedthrough capacitors over the past 30 years. In fact many of its products have been in service for more than 20 years with undiminished performance.

Since its original establishment back in 1925, MPE has maintained a history of regular innovation and introduction of market-leading products. Pictured at centre left is an example of an industrial capacitor from the 1920s – which was considered the “new technology” of its time. Below that are typical modern feedthrough capacitors, the fundamental component of all MPE filters.

Moreover, alongside a busy ongoing programme of investment in new product lines, MPE's Engineering Department at Liverpool provides a rapid prototyping service employing specialist test facilities, a dual chamber screened room, and proprietary filter and capacitor design software. MPE's portfolio of over 20,000 custom product designs includes application-specific mounting and cable entry options.



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The winding shop at MPE 20 years ago

Traditionally a global supplier of EMC filters for wide-ranging defence applications such as military vehicle and weapon systems, tactical shelters, base stations and latterly HEMP filters to MIL-STD 188-125, stealth ships and the Eurofighter, MPE has been expanding strongly to embrace EMC, EMP and TEMPEST protection applications in many new and emerging markets.

These range from process control, SMPS, IT equipment, datacentres and EMC test chambers through to telecomms, building services, hospital scanners and the latest intelligent lighting.



How the winding shop has changed dramatically by 2015