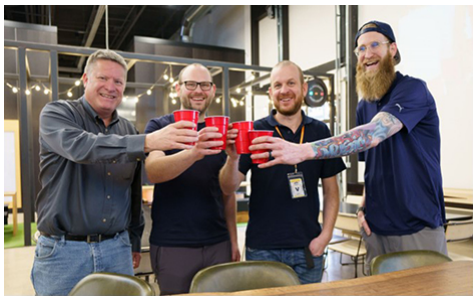
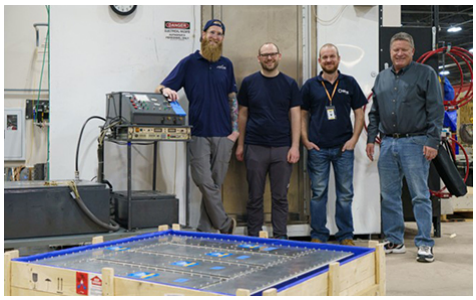
MPE 98 YEARS 1925-2023

News Release

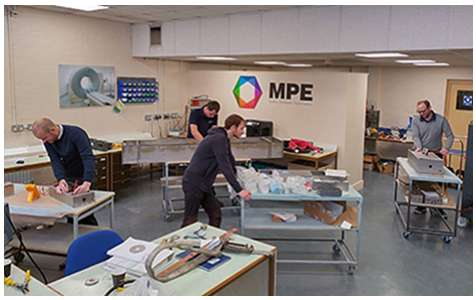
for EMC, EMP, HEMP & TEMPEST Protection



John Lindsay and John Hughes of MPE Ltd (centre) celebrate the successful certification of MPE's Mil-Std-188-125-1A filters with some of the Jaxon testing team



The testing team at the Jaxon Engineering facility in Colorado Springs



Development testing underway within the laboratory facilities at MPE in Liverpool

Another World First for MPE Mil-Std-1A filters

In February 2023 MPE became the first manufacturer globally to publish independent test certificates confirming compliance with the requirements of the latest Standard, Mil-Std-188-125-1A. Hot on the heels of this 'world first', MPE has now completed the independent testing of its entire range of HEMP filters.

This further testing, again conducted by Jaxon Engineering & Maintenance of Colorado Springs, international leaders in Electromagnetic Pulse (EMP) hardening and survivability, has resulted in certification for MPE filters up to and including 1200A units.

This rigorous independent pulse current injection (PCI) testing of MPE's entire HEMP filter range was completed over a full week in early March, with MPE Engineering Manager John Hughes and MPE Design Engineer John Lindsay in attendance throughout. The previous testing completed in November 2022, coupled with this participation by MPE's Engineering team, allowed for the adoption of a flexible testing program and maximised utilisation of Jaxon's laboratory resource and time.

The MPE filters tested are a result of an extensive and innovative research and development program completed at MPE in Liverpool, with the ground-breaking filter designs being radically different to previous versions designed and manufactured to comply with Mil-Std-188-125.

This comprehensive, stringent testing once again demonstrated MPE's continued commitment to supplying the broadest and most innovative range of compliant filters to the company's client base, so as to meet the increasingly exacting requirements of evolving defence and homeland security applications. With these new HEMP filter designs passing well within the limits defined by Mil-Std-188-125-1A as applicable, the test results represent a resounding success and further testament to MPE's rigorous design philosophy and manufacturing processes.

This testing has resulted in a further first, with MPE being the first manufacturer in the world to have published a full range of independent test certificates up to and including 1200A filters that confirm compliance with Mil-Std-188-125-1A. These PCI test certificates can be found at www.mpe.co.uk/downloads/test-certificates.

The publication of these PCI test certificates further confirms MPE's position as the world's no.1 HEMP filter provider and, with production orders for these filters already in progress, MPE will next release its complete range of Mil-Std-188-125-1A compliant filters in April 2023.

MPE Quality, Reliability, Performance

JAXON®

FAST FACTS ON MPE LTD

- Trading for over 98 years, MPE employs more than 60 people.
- MPE has designed and manufactured in excess of 10,000,000 high-performance protection filters and feedthrough capacitors across the last 30 years.
- Many products in continuous service for more than 25 years.
- MPE's portfolio spans over 20,000 custom designs.
- MPE is certified to the ISO 9001:2015 quality standard, and its products meet all applicable defence, safety and regulatory standards.

For comprehensive information about MPE's products and services, contact the Sales and Marketing Department, MPE Ltd, Hammond Road, Knowsley Industrial Park, Liverpool, L33 7UL, U.K.
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