

MIC Services

INNOVATORS IN TECHNOLOGY



Vapour degreasing



A division of



**Metal
Improvement
Company**

Subsidiary of Curtiss-Wright Corporation

Engineered coating solutions

www.emcoatingsuk.co.uk

Vapour degreasing - effective, efficient and environmentally friendly

Metal Improvement Company (MIC) is a global organisation specialising in surface technologies to enhance performance and extend the life of critical components, enabling component designs to achieve their maximum potential.

MIC offers a quality controlled and cost effective service, working in partnership to meet its customers' needs.

Established in 1945, MIC has over 65 divisions operating in Europe, USA, Canada and Asia with on-site processing worldwide. In 2003, MIC added speciality coating capabilities to its services portfolio and today has coatings divisions in Europe, Asia and Ireland as well as E/M Coating Services facilities in the UK and USA developing and applying a wide range of engineered coatings.

MIC division approvals include: FAA, AS9100, NADCAP, ISO 9001:2008 plus other specific OEM, company and industry approvals as required.



Metal Improvement Company is a subsidiary of the Curtiss-Wright Corporation, a diversified international provider of highly engineered products and services to the Motion Control, Flow Control and Surface Technology industries

www.curtisswright.com

**CURTISS
WRIGHT**

E/M Coating Services, a division of Metal Improvement Company, are specialists in the development and application of highly engineered coatings including:

- High lubricity/low friction
- Resistance to fretting and galling
- High release/anti-stick
- Low noise/anti-squeak
- Resistance to corrosion, chemical and environmental attack
- Shielding to EM/RF radiation

We can assist you in selecting the right coating to meet your design challenges, enhance performance and extend the life of your products. We are able to offer a comprehensive range of processes to suit components of all shapes and sizes from the smallest fasteners to large fabricated assemblies.

Talk to us on 01386 421444 or visit our website www.emcoatingsuk.co.uk



E/M Coating Services can now offer a complete vapour degreasing service carried out to the highest standards using the latest computer controlled technology. Vapour degreasing is ideal as a pretreatment to coating or welding.

Components are placed in a sealed chamber, the degreasing solution is vaporised and then condenses on the components. This process effectively loosens and removes all grease and machining lubricants from even the most complex parts and components. Any moisture is vaporised during the process, resulting in a dry surface finish with no water spots.

Our crane loaded degreaser can handle large capacity items up to 1 tonne in weight. A variety of smaller basket sizes allow small components to be degreased quickly and efficiently.

Approvals include ISO 9001/AS9100 and NADCAP



INNOVATORS IN TECHNOLOGY

MARKETS

- **Aerospace**
- **Agriculture**
- **Automotive**
- **Chemical**
- **Defence**
- **Electronics**
- **Food**
- **Marine**
- **Medical**
- **Mining/quarrying**
- **Motorsport**
- **Petrochemical**
- **Power Generation**
- **Printing**
- **Rail**
- **Telecommunications**
- **Textile**

SERVICES:

- **Dry film lubricants** - MoS₂, PTFE, Graphite, WS₂
- **Coatings** for corrosion, chemical & environmental protection
- **Titanium anodising**
- **Zinc rich coatings** for corrosion protection
- **Impingement coating processes** for ultra thin solid film lubricants coatings
- **Nonstick/release coatings** for low coefficients of friction
- **Primers** for rubber and plastics for sound absorbing and dampening materials
- **Coatings for EMI/RFI shielding** provide highly conductive coatings and platings to control electromagnetic interference
- **Ultra thin conformal parylene coating** to reduce friction and protect against contamination
- **Pre-treatments including** Ti Anodising, Phosphate Conversion Coating and Chilled Iron Blasting, Aluminum Oxide Blasting and Vapour Degreasing



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