



## IMFormation February 2013

### Change of the Institute's name

The December edition of this newsletter advised you of the proposal to be put to the AGM held on 5 December 2012 to change the Institute name to the INSTITUTE OF MATERIALS FINISHING.

The proposal was approved at the meeting and the name change will become effective from the 1st February 2013.

A significant amount of extra work has fallen on our Treasurer Alan Koch to whom we offer our thanks and appreciation. One of the major items has been the 'Memorandum of Association'.

We are a 'Company limited by guarantee and not having a share capital (as such we are exempt from including "Limited" in the name of the Company pursuant to Section 60 of the Companies Act 2006)

The reason for the change of name and our specific objectives is that the Management Board decided that the scope of the Institute's activities has broadened. This required that additional finishing methods should be included in the Memorandum of Association

The Memorandum of Association can be viewed at Exeter House on request.

### Transfair13

#### Official conference hotel announced

Chesford Grange Hotel, Kenilworth has been appointed as the Official Conference Hotel to Transfair 13. The popular Warwickshire hotel offers excellent accommodation, a superior range of amenities and is a short drive to the conference venue. Chesford Grange will host the conference dinner and are pleased to offer a discounted accommodation rate to delegates and exhibitors.

Transfair13 takes place June 11th - 13th at the Heritage Motor Centre Museum Gaydon and will showcase innovation and best practice in materials finishing across the transportation sectors. The event will feature a supporting exhibition of major suppliers from across the finishing industry.

We are pleased to announce that most of the exhibition stands are now sold. Please contact Exeter House for further details.

### Health, Safety & Environment

#### REACH Update –Chromium trioxide

The UK Government went to the recent meeting regarding the authorisation of a number of chromium compounds with the aim of negotiating longer lasting application and sunset dates. Unfortunately many of the other EU Member States accepted the Commission's final offer of

35 months for the last application date and 53 months for the sunset dates and so this was approved by qualified majority voting. This decision was forwarded to the European Parliament for a period of 3 months scrutiny before coming into force sometime around March 2013.

### **European Chemical Agency (ECHA)**

The Agency has released a statement that the candidate list now has 138 substances on the list of 'Substances of Very High Concern' (SVHC) based on a chemical's carcinogenicity, mutagenicity, toxicity to reproduction and persistent/bio-accumulative properties. These chemicals may be banned under the European Union's REACH law. Ed. Note: Mistakes have been made in the spelling of some chemical substances which have been placed on the web and apparently cannot be corrected.

**Company fined over chemical exposure** A Cambridge company and a HSE Consultant have been fined after a paint sprayer suffered eye irritation, breathing difficulties, headaches and the lack of ability to concentrate after working with harmful substances including trichloroethylene and paints containing isocyanates and is now no longer able to work. The company was fined £9,000 and ordered to pay costs.

After the hearing HSE Inspector Robert Meardon said "The company failed to ensure the health of its employees because it employed the wrong person to give health and safety advice". The knowledge of the person concerned was in quality control and he did not have adequate knowledge of health and safety for the work going on in this company. He failed to make them aware of the 'do's and don'ts regarding the use of hazardous chemicals.

### **Company News & Products**

#### **Sifco Applied Surface Concepts**

Sifco has been acquired by Norman Hay plc including the four sites in the US as well as their operations in France, Sweden and the UK. Mark Smith, European General Manager states:- "There will be no changes to the service currently provided to customers and it is hoped through synergies with the operation of the Norman Hay Group Internationally additional processes and services can be offered.

Sifco ASC sales representatives will be contacting clients to explain the change in ownership, to reassure them of our continued commitment to serve them and answer any questions".

Email:- [m.smith@sifco.co.uk](mailto:m.smith@sifco.co.uk)

#### **Tecvac**

Tecvac, part of the Wallwork Group, is advocating the application of Diamolith, a diamond-like carbon coating, to improve the endurance and performance of critical engineering components. Applications for this carbon coating arise in industries such as engineering, automotive and aerospace where life and performance of wear components such as gears and camshafts can be greatly extended, likewise moulding tools and dies, by prolonging life and increase product quality and yield by prevention of sticking and binding.

Coatings are applied by plasma-enhanced chemical vapour deposition (PECVD) at relatively low temperature so the characteristics of the base material are unchanged. The grey to black amorphous carbon coating produces a mix of graphite and diamond structures that give natural lubrication and exceptional hardness.

The coating can be applied to steel, aluminium, titanium and many engineering and aerospace alloys.

Future information, contact: Simeon Collins, Sales Director: Tel:0161 797 9111, Fax:0161



763 1861

### **Siebec UK Ltd**

Congratulations to Siebec who have achieved ISO9001 accreditation.

Please note that Malcolm Wilcox has retired, we wish him a long and happy retirement.

Future contact should now be made to Neal Davies. Tel: 01785 227700, Fax:01785 246006

Email:[sales@siebec.co.uk](mailto:sales@siebec.co.uk) Web: [www.siebec.com](http://www.siebec.com)

### **Institute of Corrosion**

John Fletcher, Technical Support Manager of Elcometer has been elected to the post of Vice President, following ICorr's AGM in November. He will serve for 2 years up to the AGM to be held at the end of November 2014.

### **Sheffield University**

Seminar -14 March 2013 in Rotherham

A new dawn for metals:

Emerging manufacturing techniques for metallic structures.

Visionary engineers are leading a new industrial revolution. Their application of innovative techniques in designing and manufacturing is revolutionising many industry sectors which employ metallic structures.

At both the macro and micro level, metallic structures are undergoing a renaissance.

Incorporating a tour of the University of Sheffield Advanced Manufacturing Research Centre, this seminar features in-depth analysis of some of the techniques your company needs to acquire to be at the forefront of manufacturing.

#### **Who Should Attend:**

From aerospace to construction to medical engineering, manufacturers could be benefiting from:

- Unprecedented product design freedom
- Using minimal raw materials and considerably less energy
- Cutting costs
- Conserving resources
- Reducing carbon emissions

Book now or view the full programme: [www.imeche.org/events/s1754](http://www.imeche.org/events/s1754)

Alternatively, call Lisa Meenan on +44 (0)20 7973 1242

### **Datum Developments**

Polcoat creates a durable colourless flex coating for the Metal Finishing Industry.

A new award winning coating process for the deposition of fine polyamide films directly on a conductive surface is the key, enabling material process for protecting conductive surfaces with a flexible transparent film.

Datum offer a free sample for evaluation, please contact:[sales@datumdev.com](mailto:sales@datumdev.com) or use the contacts page at [www.datumdev.com](http://www.datumdev.com)

For further information please contact Dr Peter Jefferies, Tel: 01929 471517

### **Nanovere Technologies**

This company has introduced what it bills as the 'worlds first wipe-on clear coating,' an air- and humidity-cured one-component clear coating. Vecdor Nano-Clear Wipe-On Coating is a highly cross-linked polyurethane based nanocoating system that cures with air temperature greater than 30oF and relative humidity greater than 30%. It has been developed to permanently restore original colour, gloss and surface hardness.



For more information: [www.nanocoatings.com](http://www.nanocoatings.com)

### **Hardide Coating**

EDF Energy has selected Hardide Coating as a cost effective, high performance solution to extend the life of the boiler-feed steam valves at a nuclear power station.

The coating was selected because of its ability to coat internal surfaces evenly, and ease of implementation and maintenance. It has enabled EDF Energy to continue to use existing equipment which would have been very expensive to replace, as well as require validation and safety case development and will allow them to operate smoothly between planned outages.

### **PHD Group**

The Group based in Bromsgrove has designed a new durable spray which will coat wood, upvc and glass with all the characteristics of metal. The 90% metal based spray is available in solvent, water and textured based metals.

Paul Harris, director said "This new product provides new possibilities for innovative product design and will capture minute design details.

For more information Tel: 01527 877129

## **IMF News**

### **New members & transfers**

#### **Graduate of the Institute (GradIMF)**

Purcell, Elaine Syler Technology

#### **Member (MIMF)**

Hosken, Simon Alpha-Fry Ltd

#### **Affiliate**

Burslem, Richard Wallwork Heat Treat

### **Examination Results**

#### **Material Science Module by Tutored Route**

Cox, Leigh ) South West

Mayer, Christopher ) Metal Finishing

Underhill, John )

Having now passed 4 Technician Modules, these students are awarded the Advanced Technician Certificate.

### **Sheffield & North West Branch**

The Annual Dinner and Dance will be held on Saturday 16 March 2013 at the Thorpe Park Hotel and Spa with a live band entertainment.

Please contact John Torr for further information. Tel: 07766658401

### **Senior Member Meeting**

The next meeting will be held on Wednesday 10 April 2013 at Exeter House. The speaker will be Dr Tony Hart with the title of Words of Wisdom.

Usual arrangement – assemble 12.00 for 12.30 buffet lunch, socialise with colleagues following the talk. Please advise David of your intention to

attend. [karen@materialsfinishing.org](mailto:karen@materialsfinishing.org)



Representing finishing professionals in  
surface engineering and coatings  
since 1925

