

**I
M
F
O
R
M
A
T
I
O
N**



INSTITUTE OF MATERIALS FINISHING



Annual Christmas Event

Thursday 26th November 2015
Christmas Lecture, Institute Awards,
Christmas Luncheon followed by the
Annual General Meeting for the year
July 2014 - June 2015 to be held at new venue.

Menzies Birmingham City Strathallan Hotel
225 Hagley Road, Edgbaston B16 9RY

Full details on back

October
2015

Environment, Health & Safety

REACH

Verdict of Court Action on Chromium Trioxide – judgement of court – 25 September 2015 – Inclusion in list of the substances subject to authorisation use.

Company News & Products



Crest Pumps Group

Crest Pumps Group Launch of Drum and Barrel range fit for all types of chemical and acidic applications. Avoid costly spillages and wasted content with the specially designed fully interchangeable CPS range that ensures any spillages are held in the drum. There are five different configurations with options of stainless steel, PVDF and Polypropylene with a choice of tube length, with pneumatic or electric motor configuration.

Further information Tel: 01425 627700 or email: info@crestpumps.co.uk



Fraser Technologies launches two new component cleaning trial centres

Engineering component cleaning specialists, Fraser Technologies, have launched two new component cleaning trial centres close to London and Edinburgh, as try-before-you-buy facilities for new and existing customers.

The new trial centres – part of the company's 'one-stop-shop' approach - will allow cleaning process users to evaluate a range of cleaning equipment and chemistry options before committing to a purchase.

Fraser Technologies Managing Director, Graham Fraser, commented, "Our customers are grappling with issues including how to deal with the forthcoming ban on Trichloroethylene, restrictions on nPropyl Bromide and

the cost implications of new generation fluorinated solvents.

"With the Trike sunset date now only six months away, I'd encourage companies affected by this and other issues to take advantage of our new facilities. We can put alternative chemistries or equipment to the test with their components and soil types under no obligation for them to buy.

"While the Trike sunset date of 21 April 2016 is currently focusing minds, the continuing use of nPropyl Bromide (nPB) as a cleaning solvent is an issue of concern for many users."

Classed as CMRs (Carcinogenic, Mutagenic or Reproductive Toxins) by the Solvent Emissions Directive 1999-13-EC (SED), nPB based solvents are exempt from a ban below 1 tonne per annum consumption, but require substitution in the shortest possible time. In addition, nPB requires vapour extraction and must comply with a 2mg/m³ emission limit.

Graham Fraser added, "We can help cleaning process users to look at new alternatives to Trike and other restricted solvents. There can be real business benefits to using a new generation fluorinated solvent. For example, Sion™ by Chemours has among the lowest costs in use in its category and combines cleaning power comparable with Trike and other traditional solvents with no flammability issues and near-zero global warming potential."

Fraser Technologies' two component cleaning trial centres are based in Harlow, Essex, and Livingston, West Lothian.

For further information, telephone Fraser Technologies on 01506 443058, email sales@frasertech.co.uk or visit www.frasertech.co.uk.



Hart Materials Ltd NANO-DIAMOND TECHNOLOGY

Nano size diamond particles have been around for some time but new developments in the processes by which they are manufactured makes this type of material more suitable for incorporation into electroless and electrolytic coating processes as well as into resin-based composites

Hart Materials Limited are looking for development partners to explore the potential for these nano-diamonds in industrial processes. Dr. Tony Hart, Managing Director comments "I have seen many new and astounding developments during my 50 years in the surface

technology business. Commercial success with ideas that seem too 'pie in the sky' for hardened cynics generally comes when someone takes the time and trouble to carry out carefully programmed development and to iron out the inevitable problems involved in successfully up-grading a good idea into a practical industrial process. The long term development and acceptance of electroless nickel processes bears out this observation. As a small company we look to work in niche markets with growth potential and we view this technology as a likely candidate" he concluded.



PDJ Vibro Ltd

PDJ Vibro has expanded to meet the increasing demands of UK's deburring and polishing market.

As a lead polishing specialist the company can offer a competitive finishing service from their sub-contract facility in situated in Milton Keynes, using vibratory, barrel and centrifugal surface finishing equipment. Applications include: Deburring, Edge-breaking Polishing & Pre-anodise / Pre-plate / surface improvement. Same or next day turnaround as standard (dependant on process time). Free sampling analysis

More information contact 01908 64877

IMF News



Surface World Exhibition 2015

This year's exhibition proved once again to be very beneficial both to the IMF and the industry in general. Despite the problems on the M6 causing many potential visitors to be delayed, we had a good attendance at our stand which was in the 'Knowledge Centre' with many new companies asking for range of advice on coatings and processes across the whole spectrum of Materials Finishing. The IMF's 'ask the expert' proved to be a necessary service to the industry and our experts were kept very busy.

It was good to see that not only is the industry sustaining itself but there was also many indication of optimism and growth, again across a spectrum of

finishing companies. One question which was prevalent was the aspect of Training, all companies whether SME's or major corporations recognise the need to have trained operators and trained Quality personnel as a part of their team and were asking for the IMF to be a major part of this strategy, our training team were very busy providing details of both Distance Learning and 'In-house' training programmes.

The association between the IMF and Surface World has again shown to be very strong and we would like to thank them for their assistance and support.

(The editor thanks Ken Griffiths for the above report)

Welcome New FIMF Member

Brasler, Andrew

GEB Surface Treatment

Welcome to New Sustaining Members

The Wheel Specialist

Tel: 01564 785826

Having started life in Birmingham in 1955, they offer a range of wheel based services for motor vehicles including alloy wheel refurbishment, and customisation including powder coating and cosmetic repairs.

Mila Hardware

Tel: 01327 312400

The company is a distributor to the fenestration sector, supplying innovative branded products with developed in-house with a focus on British Standards, sustainable and responsible sourcing.

DDG Plating Ltd

Tel: 01597 887195

The company prides itself on delivery quality, fast turnaround and efficient service, they specialise in zinc, nickel, chromium, tin, silver, anodising, electroless Nickel and Alochrom. Paint and metal stripping and cleaning services also available.

Examination Results

Examination results - Technician module, Electroplating Practice, at South West Metal Finishing July 2015

Everson, Katy

Gill, Damon

Hawkins, Matthew *

* Pass with merit

Annual Christmas Event

Thursday 26th November 2015

Christmas Lecture. Institute Awards, Christmas Luncheon followed by the Annual General Meeting for the year July 2014 to June 2015 to be held at a new venue.

Menzies Birmingham City Strathallan Hotel
225 Hagley Road, Edgbaston, B16 9RY

Order of Events

10.30 Registration, Coffee & Biscuits
11.00 Presentation by

REACH Registration 2018: the business risks Susanne Baker - EEF

While 2018 seems a while off, preparations should be well underway. Although registration obligations fall on the shoulders of the manufacturers and importers of substances, the impacts can ripple through supply chains. So what are experts expecting to see in 2018 and what should you be doing to prepare?

TIN: THE START AND END OF A CAREER! DAVID R. GABE

Dept. of Materials, Loughborough University, LE11 3TU
D.R.Gabe@lboro.ac.uk

A lifetime achievement award for basic research in metal finishing and its application to industrial needs: the essence of Arthur Hothersall's philosophy.

11.45 Presentation of the Institute's Awards

Samuel Field Medal
(Sponsored by IMF)

Canning Bicentenary Medal
(Sponsored by MacDermid plc)

Westinghouse Prize
(Sponsored by Maney Publications)

Connie Sieff Award
(Sponsored by IMF)

Eddie Marlow Award
(Sponsored by PMD (UK) LTD)

Pexa Award
(Sponsored by Pexa Ltd)

IMF Foundation Student Achievement Award

IMF Technician Student Achievement Award

Members should adjourn to the lounge/bar area to enable hotel staff to lay tables for the Christmas Luncheon.

The choice of the main course will be Turkey, Beef or Salmon. Please advice Helen at Exeter House of your intention to attend and your choice of meal.


14.45 Annual General Meeting
15.30 Event concludes

SURFACE FINISHING SERVICES


For
Salt Spray
Corrosion Testing &
Chemical Analysis
by
UKAS and Nadcap
Accredited Laboratory



Corporate, ASTM and BS / ISO
specifications
Contact: Mark Ricketts
Unit 20, Mercia Business Village
Westwood Business Park
Coventry CV4 8HX
Tel: (024) 7647 4474
support@aerotechlabs.co.uk



INDUSTRIAL PROCESS HEATING EQUIPMENT
The Neptune M Electric Immersion
heater & its variants addition to the
Fobis range of Heaters



- STAINLESS STEEL, TITANIUM OR TITANUM
- LOW WATT DENSITY
- SERIAL OR PHASE PHASE

Contact our Sales team on:
01223 876123
sales@braude.co.uk
LinkedIn

MODULAR POPULAR CYLINDRICAL NEPTUNE
www.braude.co.uk



**Precious Metal
Reclamation Specialists**

Contact Paul Johnson
to discuss your requirements

Tel: (01327) 260581
paul@pcm-ltd.co.uk
www.pcm-ltd.co.uk



Proven Products For All Your
Filtration, Purification,
Waste Treatment And
Chemical Handling Needs

**"Global Products, Local Service
and Advice you can rely on"**

Tel: 0161 775 1910
www.serfilco.com
Email: sales@serfilco-international.com



THE DIFFERENCE IS MEASURABLE

Fischer Instrumentation (UK) Ltd.
Gordleton Industrial Park
Pennington Lymington
Hampshire SO41 8JD

Tel: 01590 684100
Fax: 01590 684110

e-mail: mail@fischergb.co.uk
www.fischergb.co.uk


Coating thickness and materials analysis instrumentation



The latest technology
in Plating and
Lacquer Processes

Contact
Paul Griffiths
Schloetter Co.Ltd
New Road Pershore,
Worcs, UK WR10 1BY
Telephone- +44(0) 1386 552331
Fax- +44(0) 1386 556864
Email - sales@schloetter.co.uk
Website - www.schloetter.co.uk

PUMPS and FILTERS




first for CHOICE first for VALUE
SIEBEC UK Ltd
Unit 3 St Albans Road, Stafford
Staffs ST16 3DR
Tel: 01785 227700
Fax: 01785 246006




Leading world supplier
of advanced surface
treatment processes
and products

ATOTECH UK LTD
William Street
West Bromwich, B70 0BE
Tel: 0121 606 7777
Fax: 0121 606 7200



Customised plating barrels
and high-current contact systems
for the electroplating industry



Linnhoff & Partner Galvanotechnik GmbH
Lünkerhohl 32a • D-58644 Iserlohn, Germany
Tel. +49(0)2371/1575-0 • Fax +49(0)2371/1575-29
info@linnhoff-partner.com • www.linnhoff-partner.com

**A localized need ?
Think DALIC !**

Only where required, on new
parts or maintenance,
directly within tolerance and
without immersion,
Contact us for your options of
DALIC selective plating

uk@dalicworld.com
Tel : (44) 07973 796 598