INSTITUTE OF MATERIALS FINISHING

The Institute would like to wish its Members and Sustaining Membership Companies, a very Merry Christmas and Happy New Year.

Recently the Institute was represented at two significant exhibitions.

For the first time a Product Finishing Road Show was held at Southampton and whilst attendance was not exceptional some useful contacts were established and it gave the opportunity for our new Administration Manager, Helen, to meet members from the locality and to recruit some new Sustaining Members.

The recent 2 day exhibition and seminar at the Advanced Engineering show at the NEC where we displayed the 'Ask the Expert' theme proved to be very successful and we had many enquires which covered both current needs on plating processes as well as companies designing new product launches for 2018-2020 who wanted to know what plating/finishing chemistry was likely to be 'current' giving due regard to regulation changes. We also had some prestigious companies like BMW automotive division asking about training courses. The show also contained many 'composite' manufacturers and we had good integration with them and the many issues and differences there are from the coating of metallic substrates. The overall theme that ran through the 2 days was that there is a REAL need for companies to be able to have their employees at all levels trained and 'Badged' to ensure their quality standards were maintained. The Marketing committee will continue to try to find other like events at which we can promote the IMF and its strengths.

Message from the editor

Since early 2013 we changed our name and became the Institute of Materials Finishing.

Whilst Surface Finishing is an essential area for the IMFormation newsletter it is available for companies who produce new materials, not necessary metallic, like the press release in this current edition on Sealants and Adhesives.

The opportunity is there for companies and technologies to join us both as individual members and as sustaining company members.
Health, Safety and Environment

REACH

The EU Commission sparks controversy with authorisation proposals. These could make it easier for companies to prepare authorisation applications and increase their chances of success. The proposals were criticised by several member states whilst others gave cautious initial response. The European Environmental Bureau chemicals policy officer, Tatiana Santos, said the proposals “aim to make it easier and cheaper to achieve authorisation.... whilst under minding REACH’s goals of protection, the phase-out of substances of high concern and the promotion of substitution by safer chemicals”

Company News & Products

Hart Materials Limited

After nearly ten years, the company has moved to the recently refurbished Technology Centre in Planks Lane, Wombourne but will be retaining their current telephone number, email and website. Commented Dr Tony Hart, “We moved because we out grew our office space and did not have an integral warehouse. Our new facility rectifies both problems.”

The much improved facilities has given Hart Materials Limited a more economical and efficient distribution of powders, in which the company specialises.

Further, it will catalyse the expansion of the range of products. Work is already in progress to produce two nickel-based products in powder form, one containing a small amount of silicon and another that also contains a small amount of chromium. In addition work to provide a range of silver-coated particles on powder substrates.

For further information please contact Tony Hart.
Tel: 0044 (0)1902 89546

Layton Technologies Ltd
Component cleaning to ASTM G93-03

Cleaning for Oxygen Service is closely defined as the removal of combustible contaminates from the surface of any equipment or system in oxygen service. This needs to include all components that make up any assembly.

Recognition of oxygen’s reactivity has led to ever more stringent requirements regarding cleanliness of equipment in oxygen service. Layton Technologies have the necessary expertise and knowledge to help companies up-to-date with the regulations.
For further information Tel: 01782 370400 or via the website www.laytontechnologies.com

McAree Engineering

This company one of Ireland’s leading outsource sheet metal fabricating company, based in Ballinode in Northern Monaghan. It has recently introduced spray painting and powder coating to its production processes, in order to expand the business into the production of finished or part finished components as well as sheet metal production.

Having achieved ICOR accreditation for paint finishing, the company decided to invest in a state of the art coating facility and, with advice from Riley Surface World, the company invested in a shot blasting, spray painting and powder coating equipment previously surplus to requirements from the UK.

The equipment was installed in McAree’s new purpose built designed facility alongside their existing factory.

Once fully operational, the new facility will provide extra services to existing sheet metal customers, as well as attracting new sub-contract projects from Ireland, the UK and rest of Europe.

Vincent McAree, project manager, believes they have received excellent value for money for high quality equipment from Riley Surface World and he was impressed by the first class customer service shown by their support team.

Further information visit: www.mcaree-eng.com or Riley Surface World at: www.rileysurfaceworld.co.uk

Hodgson Sealants

This East Yorkshire based company has invested in a state of the art hybrid polymer mixing machine and cartridge filling line to support growing of hybrid and adhesives. It follows the purpose build laboratory which enables them to focus on testing substances and formulating sealants and adhesives tailored to customers’ requirements.

The company specialises in sealants and adhesives based on silicone, hybrid, acrylic and butyl technologies. State of the art touch screen mixing allows flexibility and versatility to mix a range of
products with variable characteristics – colours to match substrates.
Charles Hodgson, Managing Director said “We have a strategy of broadening our technology base to appeal to a wider range of customer markets. This investment in mixing and filling equipment takes us right up to date with the most innovative technology in the market today”
Further information Tel: 01482 337145
Email: sales@hodgson.com

Enthone

Enthone, Connecticut USA has been granted a European patent for chromium free etches for plastic substrates. Specifically, the intellectual property covers chemical processes for the pre-treatment and etching of plastic surfaces. Similar patent applications are pending in the USA. This could be beneficial to those companies who use the chromic acid etch system, subjected to control under the REACH regulations.
Further information contact Andrew Barlow Tel: 017831 38617, email: aabarlow@enthone.com

Nasmyth Group

Established in 2003, this Group brings together a team of collective expertise, resources and technology of 14 customer-orientated precision engineering businesses.
It is receiving a substantial growth in demand for its metal surface treatment and finishing technologies for which it has four such companies within the UK

IMF News

New Members

Affiliate (AssocIMF)

Billinghurst, Mari )
Blaine, Heather )
Mather, David )

Connell, Devah )
Soar, Daniel )
Smith, Ryan )

Filip, Benjamin )
Moore, David )

) Interplex PMP Ltd
) Interplex PMP Ltd
) PMD UK Ltd

Patel, Vinesh ) Atotech UK Ltd
Rab, Malgorzate ) Amfin

Education and Training

In the June edition of IMFormation it was stated that the Chairman, Mike Smith was working on the introduction of a Functional Plating Course. It is good to report that this course is now part of our Education & Training availability. The first course was held at British Metal Treatments and we are pleased to congratulate Patrick Killeen and Stephen McGovern who passed the examination with Distinction and have received a Functional Plating Course certificate.

Examination Results

Held 7th October at Exeter House

Foundation Certificate

Arnold, Robert #
Bennett, David
Berrie, Michael *
Carolan, Paul #
Doolan, John
Ellacott, Christopher#
Ellis, Ben
Ford, Graham *
Fry, Andrew *
Hallinan, Robert #
Sealey, Jack #
Walker, Laurence *
Weaver, Tobi
Wilby, James #

Abbey Metal Finishing
Russell Laboratories
Lucy Switchgear
Dublin Aerospace
Dublin Aerospace
TE Connectivity
AEM Limited
Eaton Aerospace
Plating Centre Ltd
Dublin Aerospace
Aerofin
Lucy Switchgear
Russell Laboratories
Mahle Engine Systems

Technician Certificate

Electroplating Practice
Donnan, Russell
Surface Technology+

Environment, Health & Safety
Webster, Shael
Interplex PMP+

Materials Science
Cotton, Edward #
Paterson, Charles #
Morgan Advanced Mat+
Acorn Advanced Mat+

Paint, Lacquer & Varnish
Greenway, Emma
Greenway, Simon *
Indestructible Paint Ltd
Indestructible Paint Ltd
Principles of Electroplating

Johnson, Matthew  
Praxair Surface+ Technologies Ltd

Monk, Philip  
Amphenol Ltd

Oseland, Adam  
Atotech UK Ltd

Vanes, Thomas  
LVH Coatings Ltd

Tutored Route Principles of Electroplating held at South West Metal Finishing – 29-10-14

Brown, Joshua  
Samuel, Antony  
Street, Gemma *

* Pass with Merit       # Pass with Distinction

+ Having passed two Technician Modules these students have been awarded the Technician Certificate at the appropriate level and are eligible grade of Technician of the IMF – TechIMF

Senior Members Meeting

The next meeting is proposed to be held in March 2015. 
The speaker will be Arthur Brace. Subject will be: Experiences as a U.N.I.D.O. Expert

Surface World Exhibition
29th September – 1st October 2015

Reservations are now being taken for this show in 2015. Book your stand now, no payment required until early in 2015. 
Contact Nigel Bean on 01442 826826