The IMF would like to thank all our Members for their annual subscription payments and support to help us to continue to ‘Surface Finish the World’
IMF DIARY

AGM
8th December 2022 at New Exeter House

DISTANCE LEARNING START DATES
9th September 2022
You may enrol up to 30 days in advance of the start date.
Please note that all course fees must be paid in full before any course materials can be released.
Please contact Karen Yates by email karen@materialsfinishing.org
You can find details of courses and qualifications on our website - https://materials-finishing.org/

UPCOMING WEBINARS/SEMINARS
Why Materials Finishing?
a Webinar
13th September at 14-00
Everyone is invited and if you wish to attend any webinar or seminar please contact John Burgess by email :- JohnB_IMF@btinternet.com
Upcoming IMF Webinar

Date: 13th September 2022     Time. 14:00

“Why Surface Finishing?”

To Register:

If you are interested in joining the webinar, please register using the information above. If you would like a formal Clickmeeting invitation (which will supply you with all the above) please contact John Burgess,

JohnB_IMF@btinternet.com
Distance Learning

Congratulations to all our students who passed exams taken in June 2022!

Foundation Certificate - 5 passes, 4 Merits and 3 Distinctions

Technician Modules – 1 pass, 2 Merits and 3 Distinctions

Technician Certificates Awarded - 1 Merit and 1 Distinction

Our next start date for all Distance learning courses is 9th September 2022
**IMF QUALIFICATIONS (ii)**

**Foundation Certificate** in basic surface finishing

Choose a Technical block either Electroplating, Aerospace or Organic and then another 3 units of your choice, further details available on our website [education – Institute of Materials Finishing](http://materials-finishing.org)

If you have already achieved the IMF Foundation Certificate why not enhance your skills further with one of our **Technician Modules** -

**There are 8 modules to choose from:**

- Principles of Electroplating
- Electroplating Practice
- Electroforming
- Paint, Lacquer & Varnish
- Powder Coating
- Automotive Surface Engineering
- Health, Safety & Environmental
- Materials Science

If you pass two Technician modules* you would be eligible for the Award of **Technician Certificate**, this qualification is recognised by the Engineering Council.

*The Automotive and PLV modules cannot be chosen together towards receipt of a Technician Certificate*

For further details and costs please contact Karen Yates -

[karen@materialsfinishing.org](mailto:karen@materialsfinishing.org)
Defra has published a consultation on extending the UK REACH submission deadlines for transitional registrations.

In December 2021 Defra committed to exploring alternative arrangements for transitional registrations in order to support chemical businesses, whilst upholding a high level of human and environmental health protection in line with our international commitments.

It will take time to fully develop an alternative transitional registration model and, if the decision is made to proceed, to develop and pass the necessary legislation. It is also necessary to allow industry time to comply with new arrangements. Therefore, Defra also committed to consult on extending the deadlines for providing the full registration data.

This consultation is seeking views on options to extend those current deadlines for registration. It is also seeking views on extending the dates for the Agency (HSE) to carry out compliance checks on 20% of registration dossiers.

This is a public consultation, and we welcome all views.

The consultation closes on 1 September 2022. For more information visit: https://consult.defra.gov.uk/reach-policy/consultation-on-extending-the-uk-reach-submission

Defra has also published a statement from the Defra Secretary of State on the consistency of the amendments proposed in the consultation with the aims of the UK REACH legislation.

For more information visit: https://www.gov.uk/government/publications/uk-reach-article-1-consistency-statement-on-extending-submission-deadlines-for-transitional-registrations
How can my business reduce its carbon emissions?

Graham Fraser – MD at Fraser Technologies

As businesses step up on meeting ESG targets and cutting carbon emissions, we’re seeing a noticeable increase in clients asking us to look at ways to help them meet their sustainability goals. When scrutinising every process throughout the supply chain, what many manufacturers are coming to realise, is that changing the chemicals in their cleaning processes can significantly reduce carbon footprint.

Historically, cleaning solvents were notorious for having very high global warming potential (GWP) and had seriously detrimental effects on the atmosphere. However, while many businesses would think they were doing the best thing from an environmental perspective by using an aqeous solution over a solvent, this is not always the case. The new generation of solvents have been developed specifically with the environment in mind and are far less harmful than comparable solutions.

How can Fraser Technologies help?

We are committed to minimising any negative impact on the environment and strive to ensure we offer the most advanced and sustainable products on the market. One such product is Opteon™ SF80 from Chemours. SF80 has an ultralow GWP of less than 2.5, unlike common F-gas solvents that can have a GWP of up to 11,000. SF80 is just as effective as these damaging competitor products – and in many cases can be even more efficient – so changing can have a huge impact on helping to lower carbon emissions, and it can improve the cleaning process and save money in the process.

We’re proud that many of our clients switched to lower GWP solvents, resulting in proven emissions reductions and cost savings. One of our leading aerospace manufacturer clients is a perfect example of this.

Looking for an alternative to the high-GWP solvent they were using in a bid to lower their emissions and improve their sustainability credentials, they switched to SF80. We worked closely with them to optimise their process and reduce their solvent consumption, helping them reduce their overall usage of solvent by 28%. This saved them around £30,000 per year, and dramatically reduced their carbon emissions. Previously, our client’s GWP was 990 – so the CO₂ emissions being created by the customer were equivalent to driving around the world 143 times. With a more efficient process and using SF80, the new emissions were around the same as they would be driving from Edinburgh to Moscow.

Where to begin?

The statistics on global warming are extremely worrying. The problem can be almost exclusively attributed to harmful gases in the atmosphere, and we can reduce this by making small differences in all that we do. When considering cleaning processes, the solution already exists, with much more environmentally friendly solvents on the market that deliver comparable results.

To know more about whether your organisation can reduce the carbon impact of its cleaning process, please contact us today. It could be one of the easiest ways to help meet your company’s sustainability targets.

For more information, please contact us:
Tel: 01506 443058 | E-mail: sales@frasertech.co.uk | www.frasertech.co.uk
Make UK Defence, the national not-for-profit, member owned defence trade association, part of Make UK – has welcomed HMG Paints as its newest member.

Make UK Defence champions and celebrates the UK’s defence & security industry and provides a opportunity for collaboration between SME’s and the Defence industry. HMG Paints, the UK’s leading independent paint manufacturer, brings its portfolio of Def Stan coatings and bespoke paint and coating formulation services to the group.

All of HMG’s Defence coatings, including its Def Stan 80-225 system, are Made in Britain accredited, which means the company can provide fast delivery, something which has become increasingly important to its customer base over the last few years.

“We’re looking forward to working with the Make UK Defence team and their members”, commented Alan Sharples, HMG Defence Sales Manager. “Already in our early connections with members we’ve heard how members have struggled to acquire paints and coatings, which are often imported from abroad, and HMG are keen to build partnerships to help fulfil paint requirements for future projects”

HMG Paints, will be attending the DVD2022 exhibition in September where Made UK Defence members and non-members can meet the HMG team face to face. The attendance at the show will allow engineers and specifiers to discuss in person their defence coating requirements. HMG’s Defence Technical Support team will be on stand C3-819 at the show which takes place between the 21st and 22nd September at UTAC Millbrook.
Ex-Demo AlphaSE Spectroscopic Ellipsometer Available to Buy

QDUKI are delighted to be able to offer this ex-demo model of the J A Woollam alpha-SE spectroscopic ellipsometer - with a sizeable discount and 2 year free warranty. For routine measurements of thin film thickness and refractive index, the alpha-SE ellipsometer allows you to mount a sample, choose the model that matches your film, and press “measure”. You have results within seconds.

Applications include: Dielectric films, Self-assembled monolayers, Absorbing films, Coatings on glass.

Not sure if the AlphaSE is right for your application?

We’d be happy to perform a free sample measurement so that you can try before you buy!

Call Shayz Ikram on 01372 378822 or email shayz@qd-uki.co.uk

Quantum Design represents J A Woollam in the UK and Ireland. Find out more about us at www.qd-uki.co.uk
Measuring Made Easy - And now FREE...

Do your product coatings meet specification? Have you been supplied the right materials? Using the latest instruments and techniques, Fischer will test your samples for free and quickly report the results*. We are a German original equipment manufacturer and we support customers control their processes, reduce scrap and cut costs.

We can help you:
- Prove your process – check your process is in control
- Validate your measurements and process capability
- Take corrective action to prevent non-conformity
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- Prepare for an audit
- Plan new process/product development
- Save money and time!

To arrange your free sample testing please contact us:
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*Subject to availability

NEW SUSTAINING MEMBERS

COLLIER WEBB
HANDCRAFTED IN ENGLAND

Collier Webb are designers and makers of the finest lighting, furniture and hardware. Our reputation for excellence is acknowledged by leading designers and architects who engage us to create unique designs.
SITUATIONS VACANT

Technical Services Manager

We are looking to expand our Technical Services department and are currently seeking an experienced industry professional to join our fast-growing team. As Technical Services Manager you will lead all aspects of the day-to-day running of the Technical Services department.

The company:

Since 1959 PMD Chemicals have been dedicated to providing best in class chemical solutions to the general metal finishing, PCB and electronics industry backed up unrivalled technical support and customer service. Our progressive product range comes from a strong focus on research and developments whilst understanding the current market and industry trends. Our site in Coventry, allows us to incorporate administration, manufacturing, shipping, technical services and sales in one facility. We aim to build long term relationships with our customers built upon a mutual understanding of the market and their needs, this has allowed PMD Chemicals to become a one of the largest independent manufacturers and suppliers of process chemistry in the UK. Development of overseas subsidiaries and partners has allowed us to become a true global player in the general metal finishing, PCB & electronics markets.

Your responsibilities will include:

- In-house laboratory management of our Technical Services team
- On-site customer technical support including installations, troubleshooting and customer audits
- Continuous process development focussing on next generation products and the enhancement of our existing products
- Development of OEM approval listings
- Oversee the implementation of a technical documentation system
- Be the key contact for our worldwide technical partners

The individual:

- Experience within the finishing industry is essential with a flexible and customer focused approach
- A strong chemistry background ideally within the finishing industry.
- Effective and Professional communication skills with colleagues, suppliers and customers
- Attention to detail, accuracy and thoroughness in your work
- Clean driving licence and willing to travel

In the first instance please send your CV to harryp@pmdchemicals.co.uk or call the office on 2476 920168 and ask for Harry Pemberton
EXHIBITIONS

15-19 April 2024
NEC Birmingham UK
machexhibition.com

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