



# information

## Testimonial - Institute of Materials Finishing



I can't begin to stress how great a benefit that the Technicians course that I completed with the Institute of Materials Finishing has been to furthering my career, it enabled me to see beyond the basics of the

various processes for which I was responsible as a Plating Trainer for Seagate Technology. Before completing the course I had a better than average knowledge which enabled me to train operators to a competent level but I never knew the science behind the process. Completing the technician's qualification enabled me to see beyond my limits, beyond my role giving me the confidence to advance on to the Process Technician post I now occupy. The experience and knowledge that I gained through the Institute of Materials Finishing is second to none and I would whole heartedly recommend its courses to anyone.

*Jonathan Lynch  
Plate Process Technician,  
Seagate Technology*

## Seagate Training

At Seagate's Springtown facility, the company develops and manufactures recording heads, the highly complex component that writes information onto and reads information from the recording disk inside a hard drive.

They are one of the largest fabs in the world for this technology with over 25% of the world's recording heads coming from this facility. The main technologies are lithography, etching and deposition; both plasma and electrodeposition are used.

The Irish Branch of the IMF has carried out 6 classes at Foundation level and 3 at Technician level for the facility. I have had the pleasure of tutoring some of these courses. The Technician level course is particularly challenging as we run full day training once a month. The two modules used for Seagate are Principles of Electroplating and Electroplating Practice. The students have a diversity of education levels from GCSE to degree level (and for some this could be a long time ago). The training is for process operators, who operate the plating cells; process technicians, who test and made up the chemistry and maintenance technicians who maintain all aspects of the tool. All operations are very highly sophisticated with a level of automation rarely seen in a standard plating shop.

The striking thing about the students is their keenest to learn, always relating what was being taught to their own facility. I have always enjoyed the interaction and try to bring in some general problem solving to make some of the chemistry heavy modules easier to understand.

*Dr Ann Hopper  
IMF Tutor*

**Next Enrolment date  
for Training Courses  
is 2nd Sept 2016**

**Contact  
David Meacham on  
0121 622 7387  
david@materialsfinishing.org**

# imf news

## 2016 AGM on 29th Nov



This year's AGM will be held at the Cobden Hotel on Hagley Road, Birmingham.

## Barry Gay NEW Email

Please note Barry Gay has a new email address: [barry.bgmic@gmail.com](mailto:barry.bgmic@gmail.com)

## Webinars

As a sustaining member of the IMF. We offer a service for you to advertise your Webinar in IMFormation in order to promote your products. If you would like further information please contact [Helen@materialsfinishing.org](mailto:Helen@materialsfinishing.org)

## Member Representative

Following the retirement of Malcolm Griffiths as member representative on the Management Board there is a vacancy from the Annual General Meeting in November 2016. Nominations for the position should be submitted via Helen in the office by the 31/10/16, elections will take place at the AGM.



## 5 of Pexa's team presented with NVQ's

5 of the team at Pexa were presented with their NVQ certificates this week. Pexa is the Holywell Green based specialist supplier of high tech surface finishing materials to the aerospace industry and is one of the only aerospace businesses located in West Yorkshire. As part of their programme to improve the skills of their team and aim for nationally recognised qualifications, Pexa encouraged 5 of them to complete Intermediate Level Apprenticeships and NVQ Level 2 qualifications. Four team leaders have now completed NVQ Level 2 in Team Leading with level 1 certification in ICT, maths and English with Slic training and one team member has completed his apprenticeship with NVQ Level 2 in Warehousing and Storage with Skills for Logistics.

Their certificates we presented to them this week – Michael Rickard, Ryan Quick, Rachael Davis and Lucile Courseaux from Pexa with Bridget Wood from Slic Training. The certificates were presented by Bridget and Jim Rowbotham, Pexa's MD who said "we are really pleased and proud that our team has committed themselves to win these qualifications and managed to fit the extra work in around their normal duties. They have all passed every module with flying colours and no doubt they will bring the benefits of that enthusiasm and their new skills to Pexa and our customers".

## Coventya appoints Factory Manager

Coventya announce the promotion of Russell Barnbrook to the position of Factory Manager. Russell has been at the firm for 8 years, his positive attitude and enthusiasm has seen him take increasing levels of responsibility including supervision of production and warehousing operations at their Four Ashes site. Last year he received one of the prestigious Coventya Leaves awards, which recognises the excellence and achievement of its best employees within the global company.



The new position of Factory Manager is part of the ongoing expansion plans of the company, and will help support its continued growth. The management team are delighted to recognise Russell's personal development and

the contributions he has made to the company.

UK Managing Director Duncan Beckett commented on the appointment "The management team are excited to recognise the contribution Russell has made to the business, and I am delighted to congratulate him on this well-deserved promotion".

Coventya is an internationally recognised technology leader in the development and supply of chemical products for electroplating and surface finishing. Established in the UK March 2012, the company operates from its facility in Four Ashes near Wolverhampton, which is the Coventya global technology centre for cathoretic lacquers. Products manufactured in Four Ashes are exported around the world throughout Europe, The Americas and into Asia.



## Coventya strengthens Customer Support Team

Coventya have appointed Mr Kris Varma to their UK team in the role of Support Technician. He is focused on providing technical service and support to existing customers in the South East of England. Working with the management team, he will help develop business opportunities as part of the company's expansion plan. Kris is a highly respected and well-known figure in the surface finishing and metal treatments industry. He has over forty years of service to the industry, and is a Fellow of the Institute of Materials Finishing.

UK Sales Manager Paul Wynn commented on the appointment "I am delighted that Kris has joined our team. He brings a wealth of experience that will add value to our expanding customer base, I wish him every success in this new role".

Coventya is an internationally recognised technology leader in the development and supply of chemical products for electroplating and surface finishing. Established in the UK March 2012, the company operates from its facility in Four Ashes near Wolverhampton, which is the Coventya global technology centre for cathoretic lacquers. Products manufactured in Four Ashes are exported around the world throughout Europe, The Americas and into Asia.

# SURFACE WORLD

## LIVE 2017

22nd & 23rd March 2017  
NEC, Birmingham



- we have everything covered

**Schloetter**  
Surface Technology

The latest technology in Plating and  
Lacquer Processes

Contact Paul Griffiths  
Schloetter Co. Ltd  
New Road Pershore, Worcs, UK WR10 1BY  
T: +44(0)1386 552331 F: +44 (0)1386 556864  
Email: sales@schloetter.co.uk

[www.schloetter.co.uk](http://www.schloetter.co.uk)



FIRST FOR  
CHOICE

FIRST FOR  
VALUE

**PUMPS  
AND  
FILTERS**

Siebec UK Ltd  
Unit 3  
St Albans Rd, Stafford  
Staffs ST16 3DR

Tel: 01785 227700  
Fax: 01785 246006

**A-GAS<sup>®</sup>**  
Electronic Materials

## PAVCO UK and Ireland Distributor

A-Gas Electronic Materials has signed a contract to become the sole UK and Ireland distributor for Pavco. The addition of Pavco products allows A-Gas EM to enhance its portfolio for the automotive market.

PAVCO<sup>®</sup> has been a leading developer and supplier of chemistries for the metal finishing industry since 1948. Their focus is on development of new and innovative electroplating processes, which provide the metal finisher the most productive and profitable process available. Their track record illustrates they have successfully accomplished this goal, whilst their current investment in research and development bodes well for continued progress.

*A detailed brochure can be found at  
<http://www.agasem.com/products/pavco/>*

## The Presidents Column by Graham Armstrong



It's now nearly 2 months since we voted for Brexit, which has given us little time to start reflection on how this decision will effect British business.

I have to say that as yet, in my working life, I've seen little difference.

The majority of businesses I have seen in the last few weeks are as busy as they were before, but perhaps it is too early to read much into this. On a recent trip to clients in both northern and southern France, my contacts showed no change in their attitude to dealing with a British company, taking the view that if a British company could supply the goods, why look to change?

One noticeable difference was the change in the exchange rate, with my pound buying significantly less euros! Whilst this made my travelling more expensive, it will give British companies a more competitive edge over their European competitors.

One area where thought at high levels has already commenced is our continuation or otherwise to support and comply with the REACH regulations. These are European regulations, and until our withdrawal from the European Union is finalised we will still need to comply.

However, DEFRA have started a review process as to whether, once our "separation" is complete, we continue to work to these regulations, or adopt a specific "British" version.

**Working in conjunction with the industry wide "Cross Sector Group" the Institute is asking our members to review and comment upon three alternatives:**

- 1.) Full access to EU REACH
- 2.) UK REACH Aligned System
- 3.) UK REACH Non-Aligned System

You will have been circulated with a detailed document, prepared for the Cross Sector Group by the British Coatings Federation, which illustrates both advantages and disadvantages of each proposed system.

I'm sorry to give such short notice but we do need any comments you may wish to make to be back at the office by the end of August. These will be based on the DEFRA through TECH UK, where Susanne Baker acts as the information co-ordinator for the Cross Sector Group. Submissions to DEFRA will need to be in by mid September.

What the outcome will be is impossible to predict, but at least through our efforts with the Cross Sector Group we should have advance information, and perhaps an ability to influence a government decision?

For your interest, the Cross Sector Group includes major players from industry: Rolls-Royce and GE from aerospace; Jaguar-Land Rover from Automotive; Kingfisher (B&Q) from retail, as well as many involved associations and institutes.

So to conclude, I do think we will need to continue to monitor events not only on REACH but our general trading with Europe and the World. As we learn anything, we will of course keep our members updated.

*Graham Armstrong*

**Seminar Marking 20<sup>th</sup> Anniversary of  
Institute of Materials Finishing in Ireland.  
Wednesday 14<sup>th</sup> September 2016.**



Queen's University Belfast David Keir building Room LG/024



The Irish Branch of the IMF first formed 20 years ago this year and is still actively providing Seminars in both the North and South of Ireland aimed at bringing relevant subjects to the forefront for local businesses and institutions.

This Seminar, in conjunction with QUB, will bring forward a mix of subjects ranging from Organic Finishing, Electrophoretic coating, and Pre-treatment Procedures for promotion of adhesion. These topics will be of interest to those in aerospace, automotive, biomedical as well as general surface finishing.

Also included, is an update on legislative pressures on the Industry relating to REACH legislation and global impact, including Brexit. The IMF is well known for its training programmes and there will be an opportunity to discuss your needs with IMF trainers present.

The Irish Branch look forward to meeting Non-Members, Members, and representatives of Sustaining Member companies to promote the advancement of the industry in the Island of Ireland.

*For further Information please Email either Greg Payne  
[gsp120@aol.com](mailto:gsp120@aol.com) or Ann Hopper [ann.hopper@dit.ie](mailto:ann.hopper@dit.ie)*





## 20<sup>th</sup> Anniversary Seminar Programme

Belfast 14<sup>th</sup> September 2016

09:30 – 10:00 a.m. Registration

10:10 a.m.

Introduction and Seminar overview

10:20 a.m.

Electrophoretic surface finishing over the last 20 years

*Justin Rooney, Nick Vaughan*

10:50 a.m.

Reach – Global Impact and potential consequences of Brexit?

*Kenneth Kelleher – Schlotter*

11:20 a.m. Tea / Coffee Break

11:40 a.m.

Surface Modification for promotion of adhesion

*Dr Chris Lines – Dyne (TBC)*

12:10 p.m.

Organic Finishing techniques for Aerospace and Automotive applications

*Graham Armstrong*

12:40 p.m. Lunch

1:45 p.m.

IMF Training services for Industry

*Ann Hopper, Graham Armstrong*

2:15 pm

Photo - Catalytic conversion

*Professor Peter Robertson QUB (TBC)*

2:45 p.m.

Discussion and Close

3:00 p.m.

Tour of Queens facilities (TBC)



## PRECIOUS METAL RECLAMATION SPECIALISTS

Contact Paul Johnson  
to discuss your requirements  
(01327) 260581 • paul@pcm-ltd.co.uk

[www.pcm-ltd.co.uk](http://www.pcm-ltd.co.uk)



## ATOTECH

Leading world supplier of advanced surface treatment processes and products

**ATOTECH UK LTD**

William Street

West Bromwich, B70 OBE

Tel: 0121 606 7777 Fax: 0121 606 7200

## Innovative Measurement Technology

Fischer instruments; for when trueness, precision and reliability are essential.

For more information,  
call 01590 684100

[www.fischergb.co.uk](http://www.fischergb.co.uk)  
[info@fischergb.co.uk](mailto:info@fischergb.co.uk)

Coating Thickness  
 Microhardness

Material Analysis  
 Material Testing

**fischer**<sup>®</sup>



# Situations Vacant



## Manual Paint Sprayer

Salary: Competitive

Full Time Perm • 39 Hours Per Week

### The Position:

Due to our continued growth, we're always on the lookout for quality manual paint sprayers.

Due to the nature of the business, ideally you will have previous experience as a wet paint sprayer, working within the manufacturing sector – dealing with a variety of materials including both metal and wood. You must be able to fully complete the role 360 degrees, from prep work, through the spraying to the finishing touches.

An NVQ level 3 or equivalent in Paint Spraying would be highly advantageous.. You will also have exposure and experience of leading a team as this role will have people management aspects.

Finally, you will appreciate attention to detail, have the willingness to learn to use specialised tools and equipment and a desire to work with staff and accommodate requests.

### Duties Include:

- Liaising with staff at all levels
- Being accountable for the work you produce
- Working to the set KPI's
- Always focusing on best practice
- Adhering to all aspects of Health and Safety

### Skills Required:

- Attention to Detail
- Confident in maths and English
- Exposure to paint spraying
- Health and Safety/environmental awareness

- Willingness to Learn to use Specialised Tools and Equipment
- Desire to Work with our staff and accommodate requests
- Being able to resolve problems efficiently
- Being discrete and flexible
- Being focused and self motivated
- Physically capable of moving equipment
- Time management and organisation.

The ideal candidate will be willing to provide the company with a test spray to show their skills and attributes. You will be honest, respectful and trustworthy and along with this, possess cultural awareness and sensitivity.

**Applications must be sent to Luke Allsopp**  
**luke@frederickcooper.co.uk or via our**  
**websitewww.frederickcooper.co.uk/careers**  
**No agencies**



## Experienced Electroforming Technician

Thomas Keating Ltd has a vacancy for an Experienced Electroforming Technician. Previous electroplating or electroforming experience is essential. Benefits include 28 days holiday, flexible working, overtime, life assurance and profit share.

**Please send CV with covering letter to**  
**Maxine Gregory at**  
**m.gregory@terahertz.co.uk**

Thomas Keating Ltd, Station Mills, Daux Road  
Billingshurst, West Sussex, RH14 9SH, UK  
Tel: 014037 82045 Fax:014037 85464

# Situations Vacant



## Laboratory Deputy Supervisor / Works Chemist

### Business Background

Founded in 1947, Abbey Metal Finishing Co Ltd (Amfin) has established a reputation as a professional and accomplished metal finishing company. We serve customers in a diverse range of industries including aerospace, defence, rail, automotive, general and specialist engineering & hold accreditations for NADCAP, ISO 9001 - AS/EN9100, BS ISO 14001, BS OHSAS 18001.

Our 2012 facility in Hinckley is among the world's most modern integrated processing and finishing plants, ensuring efficiency whilst reducing costs and lead times.

### Scope of Position

To support the manufacturing operations via the control and analysis of production processes whilst ensuring safe production at the right level of quality. You will be working alongside our current Laboratory supervisor as he works towards retirement.

### Key Areas of Responsibility

- Ensure health and safety guidelines are followed at all times.
- Technical support for wet processing.
- Control of process solutions.
- Over check of chemical analysis.
- Calibration of process control equipment.
- Corrosion testing.
- Stock replenishment and expiry control.
- Testing schedule control.
- Maintenance.
- Housekeeping of dedicated areas
- Support of NPI process.

- Participate in customer meetings as required
- Liaising with different departments as required.
- Control of effluent treatment and steam boiler chemical protection
- Support process qualification as required

### The ideal candidate must have the following skillset / experience

- Have experience in working within the metal finishing industry
- Have experience in working in a laboratory environment
- Be self-motivated and able to accept responsibility of ensuring the laboratory runs smoothly
- A good chemistry background
- Be a team player and be able to work well with other departmental heads
- Computer literacy.
- Good communicator and people manager.
- Attention to detail.

**Salary £20K - £26K / year  
dependent on experience**

**Please send your C.V. and covering letter to  
rbrook@amfin.co.uk**



**INDUSTRIAL PROCESS HEATING EQUIPMENT**

**braude**



The Neptune MI Electric Immersion heater is the newest addition to the Polaris range of Heaters

- STAINLESS STEEL, TEFLON OR TITANIUM
- LOW WATT DENSITY • SINGLE OR THREE PHASE

Contact our Sales team on:  
01252 876123 • sales@braude.co.uk 

**MODULAR POPULAR CYLINDRICAL NEPTUNE**

**www.braude.co.uk**



Institute of Materials Finishing

Southern Branch



## *“Need to Paint Your Wagon?”*

**Date:** 5<sup>th</sup> October 2016 (17:00 – 21:00)

The Southern branch of the IMF is pleased to invite you to its first ever evening Seminar devoted to the Paint industry.

**Venue:** Lloyd's Register Global Technology Centre,  
Southampton Boldrewood Innovation Campus,  
Burgess Road, Southampton, Hampshire. SO16 7QF

<b>Presentations:</b> 18:45-21:00	Super Yacht Finishing	Stuart Downie (Lloyd's Register)
	Aerospace Coatings	Graham Armstrong (Indestructable Paints)
	Cycle Painting	Chandler Brujo (VeloBrujo)
	Spray Painting Equipment	Steve Mannouch (Finishing Brands)

**Topical videos and presentations will be shown during exhibition**

**Exhibition:** 17:00 – 18:45. **Buffet:** 18:00 – 18:45

Space is available for 7 – 9 small table exhibits in the auditorium area. If you are interested in exhibiting then please contact Clive Arnold (e-mail: [clive.arnold@lr.org](mailto:clive.arnold@lr.org)).

**Registration:** Attendance is free. Registration is essential. Please complete associated application form and forward to Clive Arnold (e-mail: [clive.arnold@lr.org](mailto:clive.arnold@lr.org)) by Friday 30 September 2016.



# welcome

## New Members

### Member MIMF

**Alan Brook**  
Abbey Metal Finishing

**Mozzam Bashir**  
Advanced Colour Coatings

### Fellow FIMF

**William Green**  
Consultancy

### Technician TechIMF

**Thomas Vanes**  
LVH Coatings

## Sustaining Member



**Component Coating / Finishing  
Specialist in the world of Powder  
Coating and Paint Spraying.**

### Frderick Cooper

44-45 Prince Albert Street  
Bordesley Green  
Birmingham B9 5AZ  
0121 772 4201

[www.frederickcooper.co.uk](http://www.frederickcooper.co.uk)  
Contact: Luke Allsopp  
Commerical Manager

**Based in Midlands,  
serving Nationwide**

## For Salt Spray Corrosion Testing & Chemical Analysis

by UKAS and Nadcap Accredited Laboratory



Corporate, ASTM and BS / ISO specification

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



## Next Enrolment date for Training Courses is 2nd Sept 2016

Contact  
David Meacham  
on

0121 622 7387

david@materialsfinishing.org



# exam results

## Distance Learning Foundation

Wayne Oddy • Silchrome Plating Ltd  
Parnam Jirh • DMS Chromium Plating Ltd  
Oliver Davies • DMS Chromium Plating Ltd  
Anna Czech # • Morgan Advanced Materials  
Emily Liston • CT Supplies Ltd  
Neil White \* • CT Supplies Ltd  
Harley Ross # • Ashton & Moore  
Wade O'Sullivan \* • Messier Services  
James Thornhill • Messier Services  
David Newport # • Moog Inc  
Ian Mattox # • Moog Inc  
Nigel Ridguard # • AWE plc  
Karnadeep Sembi # • Indestructible Paint  
Dave Brown # • AWE plc

## Distance Learning Technican

### *Electroplating Practice*

Wendy Chilton# • R A Chilton Ltd

### *Principles of Electroplating*

Sean Cox • Selex-ES InfraredLtd  
Richard Bennett\* • Schloetter Co Ltd

## Poeton Foundation

Karolina Bindas\*  
Daniel Brown  
Mollie Davis\*  
Mihai Giuglea  
Samuel Goga  
Connor Hayes  
Danielle Jenkins  
Antony Kenyon\*  
Claudiu Molnar\*  
Izabela Stanek\*  
Lucian Toncean\*

## South West Metal Finishing Foundation

Emilian Gawrys\*  
Dorota Gawrys\*  
Esther McPhee

# Distinction \* Merit