



IMFORMATION

OCTOBER 2020

IMF AGM 2020

Due to the current uncertainty of being able to hold events this year, because of COVID-19, the IMF has made the decision to hold the AGM via ZOOM.

It will be held on the 25th November 2020 at 2.00 pm.

If you wish to take part in the Zoom meeting please can you email

helen@materialsfinishing.org



The IMF website has moved and can be found at
www.materials-finishing.org

Opening up the new website you will find a completely refreshed appearance and by becoming a member and logging on, the ability to see extra items such as Webinars, Seminars, access to all IMFORMATION and much more.

So go ahead, type in the new address and look around.

Institute of Materials Finishing
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IMFORMATION OCTOBER 2020



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YouTube



<https://youtube.com/channel/UC>

GAPqt37unEQaUHn8dSu5A?view as=subscriber

IMF DIARY

DISTANCE LEARNING START DATES

Friday 22nd January 2021

Friday 4th June 2021

Friday 10th September 2021

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

Or Telephone **0121 622 7387**

You can find details of courses and qualifications on our website

UPCOMING WEBINARS

10th November 2020

“Chromium Plating”

UPCOMING SEMINARS

7th October 2020.

Southern Branch Seminar “Paint Your Boat”

Everyone is invited and if you wish to attend any webinar or seminar please contact

John Burgess by email

JohnB_IMF@btinternet.com



Gosh, where are we? Writing this at the end of September, I'm not certain where I can go or what can I do. I can't meet my friends in my house or in my garden, but I think I can eat with them in the pub, providing there's only 6 of us, and we go home early! The same confusion is happening in the workplace. Living in north west Herefordshire, I'm not involved in a "local lockdown" but can I travel to clients in Birmingham, the Black Country or other parts of the UK where there are greater restrictions on movement?

All this confusion can't be good for any business, and I'm aware an awful lot of companies in Materials Finishing are suffering. I think all we can do is "hunker down" and make sure we deal with our clients and suppliers in the best way possible, and look to ride out the "Covid storm" as best we can.

On top of this, we've still got Brexit looming large on the horizon! Up until the last couple of days, I could see no light in this particular tunnel, and was pretty certain we'd end up with no deal and a complete shambles of trade between the UK and Europe, and probably the rest of the world.

However, reading the news in the last day or so, I see there has been some positive movement in the UK's negotiations with the EU, and that finally there seem to be a flickering of a deal, with the EU finally agreeing to some concessions. I hope by the time you read this, it hasn't gone completely belly up!

On top of this, there's still UK REACH which continues to baffle! In the last edition of IMFormation there was a piece on where we as industrial users of chemicals need to be, and actions that will need to be taken. To my knowledge the situation hasn't really changed, but I expect to have a much more accurate update by the middle of October, following a Cross Sector "zoom" meeting with DEFRA, BEIS and the HSE, planned for the 13th October. Obviously, any updates that come out of this meeting will be passed on to you our members.

At the moment, Exeter House remains open, but as over the past few months, please refrain from visiting. Helen and Karen are both working there but obviously observing social distancing, as they are both deeply involved in planning for the examinations scheduled for October. We all hope that these do go ahead as planned so that our students can see some results from the hard work they have put in over the last six months.

Once the examinations, and the associated work have been completed, Helen, Karen and I will discuss if it is wise for them to return to working from home, but obviously with the rapidly changing scenarios linked to the dreaded Covid, any decision will be made following the most up to date information from the Government.

So, in these challenging times, keep well and stay safe, and remember we will come out the other side!

Graham Armstrong
September 2020



HMG PAINTS PARTNERS ASTON MARTIN RACING

Manchester based Family Business; HMG Paints has seen its paint take first place in the most iconic race of them all. Aston Martin Racing won the 88th 24 Hours of Le Mans, with the British Manufacturers cars and striking livery using HMG Paints Acrythane 4GTE paint system. The British manufacturer, which was last victorious in the world-famous event in 2017, recorded its best ever result at the Circuit de la Sarthe by winning both GT classes and with three crews standing on the podium. The result means that Aston Martin scored enough points to secure the FIA World Endurance Championship (WEC) manufacturers' title with one round remaining.

"It's always great to see colours developed at HMG racing around such an iconic track and to see the team take the race win and the WEC Manufacturers title is a proud day," said Steve Kennedy, Head of HMG's Advanced Colour Design Centre. "We have a deep connection with the Aston Martin Racing GTE lime green where we worked to get the car ready at HMG for its Geneva launch, and all at HMG send their congratulations to the Aston Martin Racing team."

HMG Paints has been Technical Partner with Prodrive and Aston Martin Racing since 2003 and even welcomed Jonny Adam, who took victory in the Pro AM class, to its Manchester based headquarters to speak to staff about their 2017 Le Mans victory.

It was works drivers Alex Lynn (GB) and Maxime Martin (BEL), along with former Le Mans class-winner Harry Tincknell (GB), who took the most coveted win in endurance racing after a flawless performance in the #97 Vantage GTE and a thrilling and nail-biting 24-hour battle with the works team Ferrari.

Lynn, who set the fastest lap of the GTE classes at 03.10 on Sunday said: "I won't lie, that was emotional... I had a few tears on the last lap. I have driven this exact car for the last three years and so much hard work and sweat has gone into it. It honestly feels incredible."

TF Sport's Vantage GTE took class-winning honours in GTE Am with works driver Jonny Adam (GB) and Charlie Eastwood (GB), and team-mate Salih Yoluç (TUR) and, with it, the lead of the WEC GTE Am drivers' title going into the season finale at Bahrain International Circuit. The British outfit is the first privateer team to win Le Mans with the Vantage GTE.

Nicki Thiim (DEN) and Marco Sørensen (DEN), who were joined this weekend by Richard Westbrook (GB), will also take the WEC pro-class drivers' title to the wire – they now lead team-mates Lynn and Martin by just 15 points after taking third place in the GTE Pro class.

In the GTE Am class, huge disappointment came for long-standing Aston Martin Racing driver Paul Dalla Lana (CAN), who had high hopes for his eighth Le Mans. Outstanding pace from the Canadian and his team-mates Augusto Farfus (BR) and works driver Ross Gunn (GB) proved fruitless after an extended pitstop put a halt to their race-leading charge.

The trio of podiums at the double-point-scoring event was enough for Aston Martin to take the WEC Manufacturers' title for the first time – the British manufacturer crossed the line 76 points ahead of Porsche and 97 ahead of Ferrari.

Tobias Moers, Aston Martin CEO, commented: "I am extremely proud of everyone who has played a part in this momentous victory today. To win both GTE classes and the WEC Manufacturer's title is testimony to the quality of both the team, the Vantage GTE and the Vantage road car that is the basis of the race car."

The 2020 24 Hours of Le Mans GT winners completed 346 laps of the 13.8km track. While Lynn set the fastest lap time of the GTE competitors – 3:50.321 – Thiim drove for 10:02.35 of the 24-hour race, more than any other Aston Martin Racing driver. really appreciate all the messages and the good will."

Visit: <http://www2.astonmartin.com/en/racing/news/2020/09/20/aston-martin-wins-the-24-hours-of-le-mans-and-clinches-the-wec-manufacturers-title> for more information.



ADDEV MATERIALS AEROSPACE & DEFENCE



ADDEV MATERIALS

Famous Names PSG and Pexa begin new identity as Addev Materials Aerospace & Defence

AEROSPACE & DEFENCE

In 2019 Pexa and PSG, both part of the Graytone Group, leading distributors of surface finishing materials and chemicals to the aerospace

industry, were acquired by Addev Materials, the French owned international specialist in chemicals distribution and custom packaging.

Since then the companies have continued to operate independently but now in September 2020, we are pleased to announce that the 2 companies will come together and operate under the name Addev Materials Aerospace & Defence. This forms part of Addev Materials' global strategy to gather its chemicals distribution businesses under this brand and to offer the market the option of a technically expert supplier with a significant international reach. Our expertise includes product and process reviews, support and training on product application, know-how and partnership on compliance issues and a logistics approach that can support any supply chain model. The companies will unite under the Addev Materials brand and the old Pexa and PSG brands have been "retired". All literature and other assets have been reissued with the new logo.

Jim Rowbotham Strategic Partnership Director said "This is good news for our industry and our partners, both customers and suppliers. Due to Covid-19 the whole market has suffered a shock and significant restructuring of business is underway. Our merger is very timely and offers customers and suppliers in our market a new solution and a new approach based on the market as it evolves from here".

The field sales teams of the two companies have been merged, so customers now have a single sales contact. All UK stocks and product mixing capabilities have been located at the company's site at Bordon Hants. In the EU all stocks have been located at the Addev Materials site at Toulouse, which will form the hub of EU operations and the main platform for the company's operations in Europe after Brexit. The company has merged the Pexa and PSG websites at www.addevmaterials-aerospace.com and will create an entirely new website moving into 2021.

Graham Yates Managing Director of Addev Materials UK said "I am delighted that PSG and Pexa are merging to become one Company. The extended product range and our expertise, when combined with Addev Material's ambition for growth in the aerospace and defense sector, creates a formidable combination which will enable us to serve our customers and suppliers better across EMEA, North America and beyond"

Until 2021 the legal entities of Pexa and PSG will remain in place, this will provide time for trading partners to adapt to the new identity, orders will continue to be handled by the 2 customer services teams at Pexa and PSG. Later in 2020 the company will announce the complete merging of the 2 businesses into a single legal entity operating a combined ERP system.

Robert Waddell Sales Director EMEA said "The merger of PSG and Pexa is great news for our customers. As the supply partner of choice to the world's largest coatings, surface treatments, chemicals and composite material manufacturers, our customers now have access to our combined offering. Our sales and technical team brings together an experienced and knowledgeable group of industry professionals, uniquely qualified to advise our customers on all aspects of aerospace coatings and surface treatment, NDT, composite processes and application. Our operations will be further complemented in early 2021 with the expansion of our new UK application training centre".

Contact details for more information [Jim Rowbotham j.rowbotham@addevmaterials.com](mailto:j.rowbotham@addevmaterials.com) [Sarah Hammouche s.hammouche@addevmaterials.com](mailto:sarah.hammouche@addevmaterials.com) Tel:



Upcoming Webinar

Please see below information on our upcoming webinar.

Date: 10th November 2020

Time:14:00

Subject- Chromium Plating

To Register:-

<https://exeterhouse.clickmeeting.com/chromium-plating/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

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You may enrol from **1st December 2020**

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Principles of Electroplating

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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

Or telephone 0121 622 7387

FRASER TECHNOLOGIES (i)

The Benefits of New Generation Specialty Fluids leading the way for Precision Cleaning

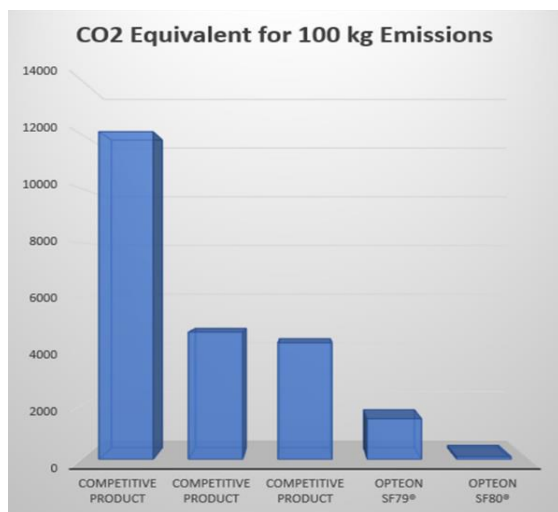
With the wide range of options on the market for cleaning and degreasing products and components, it can be difficult to know where to begin when choosing the best cleaning solution for your business.

The first choice is whether to opt for water-based aqueous cleaning or solvents. While many people have an instant reaction to steer clear of solvents due to their controversial history, there's an impressive new wave of cleaning technologies that should not be ignored: new generation specialty fluids.

Significant advancements have been made in industrial solvent cleaning, making specialty fluids a viable, safe and cost-effective option. They use eco-friendly chemistries, and are an effective alternative to older, hazardous solvents and those containing F-gases that have now been banned or restricted. Recent studies have also shown that in many cases, the solvent cleaning process is much more environmentally friendly than comparable aqueous processes.

Many of the older solvents still in use, such as Perchloroethylene, Methylene Chloride, HFEs and HFCs, can, in most instances, be substituted with a new generation specialty fluid.

One option that should be explored is the Opteon™ range from Chemours™, which boasts low global warming potential (GWP). Global warming is a gradual increase in the overall temperature of the earth's atmosphere, generally attributed to the greenhouse effect, caused by increased levels of carbon dioxide, CFCs, and other pollutants. GWP is used to represent the equivalent of CO2 being released into the atmosphere. So 1kg of CO2 = a GWP of 1. For example, HFC 4310, a commonly used fluorinated solvent, has a GWP of 1300 compared to Opteon's™ new SF80 which has a GWP of less than 2.5.





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FRASER TECHNOLOGIES (ii)



So, in a nutshell, what are the benefits of these new specialty fluids?

- Superior cleaning performance
- Ultralow GWP of less than 2.5, significantly reducing environmental impact
- Recyclable and reusable, reducing cost of ownership and environmental footprint
- Lower in capital equipment costs than comparable water-based systems, also reducing cost of ownership and leaving a smaller equipment footprint
- Non-flammable
- Safe in use
- Fast and efficient, shortening lead times and reducing costs
- Safe and easy to use, and low maintenance

The Chemours™ range of safe, environmentally friendly solvents have become widely accepted as best in class, next generation fluids and are approved for use in a large range of standard cleaning systems.

Fraser Technologies, which supplies the Chemours™ range, can provide recommendations if you're considering a new solution for oil and grease removal; precision cleaning; high solvency defluxing; silicone removal; vapour degreasing; or cold cleaning. The team looks at each job individually and advises on cleaning fluids, systems and equipment that will provide optimum results for your business. Experts conduct site visits and evaluate individual cleaning needs and existing processes, making detailed equipment and chemistry recommendations to provide bespoke cleaning systems. It also runs trials and provides detailed reports, making independent evaluations and recommendations to ensure the correct solution is used for every application. For more information or if you would like to arrange a trial please visit www.frasertech.co.uk.



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INDESTRUCTIBLE PAINT'S SUPPLY TO INDIAN POWER GENERATION ACKNOWLEDGED FOR ITS SUCCESS

With responsibility for the power generation industry throughout India, the National Thermal Power Corporation (NTPC) is reporting excellent results from material supplied by UK-based Indestructible Paint Ltd. Working with its distributor in the region, Matcon Hicoats PVT Ltd., Indestructible Paint supplied two products for an extensive gas turbine overhaul programme and has now received acknowledgement and praise for their performance.

"We received a formal Letter of Appreciation from NTPC for supplying material used on all 16 stages of compressor blades and stator veins," says Brian Norton, Indestructible Paint's Managing Director. "The customer has reported significant improvement in compressor efficiency as a result."

The company's Ipseal and Ipcote products have been supplied from its Birmingham manufacturing facility for the project. "Ipcote Sacrificial Aluminium Basecoat has been extensively proven in the highly demanding aero engine and industrial gas turbine sectors and is designed to resist abrasion, corrosion and the action of operating fluids and chemicals," says John Bourke, Global Sales Manager at Indestructible Paint. "Ipseal is an inorganic sealcoat which creates a smooth barrier coating without detracting from the sacrificiality of the Ipcote base coat."

Apart from fulfilling specific performance objectives, Indestructible Paint was also able to meet additional requests from the customer with the Ipcote coating system, for example, applied in a green finish.

"In addition to the supply of materials, we were able to assist the Matcon technical team to develop a mobile application and curing facility and to fully train the Matcon operators in the application and use of the Ipcote range," adds Brian Norton. "This addressed the widespread nature of NTPC's network while helping to ensure the highest level of spray application skills were utilised every time."

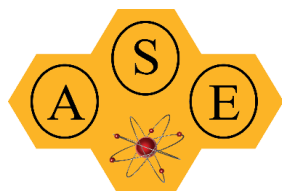
The receipt of a specific notification from NTPC highlighting successful performance of the products is seen by Indestructible Paint as significant. "It is always gratifying when a customer feels our involvement to have been especially helpful and for this notification to have been received in the context of such a major and extensive project is very welcome," concludes Brian Norton. . . ends

Issued on behalf of –

Indestructible Paint Ltd.
Contact : John Bourke
Tel : 0121 702 2485
Email : johnb@indestructible.co.uk
Website : www.indestructible.co.uk

Further press enquiries, contact –

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Vacancy – Technical and Quality Manager

Aluminium Surface Engineering has an exciting opportunity to join our management team. We are based in Coventry.

You are likely to be a trained electroplating chemist with a hands-on approach to problem solving in an industrial environment. Ideally, you will have experience in anodising or the surface finishing sector; but this is not essential.

Your proven experience in laboratory work, quality and environmental management systems (ISO9000, ISO14001), working to customer and international standards, will be combined with proven customer care and communications skills.

You must be able to work independently, as well as part of a team, including staff, managers, and customers. You will be comfortable managing change and implementing processes, including training of staff, creation and maintenance of documents, and representing the company in technical expertise.

You must work to a high standard of accuracy, numeracy and record keeping.

Professional qualifications, such as IMF, would be advantageous. We will offer appropriate training and development to the successful candidate.

Please apply for a job description before making any formal application, via accounts@ase4anodising.co.uk

Applications must be received by Friday 30th October 2020

https://www.indeedjobs.com/aluminium-surface-engineering/?hl=en_GB?cpref=JXWAtnzf3XWjLOi4YeVNLqF8RN6a-VzuBli9grOiuhw

UPCOMING EXHIBITIONS

SURFACE WORLD LIVE

Date 2021 to be announced

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Revised dates: 12th and 13th May 2021, NEC, Birmingham

NEW DATES

MACH

25-28 January

NEC Birmingham UK

2021

machexhibition.com



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EXHIBITION 8-9 June
INDUSTRY INSIGHT
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2021

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ADVANCED ENGINEERING 2021



PAINT YOUR BOAT



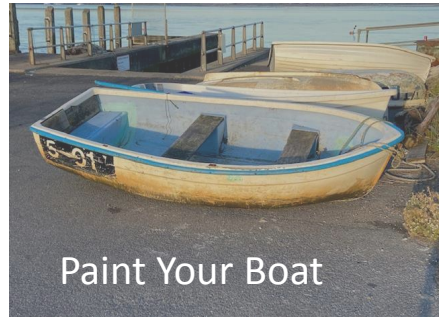
Upcoming Southern Branch Seminar Via ZOOM.

Event Date:

Wednesday 7th October

Event Time: 19.15

The Southern Branch of the IMF are holding a seminar (via Zoom) entitled “Paint Your Boat” The seminar will look at the use of paints in the marine environment and will be presented by:



- i. Judith Fergus from Brookes Bell talking about Anti-fouling Paints and Analysis
- ii. Heather Hughes from LR’s Marine & Offshore talking about General Marine Paints

The seminar will last about 60 – 70 minutes which will include time for Q&A’s.

If you would like to join this event, then please contact:

John Burgess at JohnB_IMF@btinternet.com who will send you the joining details about 15 minutes before the event starts.

We are hoping that this will be an interesting and eventful evening and look forward to seeing you.