

Welcome folks!



Welcome to the second issue of Aro PR and Marketing's newsletter. Our aim is to send out a regular newsletter to keep you updated on client news and developments, as well as the latest happenings at Aro.

We've just got back from exhibiting at JEC World - the composites show and conference in Paris. It was great to meet up with clients and be part of the UK pavilion.

We have also joined WEAFA and attended its annual conference - a very interesting event.

As always, our clients are continuing to push the boundaries of engineering. You'll find their stories in this newsletter if you haven't read about them already in the plethora of magazines, websites, social media and newsletters.

If you'd like to find out more about Aro's services, or about the stories in this newsletter, we'd love to hear from you.

Billy McKenna
Director

Epigem's path is clear for US patent on composite electrode

Epigem, a high-tech British micro-engineering company, has received a notice of allowance by the U.S. Patent and Trademark Office for its composite electrode.

Epigem's innovative composite electrode can be designed to allow 95 per cent of light through, with a conductivity at least 10 times higher than that of indium tin oxide (ITO) coated film.

It improves conductivity owing to its innovative co-continuous layer of metal wires, too thin to see, which are perfectly embedded into a polymer insulator to nanometer precision.



Tim Ryan, Managing Director of Epigem, said: "We are very excited to be in a position where a US patent for our composite electrode is now a formality. It's a hybrid solution that provides higher conductivity for a given transparency, compared to more traditional methods." [More...](#)



Tim Ryan, Epigem's Managing Director

TEC's one-stop-shop for changes in aerospace standards

TEC Transnational has launched a one-stop-shop to help aerospace companies prepare for the AS9100:2016 revised aerospace standard which is due to go live in April 2016.

The advent of AS9100:2016 means suppliers will need to update their quality management system (QMS) in order to comply with the new standards.

TEC's 'one-stop-shop' training covers the requirements to satisfy the forthcoming AS9100

changes. Suppliers can pick and mix which courses they need to go on in order to meet their customers' requirements.

David Pitts, TEC manager, said: "It is vitally important that suppliers are trained and certified in the new requirements. Being certified could open doors for more business. Equally not being certified could mean losing contracts, so getting up to speed is a must." [More...](#)

Clients

Below are some of the companies we are working/ have worked with.



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Make every measurement count!

Whether it's measuring gap, flush or radius metrology – or measurement science – is a key element of the assembly process for aircraft manufacturers.

However, once measurements have been taken, is anything useful done with the data?

Imagine if we could use the data we collect to more dynamically influence a real time outcome on the production line, so when mistakes are made they can be corrected immediately. By doing

this, manufacturers could ensure components are the correct size and fit together accurately without compromising the quality, cost or time to complete the build.

John Kane of Bristol-based Third Dimension which manufacturers GapGun – a hand held and robotic laser measurement system – explains why using measurement data more dynamically could save both money and time. Read the full article in [Aerospace Manufacturing](#).

JRTL provides IMP Aerospace with a hot bonding controller

JR Technology (JRTL) has announced that Canadian-based IMP Aerospace, has taken delivery of additional Novatech HBC-4301A hot bonding controllers.

JRTL is Novatech's exclusive distributor for this composite repair equipment, as well as its maintenance and training provider. The equipment is supplied for use within the aviation and composites industries to provide accurate and versatile temperature control for the manufacture and repair of adhesive

bonded components.

Paul Rogger, director of JRTL, said: "IMP Aerospace is at the forefront of engineering and MRO in Canada and around the world. Since January 2011 we've been supporting IMP with maintenance repair and overhaul (MRO) of helicopters and we are really pleased to be able to provide them with this highly versatile equipment."

[More...](#)

Aro exhibit at JEC World

Aro PR and Marketing have recently returned from exhibiting at the JEC World Composites Show in Paris.

Aro joined other UK based companies on the UKTI, Composites UK and NCC organised UK pavilion. With more than 100 countries represented, JEC World has become the largest international show of the composite industry.

Billy McKenna, said: "JEC was a fantastic event. It was great to be part of the UK pavillion and meet so many innovative composites companies."



Team Aro: Rachel Price, Account Manager and Billy McKenna, Director at JEC's UK pavilion.