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A MESSAGE FROM THE MANAGING DIRECTOR...

A great start to 2015 was an extension of a new 2 1/2 year contract with one of our largest customers ExxonMobil; indeed the notification was mailed late afternoon on New Years Eve, adding a little extra sparkle to the champagne. The contract covers the supply of all gaskets as well as studbolts & fasteners to all UK sites. During our first quarter this year further significant contracts have been signed with Pharmaceutical OEM's and an Aerospace Company supplying gaskets, rubber mouldings and inflatable seals.



Our new cleanroom rubber moulding manufacturing suite is nearing completion and will be ready for production by the end of April. This is a new and exciting project that will enable SEP to develop even further within specialised markets in Defence and Aerospace Industries.

Formula 1 racing is a fascinating new market for us and has really taken off this quarter, effectively within the new car build season; we now have a number of key moulded parts on the current cars with one of the top teams. We obviously wish them well this year.

I hope you enjoy the rest of our news

Best regards as always

ANDY SMITH
MANAGING DIRECTOR

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WHAT HAPPENED IN THE LAST ISSUE? - 4TH QUARTER 2014



Our 4th Quarter Newsletter (Issue 2) was released on 11th December.

It began with a reflective message from Managing Director Andy Smith, discussing our progress and successes in 2014,

before outlining our plans and ambitions for the new year.

We also used the newsletter as the perfect chance to show off our new state of the art machinery and software purchases for the machine shop upgrade. Our DMG DMU50 Ecoline 5-axis CNC Mill & Aberlink Co-Ordinate Measuring Machine are now 100% fully operational, with the mill currently being inundated with work and enquiries. We are delighted with the impact it has made.

We were also able to provide a brief update of another of our latest purchases - Unit D5 - our latest manufacturing unit. We hoped to have images of the completed Unit for this release, however the renovation work is currently incomplete. We do not want to rush this!

Arguably, our biggest announcement however was the news that we once again passed our SGS/ISO Yearly Quality Audit. Our ISO 9001:2008 certification is important to us at Specialised Engineering Products as it allows us to demonstrate our strict quality measures to our customers and are therefore very proud that yet again, we were deemed to conform to the standard.

1ST ANNIVERSARY OF SEP SITE RE-LAUNCH



www.specialisedengineering.co.uk

It was just over 1 year ago, 31st January 2014, we marked the re-brand of SEP with the launch of the new website - something that has since gone on to be a big success. As we explained at the time, our old website served a purpose but with the re brand procedure, we realised the website needed taking to the next level and bringing into the 21st Century.

Here are some incredible statistics collated over the course of 2014. (New site v Old site)

- 39% increase in number of visits
- 203% increase in the total number of pages viewed
- 644% increase in hits – the total number of files requested – more information on site
- 2400% increase in updates compared to the old site! (based on average number of updates per month figure – this includes news articles, new features, up-to-date information.)

We are really pleased to say that we are delighted with the website and the impact it has had. May we hope it continues into future years!

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NEW QMS INTERNAL AUDITOR TRAINED



We are pleased to announce another SEP employee has passed an external QMS Auditor Training Course.

Mark Head successfully passed all elements of the course held recently in Eastleigh, by Training company Batalas, and is now fully trained in our ISO 9001 QMS System.

To view Mark's Certificate, please visit <http://po.st/MarkQMScert>



SEP INCREASE EMPLOYEE AWARENESS WITH NEW DIGITAL DISPLAY IN CANTEEN



Despite possessing extremely low numbers when it comes to health & safety incidents at SEP, we are always looking to be proactive when it comes to increasing Employee's safety and awareness in the workplace.

To ensure all staff remain as safe as possible, a digital display has been installed to allow us to show a variety of safety messages and notices throughout the day.

We also have the ability to display key production data to staff, such as customer complaints, on time delivery performance as well as internal non-conformance figures.

We are very hopeful that by implementing this, staff will ensure they follow the correct health and safety procedures, along with trying to maintain and possibly improve our already impressive performance figures.

Check out this short video on our Instagram feed to see a snapshot of the messages we show...

<http://po.st/CanteenTVInstaVideo>

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FOR SALE: GENUINE VITON 'A' OFFCUTS



After completing a recent job for a customer, where we were required to buy a large quantity of material, SEP have 101 offcuts of Genuine Viton 'A' rubber for sale.

The rectangles are 1.5mm thick and available in 2 sizes. The quantity and sizes for sale are:

- 17 smaller rectangles - 270mm x 300mm (approximate)
- 84 larger rectangles - 250mm x 320mm (approximate)

These 101 pieces have been stored safely and handled carefully meaning we have a great deal on offer here. Specialised Engineering Products are simply selling these due to having very little need for material this size.

For more information, please visit <http://po.st/SEPVitonForSale> or get in touch with us and we will hopefully be able to offer you a good deal on this material.

1ST QTR 2015 FEATURED VIDEOS



1ST
QUARTER
2015
FEATURED
VIDEOS

Our featured video for 1st Quarter 2015 is of our Aberlink Axiom Too CMM (Co-ordinate Measuring Machine). The video demonstrates simple measurements using the probe.



<http://po.st/SEPCMMVideo>

To see more videos, visit our YouTube channel at

www.YouTube.com/SEPRomsey



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SEP COMPLETE WATERJET & PRECISION MACHINE SHOP JOB FOR LARGE PHARMACEUTICAL COMPANY



This was an exciting job recently carried out for a large pharmaceutical company. The customer approached SEP because they knew of our Waterjet Cutting Machine capabilities and had since been made aware of our new DMG DMU50 Ecoline 5 axis machining centre.

The job began by profiling the design from a large section of stainless steel using our Waterjet machine. Once this was complete, the 'wheel' was then moved on to our Machined Components sector to be machined and eventually milled.

The first machining process was turning the wheel on the lathe, this allowed us to refine the measurements to the required tolerances and immediately improve the finish of the O.D.

Once complete, it then moved on to our 5 axis mill where the holes and inner shapes were precision machined to leave a clean, high quality machined component. Critical dimensions were then checked using our Aberlink Axiom Too CMM.



The initial profile is rough cut on the Waterjet before moving to the Machine Shop to be turned on the lathe.



The process on the lathe allows us to refine measurements to the tolerances required by the customer.



The now dimensionally correct profile moves on to our DMG DMU50 Ecoline 5 Axis CNC Mill for the final holes and finishing processes to be completed.

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MULTIPLE RUBBER MOULDED, WATERJET & MACHINED COMPONENTS PRODUCED FOR RUBBER COMPANY



This was a job SEP completed for a rubber company which involved us designing and manufacturing a mould tool, waterjet cutting and finally moulding the actual component.

The initial stage was to design the mould tool. This was achieved using our SolidWorks Professional 3D Modelling suite, before it could then be programmed using Delcam for Solidworks so that we could mill the tool using our DMG 5 axis milling centre. The main profile for the tool had already been cut using our Waterjet machine.

The tool was then moved to the mill to allow us to refine measurements and improve the overall finish of the tool - leading to cleaner, more crisp, more precise mouldings. SEP understand tooling is a costly investment which we take seriously on behalf of the customer, through design and manufacture to thoughtful storage.

Once the mould tool was complete, the rubber moulding team were able to proceed to mould the final components in our cleanroom manufacturing environment. Photos of the final moulded components are shown opposite.



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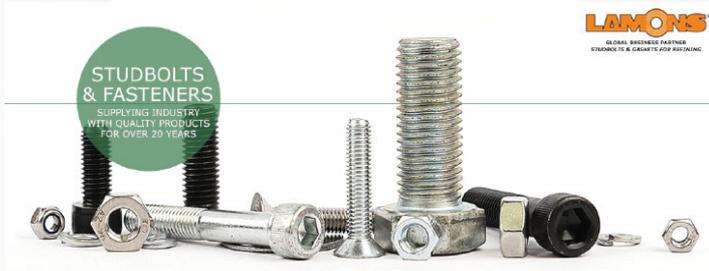
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1ST QUARTER 2015

**Issue 3
March 2015**

FEATURED SERVICE / PRODUCT STUDBOLTS & FASTENERS



With a wealth of knowledge in the fasteners and fixings industry, we offer all our clients a level of service second to none, ensuring they receive the right products, on time, fit for purpose and for minimal outlay. We have been supplying fasteners for a number of years now and can supply all threads and all types of fasteners. We can also supply or manufacture in any material, from Plastics & Polymers through to Aluminium & Titanium Alloys, but most commonly in Quality Assured Carbon Alloys, Stainless Steels, and Nickel Based Superalloys & Heat Resisting steels. If you just require regular deliveries or a more urgent service for your sites critical plant outages or shutdown events, we can provide the delivery solution to suit your needs.



Where are Studbolts Used?

Studbolts are generally used in the Petro and chemical industry for flange connections. The studbolt is a threaded rod with 2 heavy hexagon nuts, while the hex bolt has a head with one nut. Nuts and head are both six sided. Studbolt length is defined in ASME B16.5 standard. The length in inches is equal to the effective thread length measured parallel to the axis, from the first to the first thread without the chamfers (points). The first thread is defined as the intersection of the major diameter of the thread with the base of the point.

Fasteners

Since 2002, Specialised Engineering Products has been satisfying your fastener requirements. We specialise in fasteners of every size, shape and material, and can even manufacture to your specific needs. Our sales team are here to help you and offer value added services tailored to your specific fastener requirements. We invite you to experience our service with a difference today! Your business is a top priority and we take your requirements very seriously. Place your orders with us today and you will experience fast, efficient, and worry free service.



|| A majority of the fasteners and fixings we supply are also available in a variety of plating's including zinc, black oxide and nickel.

Read more about our Studbolts & Fasteners section by going to
www.specialisedengineering.co.uk/services-and-products/studbolts-and-fasteners/

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SEP IN THE COMMUNITY

Read all about SEP's community support outside of the industry

WORK EXPERIENCE PLACEMENT A SUCCESS!



As you are probably fully aware by now, SEP are committed to offering our services and support to the community wherever possible. The 1st week of March brought us the opportunity to host a work experience placement for a student from a local college.

The student joined us on the 2nd March and spent the entire week at SEP, managing to spend a little time with each person in the office covering enquiry to quotation and order processing, planning, purchasing, quality, accounts and advertising media and document control.

He however spent the majority of his time as part of the production team as a workshop operator. He was given the opportunity to spend a short period in each of our departments, shadowing operators during manufacturing periods. It's safe to say, his time here was a big success!

We hope the student left SEP not just with a broader knowledge of our industry and what we do, but also a wider view of business as a whole and what it takes to be part of a successful organisation. Our biggest hope is that key people and life skills are enhanced as we provide the opportunity for the student(s) to get to grips with working, meeting new people, meeting deadlines and working in a team - at SEP, team work is a big factor to our success. We fully believe that a relevant work placement gives young people in the community the chance to gain hands-on experience of the working world and can be invaluable to them as they plan their future.

To see what else SEP have done in the community, take a look at www.specialisedengineering.co.uk/news/sep-in-the-community/



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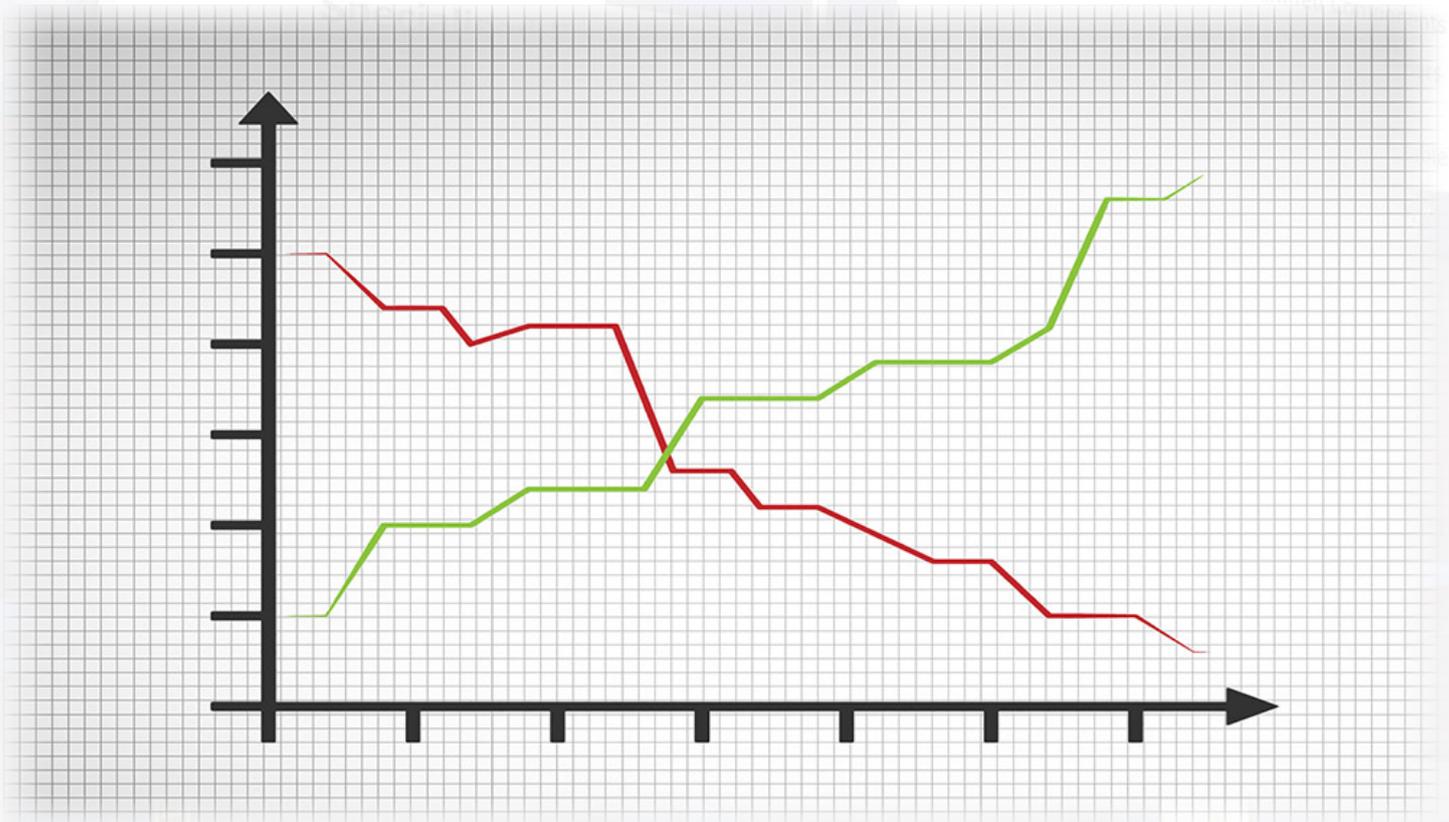
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PERFORMANCE FIGURES - 1ST QUARTER 2015

Some statistics on our performance for this quarter...

As part of our ongoing scheme to further increase SEP's profile within the industry, we will begin to release key performance figures to the public on a monthly basis. This will start with April's figures being displayed on www.specialisedengineering.co.uk at the beginning of May and will be continually updated on a monthly schedule. Over the following months, as we build up enough public data, we will begin to display quarterly figures right here on the newsletter.

Keep an eye on this section as we move forward into the future...



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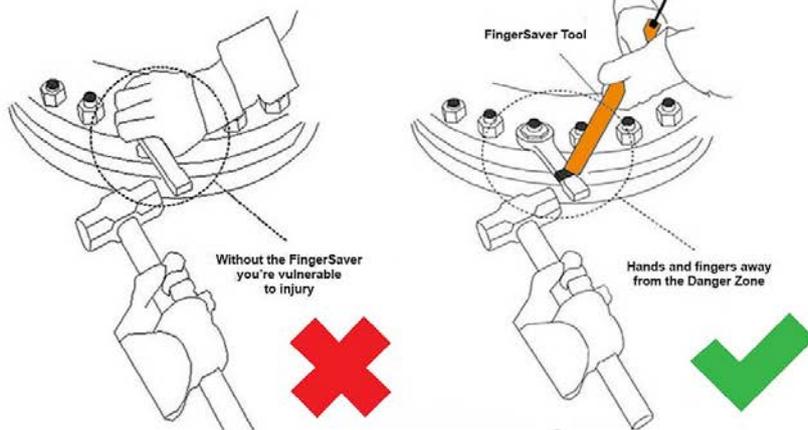
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Fingersaver

Safety For Your Fingers



Where there is potential for injury to hands and fingers you should always use the **FingerSaver**

Distributors Required Worldwide!

Interested in becoming a distributor for the FingerSaver?
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