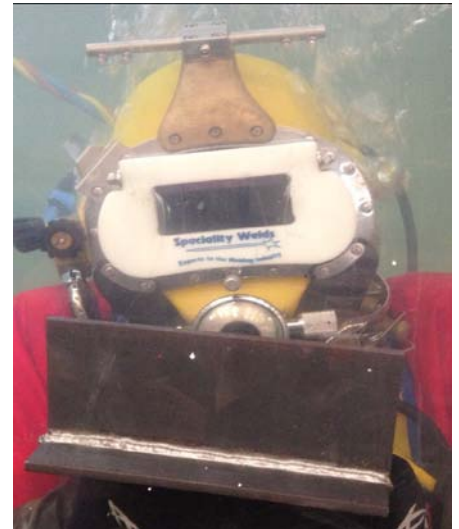


Wow, not only is it time for another newsletter, but we see another year coming to an end, with the season of good cheer almost upon us. So, allow me to take this opportunity to wish all our customers, a very Merry Christmas. Another busy year here at Speciality Welds. We've seen another big increase in demands for welder training services, which is very encouraging as not only is it good for business, it shows things are moving forward and business is getting back somewhere close to normal. In this newsletter I wanted to say a few words about an important new ISO standard, which comes into force in July next year. 'The clock is definitely ticking' for companies involved in structural steelwork. The Construction Products Regulations (CPR) were adopted in the UK in March 2011 to enforce the European Construction Products Directive. The aim of the directive is to harmonise the safety performance of construction products across the EU and they apply to anything placed on the market, whether imported or manufactured in the EU. As of July 1st 2014 any "series" manufactured structural metal components or kits that have been made in the UK or imported, and to which a harmonised European standard applies, must comply with the CPR & CE marking requirements. The harmonised European standard that applies to structural metalwork is BS EN 1090-1:2009 and it will be a criminal offence to supply structural metalwork after the 1st of July 2014 unless it conforms to this standard and carries a legitimate CE mark. Any steelwork contractor is required to have a documented welding quality management system (WQMS) and

a nominated person(s) responsible for all welding activities i.e. Responsible Welding Coordinator (RWC). This should be a person(s) who is competent with the technical knowledge to control and supervise the companies welding activities and BS EN 1090-2 sets out the technical knowledge required based on the companies declared execution class. The higher the nominated class, the more stringent quality related criteria will apply. We will be pleased to assist with welding procedures and welder qualifications.

We are absolutely delighted to announce a new school **MMI, (Malaysia)** that have joined the **Weldcraft-Pro** underwater welding programme; following their successful completion of the instructor and administrator training programme. Ir. Dr. Mahadi (MD) and Mr. Nizam (BDD) also attended the programme to oversee their progress as well as participate in the administrator training. The school's three welding instructors; William, Ashar & A'Kill did the 5 day course, which is designed to introduce instructors to all learning materials, audit rules



and procedures, as well as dealing with the exercises for both wet & dry welding. The Weldcraft-Pro welding programme is the only independently accredited and audited welding course available to commercial divers that follows the EWF/IIW fillet welder in plate syllabus, with certification issued through **EAL** and **ISO 15618-1**. The course is also approved by **IMarEST** the world's oldest and largest marine learned society. Although the Weldcraft-Pro only covers fillet welds, we do have a full set of butt welding exercises available for any schools that wish to include extra dry welding training in their

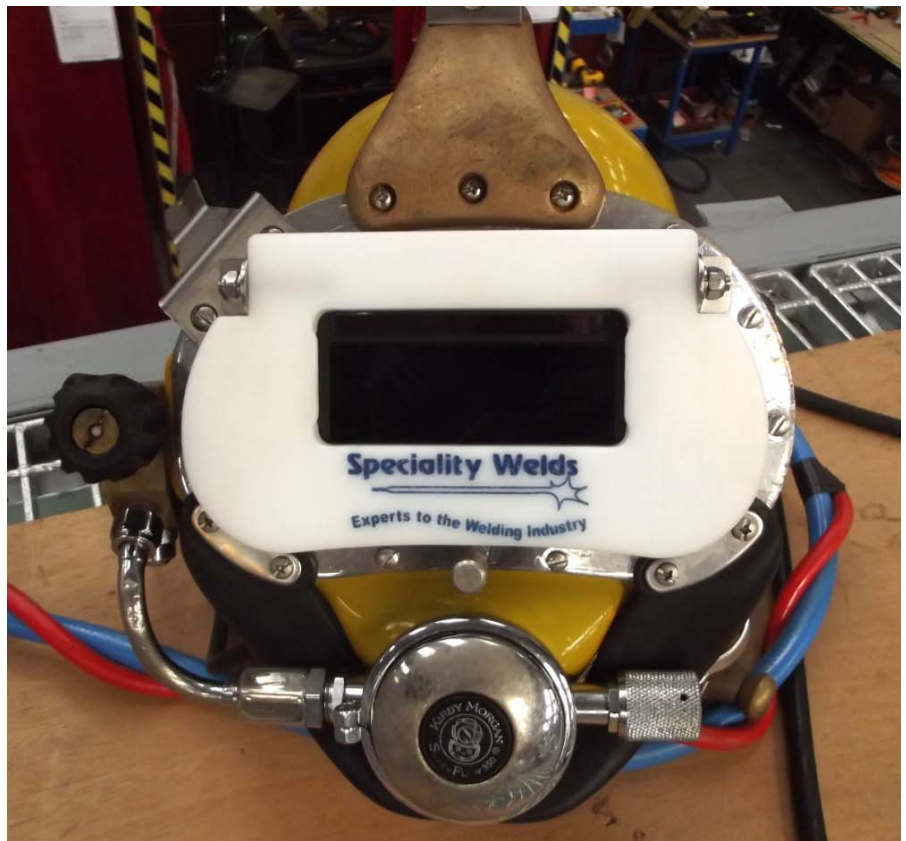


programme. It's also been a busy time at some of our other schools; Antwerp, Athens, Dunoon and Gothenburg.

Very shortly we hope to welcome **Oceanos**, based in Barcelona, to undertake their instructor training course and also hope to welcome



**Norsk Yrkesdykkersole** in Norway, to complete their training ASAP.



We look forward to working with you. Any other diving schools, outside the UK, that would like to be considered to run the programme, should in the first instance, email us on [sales@specialwelds.com](mailto:sales@specialwelds.com) but pls remember; we will only appoint one school per country!

Following a mention in our last newsletter regarding our new underwater welding **flip-up assembly**. We are now pleased to advise all customers this is now in stock and available for sale without delay. The assembly is made from a tough, hardwearing lightweight POM-C plastic (Polyoxymethylene) material. The assembly fits all KM band masks and helmets and allows for easy use (even with gloves) to flip-up with just your thumb. A very clever press fit system allows for quick and easy fitting of the welding filter/lens, yet will hold it in place quite securely with no danger of it coming out. It's light and strong and is designed to

be used with our auto-darkening filters (allows the two UV sensors at the ends of the solar panel to trigger properly, unlike other assemblies on the market, but the best news is the price; RRP is just **£99.00**).

**Alexander-Dennis**, a company based in Falkirk, Scotland recently requests our assistance with welder qualifications for their steel and aluminium welding requirements. We are often asked to solve welding problems for aluminium alloys, particularly when using the MIG welding process and even more so when companies also manufacture steel fabrications in the same workshop. The problems are nearly always the same; moisture and/or cleanliness. When welding aluminium alloys it's absolutely essential to prevent moisture from entering the weld. This usually means all materials and consumables have to be clean and dry. We are pleased to have helped this customer.



# "FUSION LINE"

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**TIP Trailer Services** sends us welder number four for TIG training and testing on stainless 2" pipe. Well done on passing, another happy customer gets what they need. **Bradford University** send their instructors for welding gas safety training. We offer practical training in equipment set-up and inspection of oxy-fuel welding equipment.

We recently had a request from



**Custom Fittings** to produce a Standard Operating Procedure (SOP) for their semi-automatic TIG welding operations, with qualifications being issued to BSEN ISO 14732. Congrats to Simon on a job well-done. We would also like to thank the following companies for entrusting us to look after their welding procedure approvals and welder qualifications; **Calvert Site Services, Power Therm, Alchemy Plant, Next Gen, Wilson Electric, Northern Combustion, Oakwood Fuels, Leengate, Lambert Engineering, GJF Fabrications, Flexitallic, CE Bennett's, SS Fabtech, Oil-Gear Towler, Ale Piling, BETA Cleaning, British Solar Renewables, Planet Platforms, BA Systems, Constant Systems, Challenger Hydraulics, Easi-Lift, Energas, Western Wind Power (NextGen), JBC Industrial Services**, not to mention many private individual welders who have attended for training and certification. Remember, we are

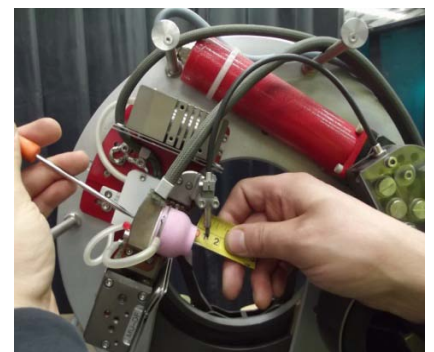


the only accredited school in the country with an in-house **Zurich** approved welding surveyor. We offer a wide range of training and certification services to the welding industry; including MMA (both rutile and basic electrodes) TIG, MIG/MAG, FCAW, oxyacetylene welding and cutting and brazing; including safe operating procedures.

We would particularly like to welcome our new Australian distributor; **Gentronics Pty Ltd**, based in Welshpool, Perth, WA. Any customers from this part of the World should contact Mr. Paul Greenwell on +61 8 92005874. You can purchase the full range of underwater welding products from Paul. Other distributors around the world where our products are available include; **BPN - Poland, Terrosystem - Sweden, Marex - Greece, Advanced Marine - Singapore, Arwell - Finland, Pommecc, Dutch Diving, Divewise and ICH Hytech - Netherlands, MMI - Malaysia, Kilf - Iceland, United Stirling - Hong Kong, Jack Vilas Associates - USA**. We would like to say a big thank you to Willy Rowan (RCH) who was our distributor in France for many years. We wish him well and hope

he has a long and happy retirement.

Are you nuclear ready? **NG Bailey** the UK's leading independent engineering company, specialising in major mechanical and electrical engineering projects is. A recent visit to their workshop saw David, our lead welding surveyor, attend to witness welding operator qualification testing, to the new BSEN ISO 14732: 2013 standard for use on their new Polysoude orbital TIG welding system. This equipment which costs in excess of 100k welds a wide range of butt welds in pipe, to extremely high defect free standards. The 'operator' qualifications differ from 'welder' qualifications inasmuch as the operator's actual welding skills is not tested. It's his knowledge and understanding of the standard operating procedures (SOP) and their general knowledge on a



*Any contributory articles outlined in this newsletter are not necessarily endorsed by the publisher and thus, Speciality Welds accepts no responsibility for the accuracy of any articles submitted E & OE.*

number of welding related questions that is tested. Of course the weldment has to be examined to ensure it meets the required quality, which of course, it did.

For those of you that have to prepare high quality bevells on either plate or pipe, then the **Chamfo** range of bevellers is the tool for you. These bevellers offer a low cost, yet precise method of beveling plate and/or pipe for weld preparation. We offer three models. The largest beveller, which is still a hand held tool, allows for putting a 35° weld bevel on steel, stainless and aluminium materials of over 30mm wall thickness. We carry the full range in stock and to earn more about these unique products, please visit our website for more details.



Before we say good bye to you all for another year, we would like to introduce you to our new member of staff Mr. Leo McCormack. Leo, who joined us back in July, is the companies' new welding instructor and is tasked with hands-on training of welders, covering MIG/MAG, FCAW, TIG, MMA, Brazing and oxy-fuel welding. Leo has settled in very well and has already shown his metal (no pun intended), as well as his willingness to read a great many welding standards, which is getting to be a full time job these days with the harmonisation process for a great many welding standards. We did warn him its life in the fast lane here, with candidates arriving daily



for training and testing you have to be on the ball. All credit to him he's stuck with it and has proved a real asset. Incidentally, talking about welding standards; we now have the new **BSEN ISO 9606-1: 2013** Qualification testing of welders – fusion welding. This has replaced **BSEN 287-1**. Although, in the UK, we don't adopt this until 1<sup>st</sup> January 2014.

Pls note our **Christmas holiday shut-down period**. Last day of business will be Friday 20<sup>th</sup> December until 6<sup>th</sup> January 2014. Please make a note in your diary, as both production, warehouse and the office will be closed. **We would like to thank all our customers for their continued support and offer our thanks to the following for business in the last quarter of this year; Jersey Gas, FEM, Rowlee Zambia, Maagan Marine Israel, PW Adamson, Terosystems, Sheawater Marine, Svenska Elektrod AB, Titan Marine, North West Marine, ICH Hytech, Advanced Marine, Dutch Diving, Subsea Services Philippines, The Underwater Centre, Marex, Divewise, Angus Heron, Marine Specialists, TPSMI Congo, ABR, Chambers Oceananics, Burgess & Co, BNP Poland, SubTech Systems.** Happy welding and Merry Christmas to one and all.

