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CHTA Secretariat

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CHTA Secretary and *Hotline* Editor:
 Alan J. Hick B.Sc., C. Eng., FIMMM

The Contract Heat Treatment Association is not responsible for the statements made or opinions expressed by contributors to *Hotline*.



CHTA is affiliated to the Surface Engineering Association

The burden of non-disclosure agreements

A word from CHTA's Vice-Chairman

Simon Blantern requests member views on a proposed CHTA initiative.

Over the last few years, the number of non-disclosure agreements (NDAs), requested by our customers and potential new customers, has increased considerably. New NDAs for signature are now often received on a daily basis before drawings, specifications and other information can be released.

Whilst this NDA culture is not just confined to heat treatment and is widespread across the UK, it does put another significant burden on our industry. If you do not have internal resource available, addressing this issue can be very time consuming and expensive, especially when you need to seek legal advice.

As CHTA Vice-Chairman, I believe that, in some cases, our members may not be taking NDAs very seriously and may just be signing into these documents without a lot of thought. This is a risky practice as the terms of the NDAs can be quite onerous and could include matters which you may not expect.

The majority of the NDAs received are not reciprocal. They are usually just one-way and favour the customer 100%, so no information provided by the heat treater is protected. Information received is often required to be retained for five or more years and may need to be stored in particular secure conditions and returned after such period.

More alarmingly, over the last twelve

months, there has been a significant increase in the number of NDAs which include reference to the agreement of terms and conditions of business which, in many instances, are not appropriate. For example, you may find a full set of terms referred to as agreed which include unreasonable positions in respect of your liability, or the NDA may contain specific provisions which provide the customer with the ownership of any developed intellectual property.

I personally believe it is only a question of time before someone in our Association unwittingly falls foul of an NDA and ends up with a claim.

Standard NDAs?

On the basis of the above, I would like to ask members whether they believe they would benefit from standard NDA documents being available in the members area of CHTA's website (similar to the standard terms and conditions of business there), one being reciprocal, the other being weighted in the favour of the service provider. Your comments (to CHTA's Secretary) would be gratefully received*.

**CHTA's Secretary notes that, should sufficient member support be forthcoming, CHTA proposes to involve its solicitor in standard NDA compilation. Sight of existing member NDAs would aid the exercise and their submission to mail@chta.co.uk, along with the requested comments, is invited.*



Guido Plicht
 Industry Manager,
 Metals Processing

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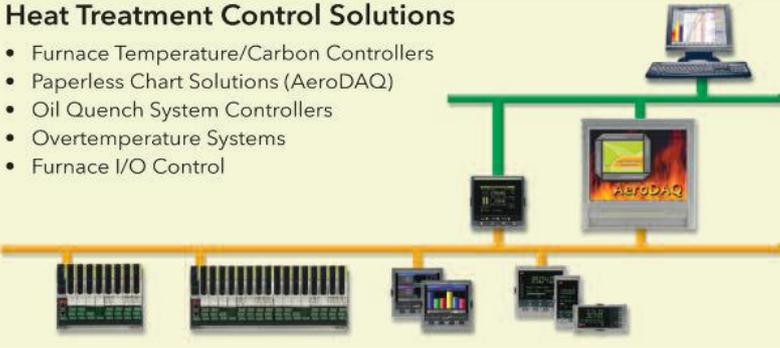


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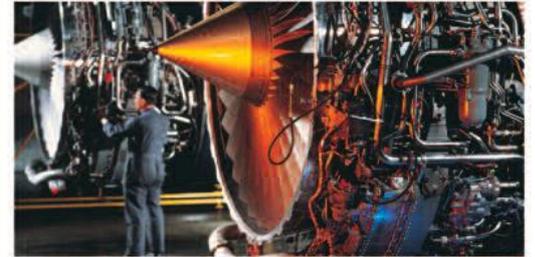
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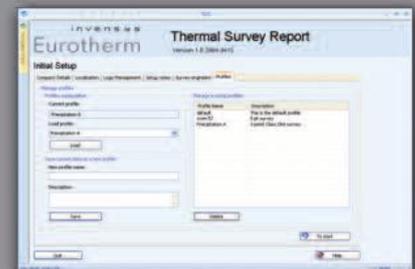


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“Where is the next generation of technicians and metallurgists coming from?”

That was the question addressed by CHTA Chairman Chris Kenward with proposals, outlined in *Hotline 126*, for day-release courses leading to professional qualifications. Noting that initial focus has been on technician training, here he reports progress.

Metallurgical Technicians Certificate: an update

Technician course

When the need for a training course with a national qualification to produce the technicians of the future was identified last year, the time required to make this a reality was not recognised as a significant factor.

It has taken several months of planning, preparation and negotiation, but we are now close to finalising the last few details, with the target of presenting the first course before mid-2013.

CHTA's partners are AMRC/NAMTEC (Advanced Manufacturing Research Centre / National Metals Technology Centre), who

will administer and present the course, and the awarding body is EAL (EMTA Awards Ltd.), who are part of SEMTA (Sector Skills Council for Science, Engineering and Manufacturing Technologies).

The intention is to present the course in three geographical locations to cover the principle manufacturing areas of the country (North, Midlands and South), with the exact venues still to be decided. The course will not start simultaneously in all three locations, but will be rolled out in quick succession. Not restricted to CHTA members, it will be open to candidates from companies nationwide to ensure

its ongoing viability and to give the maximum benefit to British manufacturing industries.

While final details are yet to be confirmed, the basis of the course will be several days of lectures, spread over twelve months, with additional study, research and project work being carried out in the candidate's own time. At the completion of the course, there will be a final examination.

A candidate who completes the course successfully will be awarded "The Metallurgical Technicians Certificate" which is QCF (previously NVQ) Level 3.

We hope to be able to publish the final details in the New Year. Meanwhile, I would ask all CHTA members to give this course serious consideration as a potential benefit to their companies. It would also be most helpful to be alerted of any non-CHTA companies that may have potential candidates so that we can maximise the marketing of the course.

Metallurgist course

Detailed planning of the follow-on course is on the agenda in the New Year. The objective, in this case, is to provide our members and British industry with suitably-qualified "Manufacturing Metallurgists" with a detailed knowledge of the major processes such as heat treatment, forging, casting, etc.

Best wishes

Finally, may I take this opportunity to say that I have greatly enjoyed my time as Chairman of CHTA and to give all my best wishes to my successor, Simon Blantern of Bodycote, who will be taking over the reins in February 2013.

Meantime, Season's Greetings; have a very prosperous New Year.

Another successful *Understanding Heat Treatment*

An excellent October turnout of thirty-one delegates attested to the enduring value of Wolfson Heat Treatment Centre's well-established three-day *Understanding Heat Treatment* course.

Well over 1800 have now attended the 77 such courses staged since the series was inaugurated, 35 years ago, to convey a general appreciation of the metallurgical/technological background to industrial heat treatment processing.

As ever, there was strong support for the Birmingham-based course from CHTA members, who this time provided a third of the delegates (seen in our photograph).

Congratulations on this latest success to Wolfson's Derek Close, who not only organises and co-ordinates the course but has a major input as the main lecturer. He



Delegates from CHTA member companies at the 9-11 October *Understanding Heat Treatment* course. Back row (l. to r.): Tony Tomlinson (ADI Treatments), Dan Metcalf (Thermal Hire), John Southall (ADI Treatments), Sebastian Lichon (Keighley Laboratories), Jonathan Heywood and Paul Zdybal (both Wallwork Heat Treatment), Front row: Graham McKenzie (Thermal Hire), Jonathan Samuels (TTI Group), course lecturer Alan J Hick (Contract Heat Treatment Association), Stanley Opoku and Chris Newberry (both TTI Group).

tells *Hotline* that the next *Understanding Heat Treatment* event is scheduled for

15-17 October 2013. For full details, e-mail Derek at derek.close@sea.org.uk.



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Bodycote Heat Treatments, Stillington

The original building at Bodycote's Stillington site can be traced back to the early 1940s when it housed a company called Stillite, a manufacturer of slag wool for insulation used in petrochemical plants, power stations, ships and factories. Indeed, the Royal Festival Hall used Stillite products for its insulation and the company remained in production until about 1960.

Around this time, Darchem Engineering had bought Expert Heat Treatments and sought to relocate their new acquisition from Newton Aycliffe to Stillington. Securing Stillite's now disused building, the site was expanded over the following years to house three gas-fired furnaces, and associated water- and oil-quench capability, to service both local and wider UK markets. Vacuum furnaces were installed subsequently to process work from the then parent company and for other companies in the area.

Salt baths were also commissioned to support the local toolmakers and, in 1982, *Tufftride* liquid salt-bath nitrocarburising was introduced. The business grew steadily over the years, servicing the oil and gas industry and processing engine valves for the automotive sector. As the volumes of valves increased rapidly, a decision was made to establish a fully-

automated *Tufftride* line in a separate building on the site. Installed in 1998, this line, at its peak, handled 20million engine valves per year, making Expert Heat Treatments the largest salt-bath heat treatment company in Europe at that time.



The former nitrocarburising line.

In 2005, Darchem Engineering sold Expert Heat Treatments to Bodycote and it became the company's most northerly facility in the UK.

In 2006, given the decline in the UK automotive valve market, and coupled with the introduction of more stringent environmental legislation, Bodycote decided that a shift in strategy was needed for Stillington to survive. The decision was made to close the *Tufftride* valve unit and change the direction of the processes offered at the facility.

Since this change in strategy, significant investment has been made at Stillington in support of its local, UK-wide and international client base. This has seen the removal of salt baths and the introduction of environmentally-friendly fluidised beds, along with new vacuum capacity and additional pit furnaces to support the UK aerospace industry.

This investment was complemented in 2012 by the installation of two new large air furnaces. The largest, 10m in length with a 25-tonne weight capacity, will be fully commissioned by the end of the year to meet growing customer demands from general industrial, oil, gas and aerospace markets.

Possibly the largest available in the UK accredited to Nadcap standards, these furnaces will enable Bodycote to better serve demands from aerospace customers, such as Airbus, Rolls-Royce and BAE. The site also carries AS 9100 and a number of other prestigious company approvals.

This latest Bodycote investment at the Stillington site totals over £500,000 in support of UK manufacturing, with the overall investment since the change in strategy being close to £1million.



The new 10m-long furnace at Bodycote Stillington: 25-tonne capacity and an operating temperature range of 300-1250°C.



Stillington's other new furnace: 7.5m long with 15-tonne capacity.

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CHTA is delighted to announce that Air Products plc will again be kindly sponsoring both the Association's website and *Hotline* in 2013.

Their much-valued support now extends to an unbroken period of fourteen years.

Member news

EXPANSION OF TTI PVD COATING FACILITY

Bringing the total to four available units, a new larger PVD coating machine has recently been added to TTI's existing facility at its Birmingham site. Not only will this provide some much needed additional capacity, it will also allow TTI to offer a range of brand-new PVD coatings to the UK market.

Traditionally applied to tooling, PVD coatings are now increasingly used in many other non-tooling applications where wear resistance, low friction or anti-galling is required. Coatings are often applied on top of a polished, hardened or nitrided surface to enhance surface properties. TTI also have in-house facilities to carry out the hardening or nitriding necessary to optimise surface performance, as well as expertise in polishing.



TTI is expanding its Birmingham PVD facility.

TS 16949 FOR HEAT TREATMENTS (NORTHAMPTON)

Heat Treatments (Northampton) Ltd has continued to invest to ensure on-going excellence to its customers. With quality and attention to detail being two key areas that have been targeted for improvement, the company can now boast that it has become a member of a small group within the UK that holds TS 16949 accreditation. TS 16949, the only quality management standard universally recognised by the automotive industry, is based on customer focus, continual improvement and fulfilment of customer-specific requirements. These goals are also achieved through the implementation of self-assessments, internal audits to AIAG CQI-9, and the company's recent introduction of a market-specific software management system (*Visual Shop*).



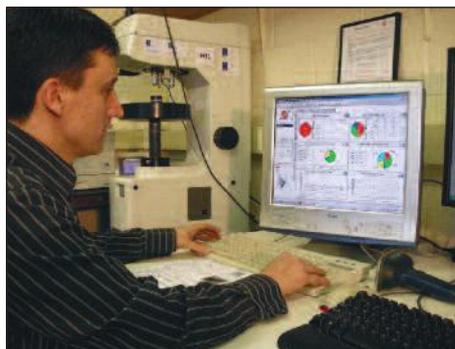
The Quicksilver craft with its driver, Nigel MacKnight, displayed at The NEC, Birmingham. © QWSR Ltd

ALLOY HEAT TREATMENT TEAM UP WITH QUICKSILVER

Dudley-based Alloy Heat Treatment (AHT) is collaborating in the Quicksilver World Water Speed Record Challenge team's bid to regain the prestigious title for Britain.

The Quicksilver team is developing a complex sheet-aluminium fabricated structure called the trunnion hoop, a key element of the upper hull of their state-of-the-art boat designed to be capable of speeds of over 350mph. AHT will apply heat-treatment processes to make the component as strong as possible, giving the UK a better chance of bringing home the record.

Nigel MacKnight, founder of the Quicksilver project said: "The trunnion hoop is a major load-bearing element made of 6082-T6 alloy of three different skin thicknesses. Post-fabrication heat treatment of this component will increase its strength considerably, with no attendant weight penalty. An important target for Quicksilver, with AHT's help, is to achieve a high power-to-weight ratio for the boat through as many phases of the construction process as possible."



Heat Treatments (Northampton) Ltd's recent accreditation to TS 16949 has been aided by its Visual Shop software management system (see Hotline 127).

Quicksilver's aim is to win back the water-speed title some 45 years after Australia took it from the UK. Applying the same principles as the Bloodhound SSC land-speed record attempt, the project has united a team of highly-skilled volunteers. Both iconic projects are showcasing some of the UK's finest manufacturing talent.

Ian Perks, AHT's sales manager said: "We feel confident that we can apply our expertise in giving this prestigious project the best possible chance of victory. Alloy Heat Treatment are delighted to sponsor the Quicksilver project. We wish all the team well in their efforts to bring the record back to the UK shores and are proud to be showcasing the best of British manufacturing."

NEW CHTA MEMBER

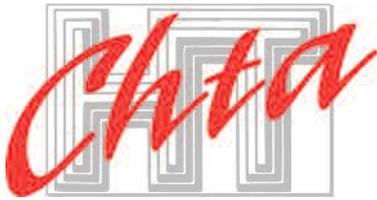
CHTA is delighted to welcome the return of **Zotic Ltd** as a member. Contact details of the TS 16949-accredited company are:

Zotic Ltd
26-30 Highgate Square, Highgate
Birmingham, West Midlands B12 0DU
Tel: 0121 440 3130 Fax: 0121 440 6646
E-mail: enquiries@zotic.co.uk
Website: www.zotic.co.uk

CHTA MEMBERSHIP FEES

In line with inflation, the annual CHTA membership fee for a single-site company is raised to £585+VAT for 2013. For multi-site companies, the additional fee will be £148+VAT per extra division. Subscriptions were last increased in 2008.

The 2013 fees will shortly be invoiced on behalf of CHTA by SEA/BATF.



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MEMBER DIRECTORY 2013

For full details of member services, go to www.chta.co.uk...

The screenshot shows the homepage of the Contract Heat Treatment Association (CHTA) website. At the top, there is a navigation bar with the CHTA logo, a search bar, and a 'MEMBERS AREA' link. Below this is a secondary navigation menu with links for Home, Membership, Find a Heat Treater, A-Z of Members, Approvals, Datasheets, Newsletter, Links, and Contact Us. The main content area is divided into several sections:

- Thinking of Using a Contract Heat Treater?**: A section encouraging members to use CHTA members for heat treatment services.
- Specifying Heat Treatment**: A section offering downloadable datasheets for heat treatment specification.
- Find a Heat Treater**: A section for searching the CHTA database by location, processes, and materials.
- Ask the Members**: A section for asking questions about heat treatment capacity.
- Download our Hotline newsletter**: A section for downloading the latest newsletter.
- Article Archive**: A section listing various articles, including 'Outsourcing heat treatment' and '2500 years of metallurgical experience'.
- Contract Heat Treatment – the preferred option**: A central section highlighting the benefits of outsourcing heat treatment, such as reducing capital costs, releasing workspace, and accessing expertise.
- Nationwide Capacity**: A section featuring a map of the UK with red dots indicating member locations and a 'Find a CHTA Member' button.
- Register for a regular copy of our printed newsletter...**: A section for registering for the 'HOTLINE' newsletter.

At the bottom of the page, there is a footer with the text 'CHTA is sponsored by' followed by logos for AIR PRODUCTS and SE4. The footer also includes the copyright notice '© 2009 Contract Heat Treatment Association All rights reserved' and the LiquidWeb logo.

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For full details of services offered, go to "A-Z of Members" on CHTA's website at www.chta.co.uk.

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Website: www.heattreatmentsolutions.co.uk

HEAT TREATMENTS (NORTHAMPTON) LTD

Sheaf Close, Lodge Farm Industrial Estate,
Northampton, Northamptonshire NN5 7UL
Tel: 01604 586920 Fax: 01604 759286
E-mail: sales@heat-treatments.co.uk
Website: www.heat-treatments.co.uk

HOLT BROTHERS (HALIFAX) LTD

Hope Street, Halifax,
West Yorkshire HX1 5BT
Tel: 01422 360341 Fax: 01422 355039
E-mail: mail@holt-bros-co.uk
Website: www.holtbros-heat-treatment.co.uk

MEMBER DIRECTORY 2013



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E-mail: bill.grimshaw@howcogroup.com
Website: www.howcogroup.com

INDUCTION HEAT TREATMENT SERVICES LTD

Dunrobin Road, Airdrie,
North Lanarkshire ML6 8LS, Scotland
Tel: 01236 763388 Fax: 01236 765259
E-mail: info@inductionheattreatmentservices.co.uk
Website: www.inductionheattreatmentservices.co.uk

JJ CASTINGS INVESTMENTS (HEAT TREATMENT) LTD

Caerphilly Business Park, Van Road,
Caerphilly, South Wales CF83 3EL
Tel: 01535 664211 Fax: 01535 608788
E-mail: enquiries@jjcastings.com
Website: www.jjcastings.com

KEIGHLEY LABORATORIES LTD

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Website: www.keighleylabs.co.uk

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E-mail: kemwell@btconnect.com
Website: www.kemwellthermal.com

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E-mail: a.mccracken@kepston.co.uk
Website: www.kepston.co.uk

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Website: www.mteltd.co.uk

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E-mail: gf@metaltch.co.uk
Website: www.metaltch.co.uk

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Suffolk NR32 1UL
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E-mail: sales@milton-heat.co.uk
Website: www.milton-heat.co.uk

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E-mail: nitriding@ttigroup.co.uk
Website: www.nitriding.co.uk

NITROTEC SERVICES

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Units 2-8, Witton Park Industrial Estate,
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Tel: 0121 322 2280 Fax: 0121 322 223
E-mail: nitrotec@ttigroup.co.uk
Website: www.nitrotec.co.uk

QUALITY HEAT TREATMENTS LTD

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Rotherham, South Yorkshire S65 1ST
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E-mail: j.mcconaghy@qhtltd.com
Website: www.qhtltd.com

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Website: www.specialsteelgroup.com

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E-mail: kevin.bolton@stork.com
Website: www.storkcooperheat.com

SUMMITGLOW LTD

45 Harleston Street, Sheffield,
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Website: www.summitglow.co.uk

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Website: www.ttigroup.co.uk

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Website: www.ttigroup.co.uk

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E-mail: Cheltenham@ttigroup.co.uk
Website: www.ttigroup.co.uk

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Website: www.ttigroup.co.uk

TTI GROUP LTD

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Bedfordshire LU1 1UU
Tel: 01582 486644 Fax: 01582 481148
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Website: www.ttigroup.co.uk

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Website: www.wallworkht.com

WALLWORK HEAT TREATMENT (BIRMINGHAM) LTD

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Tel: 0121 628 2552 Fax: 0121 628 1555
E-mail: sales@wallworkht.com
Website: www.wallworkht.com

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For the best in subcontract heat
treatment services, go to...

www.chta.co.uk

Selecting a heat treater at www.chta.co.uk

The foregoing pages update the listing of CHTA members previously found in the 10th edition of CHTA's Buyers Guide to Contract Heat Treatment, published in 2006. It also supplements the more detailed information that can be found at www.chta.co.uk, the website that aids identification of those able to meet specific heat treatment requirements.

Find a Heat Treater

Clicking on "Find a Heat Treater" at www.chta.co.uk takes the visitor to a constantly-updated searchable database that enables easy identification of CHTA members providing various subcontract heat treatment services in the North, Midlands and South geographical areas of the UK.

Selection, based on processes offered, materials treated and location, results in a list of names of appropriate companies; clicking on a name yields full details of the company, with direct access to its own website. Enquiries can be submitted to one or more of the chosen companies with a single click.

Processes

The "Find a Heat Treater" database covers over forty heat treatment and ancillary processes from which the visitor can select.

Where appropriate, the search can be refined in order to specify the preferred medium in which a heat treatment is

conducted, the choice being: air or products of combustion; controlled/ protective gas atmosphere; fluidised bed; pack; plasma; salt; or vacuum/low-pressure processing.

Approvals

All companies featured in the database are members of the CHTA and, as such, are pledged to maintain the highest standards of quality and service. ISO 9001 is currently the universally-accepted quality accreditation, but many members hold additional quality approvals from major organisations, which are especially relevant in particular market sectors.

National and international accreditations/certifications held by CHTA members (such as ISO 9001, ISO 14001, AS 9100, CQI-9, ISO/TS 16949 and Nadcap) are listed on the "Approvals" page of the website.

Using a Contract Heat Treater

In order to benefit fully from the services of a company featured here and in "Find a Heat Treater", the website recommends that buyers of contract heat treatment should involve the intended supplier at the earliest moment.

CHTA member companies have a wealth of experience in heat treatment which can:

- make a positive contribution in the selection of the most appropriate treatment;
- warn of possible pitfalls;
- help avoid costly mistakes.

But, as the website observes, all of this can only happen if the visitor chooses to draw upon this expertise and specialist knowledge.

Specifying Heat Treatment

Clicking on "Specifying Heat Treatment" or "Datasheets" at www.chta.co.uk accesses CHTA's series of *Datasheets for Non-heat-treaters*, guides aimed at aiding sensible specification of subcontract heat treatment processing and avoidance of common problems. Couched in layman's terms, they answer the questions: What are the treatments? What are the benefits? What materials can be treated? What are the limitations? What problems could arise? How do I specify? Where do I go?

In response to the last question, the datasheets recommend contact with appropriate CHTA member companies from those listed in this directory and at www.chta.co.uk.

Ask all the members instantly

Where a job is proving difficult to source (say, because of size or other special requirements), the "Ask the Members" page on CHTA's website allows the visitor to ask all CHTA members if they can offer appropriate specific capacity. Once submitted, such an enquiry is e-forwarded to members instantly; any able to help reply directly.

Looking for specific subcontract heat treatment capacity? ...

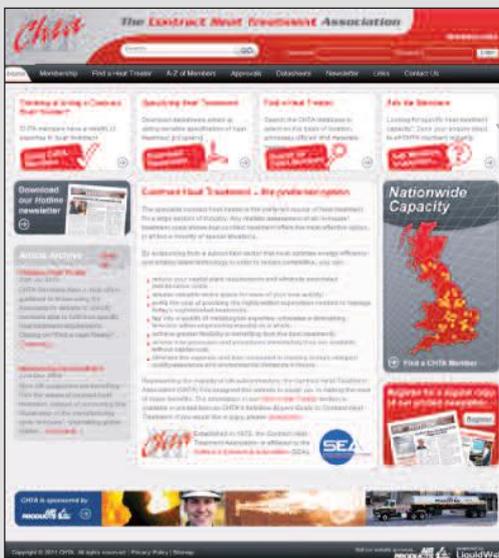
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Looking for specific heat treatment capacity? Send your enquiry direct to all CHTA members instantly

Ask Members a Question...



... post your enquiry on "Ask the Members" at www.chta.co.uk



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Metaltech Ltd

Managing Director Dr Graeme Forster describes the ever-growing capabilities of the Consett-based CHTA member.

The death knell sounding for the local steelworks in 1980 provided the stimulus for Ron Scott to form a heat treatment company. Ron (who coincidentally studied for his metallurgy degree at Aston University in the same era as Wolfson's Derek Close) was employed at British Steel Consett, principally as a research metallurgist. With the drive and ambition to retain some of the well-established metallurgical knowledge in the area, in 1981 he founded Metaltech Ltd on Delves Lane Industrial Estate, Consett. This has been the home of the company ever since.

Another metallurgist and ex-employee of British Steel's Consett and Teesside works, I was recruited by Ron to become Managing Director of Metaltech Ltd in 1989. Working together for over 20 years, we have dedicated ourselves to providing and maintaining a comprehensive heat treatment facility in the North East of England.

Growth

Metaltech started with a few electric box furnaces. Since then, the company has introduced plant and equipment continuously to upgrade and diversify the range of specialist treatments offered to both UK and international clients. With accreditation to ISO 9001:2008, AS 9100C:2009 and the recently-achieved ISO 14001:2004, today we are heavily involved in the following:

Controlled-atmosphere heat treatment facilities include a fully-integrated line, comprising numerous sealed-quench units, with associated tempering furnaces, wash facilities and shot blasting, providing volume heat treatment for the automotive industry.

Induction heat treatment was introduced in the mid-1980s with the purchase of a high-frequency motor generator set and several radio-frequency units. Continuous investment has seen this activity grow to such an extent that the current inventory contains over 25 pieces of induction equipment, including vertical and horizontal scanners, shaft and pin hardeners, along with gear and sprocket hardening facilities. Additionally we hold an extensive portfolio of innovative purpose-built ancillaries, constructed in-house by our engineers to meet the needs of individual drawing requirements; challenging processing criteria of complex components often require novel/bespoke mechanical solutions.



Ron Scott and Graeme Forster with Metaltech's recently-awarded ISO 14001 certificate.

Vacuum heat treatment capabilities have expanded significantly since the procurement of our first furnace in the early 80s. Historically serving mainly the tool and die industry, accreditation to AS 9100C has enabled Metaltech to diversify into the aerospace market. Several of the vacuum units now conform to the stringent pyrometric requirements of AMS 2750D.

Plasma processing has been developed since the 1990s when, in conjunction with an eminent plasma and radiation physicist (a former colleague of the late Prof. Tom Bell), a plasma boriding project was initiated. A DTI Smart Award enabled Metaltech to undertake the research work and help develop a plasma processing chamber. A spin-off from the project was the ability to plasma nitride, a process offered to customers since.

The plasma processing capability has been expanded significantly with the recent acquisition of a Rübige 85/150 Duo Unit. This has the capability of plasma nitriding with or without controlled oxidation to

enhance the wear and corrosion properties of components. In addition, to further increase nitriding capacity, a conventional gas nitriding facility has been installed recently.

With this comprehensive array of equipment, Metaltech offers a broad range of cost-effective heat treatment services as detailed at www.metaltech.co.uk. The company also has a fully-automated manganese and zinc phosphate line and shot-blast facilities for metal-finishing requirements.

Despite the many industry closures (particularly in the North East of England over the last 30 years), the philosophy of giving our customers a first-class service, combined with rapid response/turnaround and competitive pricing, has enabled Metaltech to continue to provide diverse heat treatments with state-of-the-art processing. The factory is currently operating on a 24-hour shift system Monday through Friday, with weekend working as required.

The future

The future is always difficult to predict, particularly in these uncertain economic times. Nevertheless, the Directors of Metaltech are committed to invest continuously in the key areas of the business that have stood them in good stead over the last 30 years.

Through ongoing R&D, the company will continue to innovate in order to improve its overall competitiveness in the marketplace, with focus on enhancing process efficiency, reducing energy consumption and improving product quality.

Investment in youth and their training is seen as an essential part of the company's future ethos. Two apprenticeships began recently in the areas of electrical engineering and business administration. Further recruitment has taken place in the metallurgical laboratory where Ron and I hope to pass on the knowledge, gained from a combined 50+ years in heat treatment, to the younger generation. With over 25% of the current workforce under the age of thirty, hopefully the building blocks are in place to enable Metaltech to trade successfully for the next 30 years.

Whilst almost all trace of the steelworks has been removed from the Consett landscape, the Directors have successfully created a company that has a strong base in metallurgy and has retained some metal processing knowledge in the area. Thanks to the wisdom of Ron Scott, who in his dark days of 1980 (when unemployment here exceeded 30%) had the drive, ambition and self-sacrifice to succeed in building a business, Metaltech has clearly stood the test of time.

**Spread the word by
proclaiming your
CHTA membership**

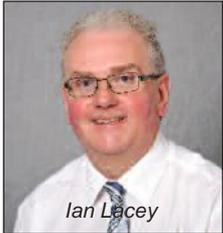


For use on company letterheads, literature, websites and advertisements, members can download CHTA's logo from the Members Area of the Association's website.

People

WALLWORK'S SALES TEAM STRENGTHENED

Thermal processing and metals coating specialist Wallwork Heat Treatment (Bury) has strengthened its customer support with the promotion of Howard Maher to sales manager and the appointment of Ian Lacey as business development manager. The company is currently experiencing unprecedented growth in business from aerospace, automotive, motor sport, oil and gas, engineering and commercial markets.



Ian Lacey



Howard Maher

Howard will be directly responsible for high-value commercial and aerospace key accounts and for the management and motivation of the sales team. Ian will be responsible for the southern half of the UK, looking after aerospace and non-ferrous business development.

Howard has spent most of the last 20 years with Wallwork, including shop-floor operations in all departments, laboratory and quality control. After a brief period in the motor trade, he rejoined the company in 2004 as a sales engineer.

Ian has spent his entire career in the heat treatment business. A trained metallurgist and Fellow of the Institute of Cast Metal Engineers, he also holds an MBA.

Experienced in ferrous and non-ferrous thermal processing, Ian joins Wallwork at a period of investment and expansion. The company's first non-ferrous heat treatment furnace is soon to enter service at Bury and a further high-capacity four-tonne vacuum thermal processing unit is on order for their Birmingham plant.

BODYCOTE'S NEW ACCOUNT MANAGER

Joining the team as Account Manager at the company's Birmingham plant, Bodycote welcomes the return of Steve Fletcher to the heat treatment fold.

With a background that includes logistics, sales/marketing and business development, Steve's roles have always been customer-facing and he views customer focus as key to success in meeting and exceeding their ever-increasing demands. His career has also included spells in media projects, primarily raising levels of awareness linked to key social and commercial platforms. Outside of work, he continues to enjoy producing and appearing in live theatre.

Steve says: "Having enjoyed almost 17 years with TTI Group, it is great to be involved in heat treatment once again. Bodycote is the industry leader and I am delighted to become part of their UK team. I look forward to developing strong customer relationships, supported by the company's commercial, technical and operational excellence."



Steve Fletcher

LOYAL SERVICE AT THT

A seventh employee has recently completed 25 years at Tamworth Heat Treatment. In recognition of his long service, Chief Inspector Andy Rapley was presented with a watch and an engraved glass tumbler by Managing Director Alan Whitehouse. They are seen here, during the enjoyable evening at Perry Barr greyhound stadium, with fellow members of THT's 25 Year Club (l. to r.): Ian Whitehouse, Tony Markland, Mick Littler, Alan Whitehouse, Andy Rapley, Ruth Chapman and David Lakin.



Advertising in Hotline

Hotline welcomes advertising (other than recruitment) from CHTA members and suppliers to the trade.

2013 RATES

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Advertisers in four consecutive quarterly editions of *Hotline* are entitled to a series rate where all of the above prices are discounted by 20% per insertion.

Deadline for booking ads in March's *Hotline* 131:

February 15th

For further details, contact *Hotline* Editor Alan J. Hick

Tel: 0121 329 2970;

e-mail: mail@chta.co.uk

Season's Greetings to all our readers



Diary

Events so far notified for 2013 suggest another busy year worldwide...

January 31 2013
CHTA PUBLICITY SUBCOMMITTEE*
 Birmingham, England

February 12 2013
BIFCA course:
INTRODUCTION TO INDUCTION HARDENING
 West Bromwich, England www.bifca.org.uk

February 14 2013
CHTA MANAGEMENT COMMITTEE*
 Birmingham, England

March 6 2013
BIFCA course:
BURNER TECHNOLOGY
 West Bromwich, England www.bifca.org.uk

March 12 2013
BIFCA STANDARDS SEMINAR 2013
 West Bromwich, England www.bifca.org.uk

March 19-20 2013
HEAT TREATMENT FOR PROFESSIONALS
 Rotherham, England www.namtec.co.uk

April 3-5 2013
QUANTITATIVE METALLOGRAPHY
 San Antonio, Texas, USA
 Conference and exposition:
www.asminternational.org/content/Events/quantmet

April 25 2013
CHTA PUBLICITY SUBCOMMITTEE*
 Birmingham, England

April 25-26 2013
EUROPEAN CONFERENCE ON HEAT TREATMENT
 Lucerne, Switzerland
www.awt-online.org/index.php?id=245&L=1

May 9 2013
CHTA MANAGEMENT COMMITTEE/ AGM*
 Birmingham, England

May 16 2013
BIFCA course: FURNACE & BURNER CONTROLS
 West Bromwich, England www.bifca.org.uk

May 16-18 2013
HEAT TREAT AND SURFACE ENGINEERING CONFERENCE AND EXPO 2013
 Chennai, India www.heatreatmentexpo-asmchennai.com

June 4-6 2013
SUBCON 2013
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 Co-located with the new *Advanced Manufacturing* show. www.subconshow.co.uk

June 11-14 2013
2ND MEDITERRANEAN CONFERENCE ON HEAT TREATMENT AND SURFACE ENGINEERING / CHALLENGES FOR HEAT TREATMENT AND SURFACE ENGINEERING
 Dubrovnik-Cavtat, Croatia
www.fsb.unizg.hr/hdtoip/IFHTSE%202013.pdf

June 16-18 2013
14TH GUANGZHOU INTERNATIONAL HEAT TREATMENT & INDUSTRIAL FURNACE EXHIBITION
 Guangzhou, China www.heatreatmentexpo.com

July 3-5 2013
THERMOTEC 2013
 Tokyo, Japan <http://thermotec-expo.com/en/>

July 18 2013
CHTA PUBLICITY SUBCOMMITTEE*
 Birmingham, England

August 1 2013
CHTA MANAGEMENT COMMITTEE*
 Birmingham, England

September 16-18 2013
27TH ASM HEAT TREATING SOCIETY CONFERENCE & EXPOSITION
 Indianapolis, Indiana, USA
www.asminternational.org/content/Events/Heatreat/

October 9-11 2013
69TH HÄRTEREIKONGRESS
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www.hk-awt.de

October 15-17 2013
UNDERSTANDING HEAT TREATMENT
 Birmingham, England
 78th repeat of Wolfson Heat Treatment Centre's course. Details from Derek Close: tel: 0121 237 1122; e-mail: derek.close@sea.org.uk; www.sea.org.uk/whct

October 24 2013
CHTA PUBLICITY SUBCOMMITTEE*
 Birmingham, England

November 7 2013
CHTA MANAGEMENT COMMITTEE
 Birmingham, England

**Members wishing issues to be raised at CHTA meetings should notify CHTA's Secretary, well beforehand, at mail@chta.co.uk*

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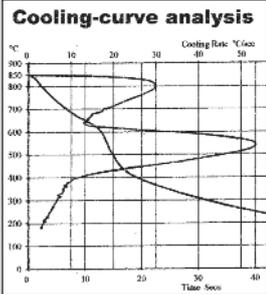
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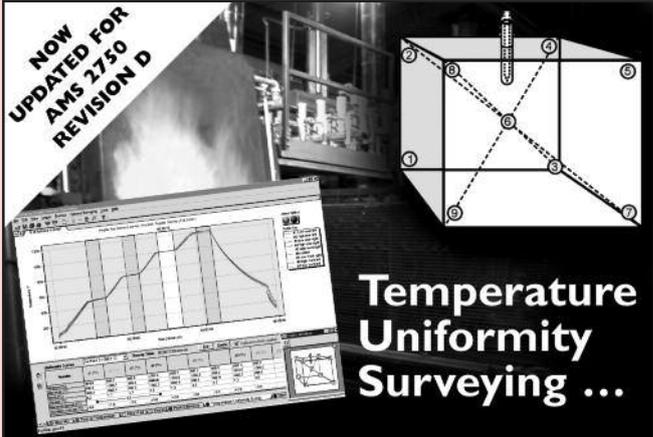


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The timetable for new CCAs

SEA's **Dave Elliott** reports on what's happening during the final months leading to 2013's implementation.

Members of the current climate change agreements need to be aware of the timing of the transfer to the new agreements, or Phase 2 CCA as it is being called by some.

The SEA has already completed a number of spreadsheets for the Department of Energy and Climate Change (DECC). These detail all of the existing agreements and the performance of each facility during 2008 or the nearest year to 2008 for which reliable data are available.

During **November**, SEA needed to submit a new Facility Eligibility Form for all new entrants and for those facilities where their eligibility has changed for whatever reason. The SEA also had to agree with DECC on the final sector commitment under the new agreements.

During **December**, the SEA is developing targets for each facility in the agreement and must agree these with DECC and their advisors.

The new IT system, being developed by the Environment Agency, will also complete its trials in December, with a view to going live by 1st January 2013. Initially, access to the system will be limited to sector associations only but it is hoped that, in time, individual facilities would be able to access the system to report their energy usage.

From the beginning of **January**, SEA will be able to access the new IT system and to confirm the data held therein. The first target period will also begin on 1st January 2013 and run through until 31st December 2014 – so a two-year period instead of the current one-year target period.

It is expected that underlying agreements will be available for participants to sign during **March** 2013 in order to start paying the reduced rate of climate change levy under the new agreements.

Market Movements

ANALYSIS OF QUESTIONNAIRE REPLIES RELATING TO 33 CHTA MEMBER SITES

“THIS QUARTER” =

**1 JULY –
30 SEPTEMBER 2012**

= **TURNOVER INDEX 100**

**OVERALL ANALYSIS
(33 SITES)**

	Mean index
This quarter last year	96.7
Last quarter	100.4
Predicted next quarter	100.6

