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CHTA Secretariat

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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

A date for your diary

On May 8th 1973, Alan J Hick attended the inaugural meeting of CHTA as its first and only Secretary. Fifty years and ten days later, he'll be welcoming members to...



Members will again be able to update and network at this year's Annual General Meeting, to be staged at SEA's Birmingham headquarters. Full details will be circulated in April.

GUEST SPEAKERS:



Lord Whitby
SEA President



Liam Conway
Control Energy Costs



Dave Elliott
SEA CEO

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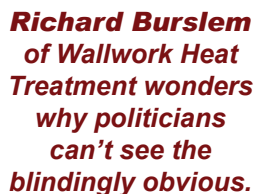
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When will Government recognise heat treaters as a vital ENERGY-INTENSIVE link in the UK supply chain?



As heat treaters, we are people of precision with a reasonable knowledge of science. We deal in the accurate measurement of time, temperature, pressure and chemical composition. We understand how these measurements are made, the importance of using calibrated equipment and the limits that we can work within to produce a successful product. We care about our staff and our customers.

It is a shock to encounter the world of politics where there seems to be little logic and no scientific rigour. Words are promises not to be kept, there seems to be no long-term planning and one policy often contradicts another. There appears to be little care for the customer which, to be clear, is every UK resident.

Energy Bills Discount Scheme

As the Energy Bill Relief Scheme comes to an end, on 31 March 2023, a new scheme will be introduced: the Energy Bills Discount Scheme (EBDS) which will run from then for one year.

The EBDS has a universal level of support for all businesses and a more generous rate for Energy and Trade Intensive Industries (ETII). ETII has been defined using Office of National Statistics (ONS) data / Standard Industrial Classification (SIC) codes and requires a business sector to be within the top 20% of businesses for energy intensity, which it defines as the ratio of electricity plus gas consumption divided by gross value added. There is a second test that the sector must be within the top 40% of businesses for trade intensity, measured by goods traded value.

The universal scheme is triggered when the price of gas exceeds £107/MWh and is a discount of £6.97/MWh. For electricity, the trigger is at £302/MWh and the discount is £19.61/MWh.

The ETII scheme is more generous, but limited to 70% of consumption because of European rules, itself somewhat surprising since it is three years post Brexit. The gas trigger is £99/MWh with a discount of £40/MWh and, for electricity, the trigger is

£185/MWh with a discount of £89/MWh. The remaining 30% of ETII is subject to the universal scheme discounts.

It is not possible to summarise these figures as percentage discounts, because the discount is a flat rate, but indicative figures, if prices rise just enough to trigger a discount, are 6% for the universal scheme and 30% for the ETII scheme. As a percentage discount these figures will fall if the cost of energy soars above the trigger price.

Contract heat treaters are a vital energy-intensive link in the UK supply chain

Energy intensive?

With energy typically being 10% to 25% of input costs, heat treatment companies are obviously energy intensive? Wrong, they are not because their SIC code 25610, treatment and coating of metal, is not included in the list of HM Treasury ETII eligible businesses.

As at 24 January 2023, Companies House record 1287 active companies who include SIC 25610 in the description of the nature of their business. Of those, 950 report their business to be entirely SIC 25610. CHTA has 43 member sites: however only 18 of those are registered at Companies House as businesses with the

sole nature of business as SIC 25610.

Other businesses that fall within SIC 25610 are powder coaters, metal polishers, car-wheel restorers, shot blasters and metal lapping. It is no wonder that this code is not seen as an energy-intensive one.

The methodology for inclusion in the ETII scheme is fundamentally wrong. The statistics and databases may be impressive but, in my view, it is like trying to establish the weight of something by using a tape measure.

You may recall that, back in September 2021, the largest ammonium nitrate fertiliser factory in the UK, at Billingham, halted production because the price of gas made it uneconomic. It's also a large producer of carbon dioxide and its dominant position led to national shortages of both commodities. It was rapidly supported by government subsidy to avert a supply disaster.

Heat treaters do not have this kind of clout and have had to pass on some, if not all, of their massively-increased energy costs to understanding but also stretched customers. In reality, it is these manufacturing customers who will bear the brunt of increased prices due to the non-inclusion of heat treaters in the ETI scheme.

A tongue-in-cheek approach to this knotty problem may be to think like a politician and pre-empt our industry becoming a museum piece by declaring ourselves living museums. Why? Because, believe it or not, SIC code 91.02, which covers museum activities, is included in the list of ETII businesses!

Changing your SIC to 91.02 could save you several hundreds of thousands of pounds in energy costs which could be passed down to our manufacturing customers who would then be more competitive globally.

The much more preferable solution would be for the politicians to think rationally, review their decisions and find a suitable way to categorise ETII businesses in a more meaningful, possibly scientific, way.

LATEST ON CAMPAIGNING

SEA CEO Dave Elliott is arranging a briefing luncheon at the House of Lords in April to be attended by Grant Shapps, now Secretary of State for Energy Security and Net Zero. CHTA representatives are being invited along with MPs contacted by members.

“The methodology for inclusion in the ETII scheme is fundamentally wrong.”



Supporting contract heat treaters for fifty years

Ever-present Secretary Alan J Hick looks back as the 50th Anniversary of the CHTA approaches.

A body "to serve as a central organisation to represent the interests and upgrade the status of the contract heat treatment industry in the United Kingdom" was first mooted at informal gatherings of seven like-minded Midlands-based heat treaters in 1972. The concept became reality, as the Contract Heat Treatment Group, when a secretariat was engaged, from the newly-established Wolfson Heat Treatment Centre at Aston University, in May of the following year.

The fledgling organisation soon gained support from contract heat treaters nationwide, its inaugural general meeting, hosted at Aston by Department of Metallurgy Head Professor Bill Alexander and Wolfson Manager Alan J Hick, attracting over 50 delegates from 40 companies in November 1973. There our first and longest-serving Chairman John Cowie outlined the aims and objectives of the Group, formed so that "the important position of the contract heat treater in industry should be recognised".

Within a year of its formalisation, the

Contract Heat Treatment Group boasted the 35 members recorded in the accompanying panel. By 1977, with the name changed to the Contract Heat Treatment Association, membership had increased to 63 sites, the number peaking at 80 in 1993.

Co-operation

The contract heat treatment sector has changed dramatically, since those early days, but the need for action on matters of common concern, through CHTA, remains.

Throughout, CHTA has relied heavily on the co-operative input of member volunteers to further its aims. The Association has achieved much over the fifty years, due to the sterling contributions of member representatives, too numerous to mention individually here, and, since 2000, the invaluable support of the Surface Engineering Association.

As this special milestone is reached, we thank all who have participated in CHTA committees and other activities over the years and salute the twenty-one CHTA Chairmen under whom their efforts have been guided so far.

Here's to the next 50 years!



1973

Founder members of the Contract Heat Treatment Group Management Committee (l. to r.): Beck Mayer (Express Treatments), Don Poole (Warne, Wright & Rowland), Roland Courtney-Sutton (British Heat Treatments), Ron Stanton (Birlec Heat Treatments), Nick Taylor (ICI Cassel Heat Treatment Service) - behind Mr. Stanton - and CHTA's first Chairman John Cowie (Midland Heat Treatments). Not shown: Phil Griffiths (Electro Heat Treatments) and Reg Jackson (Controlled Heat Treatments).

CHTA Chairmen, 1973-2023



1973/1982
John Cowie
Midland Heat
Treatments Ltd



1983
Peter Bates
Blandburgh
Ltd



1984/1985
Brenda Buckley
Holt Brothers
(Halifax) Ltd



1986/1987
Phil Griffiths
Electro Heat
Treatments Ltd



1988
Nick Storer
North London
Heat Treatment



1989/1990
Doug Goldstraw
British Metal
Treatments Ltd



1991/1992 & 2002
David Wilkins
Blandburgh Nemo
Ltd / Bodycote



1993/1994
Brent Millage
Kepston Brazing
Ltd



1995/96 & 2000/01
Ian Brown
Wallwork Heat
Treatment Ltd



1997/1998
Chris Baumann
Senior Heat
Treatment Ltd



1999
David Ashton
Nitriding
Services Ltd



2003/2004
Terry Littlewood
Expert Heat
Treatments



2005/2006 & 2023
Roger Haw
Flame
Hardeners Ltd



2007/2008
Paul Handley
Heat Treatment
2000 Ltd



2009/2010
Richard Burslem
Wallwork Heat
Treatment Ltd



2011/2012
Chris Kenward
Ajax Tocco
International Ltd



2013/2014
Simon Blantern
Bodycote Heat
Treatments Ltd



2015/2016
Andy Borg
TTI Group
Ltd



2017/2018
Simon Day
ADI Treatments
Ltd



2019/2020
Mike Leach
Alpha-Rowen
Ltd



2021/2022
Tim Pelari
Wallwork Heat
Treatment Ltd

1974 members

Companies highlighted in bold were founder members:

- Abbey Heat Treatment Ltd, London
- **Birlec Ltd**, Aldridge
- Bradley & Foster Ltd, Darlaston
- **British Heat Treatments Ltd**, Birmingham
- R.W. Carr & Co. Ltd, Birmingham
- **Controlled Heat Treatments Ltd**, Lye
- Diemould Heat Treatment & Kepston Ltd, High Wycombe
- **Electro Heat Treatments Ltd**, West Bromwich
- **Express Treatments Ltd**, Halesowen
- Flame Hardeners Ltd, Sheffield
- J.M. Hargreave & Co. Ltd, East Molesey
- Heat Treatments Ltd, Birmingham
- Heat Treatment & Brazing Co. Ltd, Hersham
- Holt Brothers (Halifax) Ltd
- G.F. Homer (Redditch) Ltd
- **ICI-Cassel Heat Treatment Service**, Birmingham
- Inducto-Heat (Tewkesbury)
- J.J. Casting Investments (Heat Treatment) Ltd, Caerphilly
- Keighley Laboratories Ltd, Keighley
- Met Vac Ltd, West Bromwich
- Metal Colours (Slough) Ltd.
- **Midland Heat Treatments Ltd**, Wolverhampton
- Nemo Heat Treatments Ltd, Stockport
- North London Heat Treatment Ltd, Boreham Wood
- Precision Heat Treatment Ltd, East Molesey
- Rubery Owen (Moxley) Ltd, Wednesbury
- Salter Engineering Components Ltd, Smethwick
- Southern Heat Treatments (Gosport) Ltd
- Southern Induction Ltd, Southall
- Stora Steel Ltd, Lye
- M. Taylor (Metal Treatments) Ltd, Kingswinford
- Temperset Ltd, Tipton
- Torvac Processing Ltd, Skelmersdale
- Wessex Heat Treatments Ltd, Trowbridge
- Wild Barfield Heat Treatment Ltd, Watford Ltd



Be sure to join us at CHTA's 50th Anniversary celebration on October 20th at Birmingham's Grand Hotel

Details at:
www.sea.uk/2023/awards/

1975

CHTA Publicity Subcommittee formed and first *Hotline* published.



1977

First edition of CHTA's *Buyers Guide to Contract Heat Treatment*.
First edition of *CHTA Guidelines for Business Conditions*.

1978

Incorporation of CHTA as a company limited by guarantee.

1979

CHTA's CHT-1: *Quality Assurance Standard* published



Contract Heat Treatment Association

**QUALITY ASSURANCE
STANDARD CHT-1
(1974)**

1985

First of CHTA "Consumable Cost Surveys".

1992

First "Market Movements" survey

1996

Series of *CHTA Datasheets for Non-heat-treaters* issued.



2000



2002

CHTA Benchmarking Club launched.

2005

CHTA registered office moved to SEA headquarters.

CCA for heat treaters kicks in – at last!

CHTA members enabled to participate in climate change agreements after a prolonged SEA-assisted campaign

2006

10th edition of *Buyers Guide* issued.



2010

CHTA Guidelines for Business Conditions updated



2011

CHTA sponsors 19th IFHTSE Congress.



2013

Start of CHTA-sponsored courses leading to a Certificate in Metallurgy.



2014

CHTA non-disclosure agreement released

2014

Climate Change Levy exemption for heat treatment.

2015

CHTA organises first UK national heat treatment conference for twelve years.



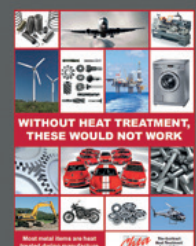
2020



2022-23

Campaigning on energy costs.

Contract heat treaters are a vital energy-intensive link in the UK supply chain



Government support needed on energy costs

A message from CHTA's "new" Chairman



Some thoughts from Roger Haw, MD of Flame Hardeners Ltd, who succeeded Wallwork's Tim Pelari as CHTA Chairman in February.

This year marks the fiftieth anniversary of the CHTA and I regard it as an honour to hold the position of Chairman at this time. I am also proud of the fact that my company was a founder member of the association. This is my second time round as CHTA Chairman and, to date, I am now the third person to serve in that capacity twice. I am therefore joining David Wilkins and Ian Brown, two of the most respected names within, and champions of, the contract heat treatment industry.

Indeed, my initial interest in becoming part of CHTA's Management Committee was a result of some suggestions I made to Ian Brown regarding my concern about the position of the association and its future. In typical style, and with the succinct content that a Yorkshireman would appreciate, I received the reply: "Well if you think that you can help us to do any better, come along and join us". I accepted the invitation and gained the necessary proposers to allow me to be a candidate at the next election. Success led to me joining the committee in 1997 and, apart from a short break, I have enjoyed being there ever since.

CHANGES

What has changed since my first term as Chairman? The whole structure of the UK engineering industry, and therefore our marketplace, has changed. The cost of energy has changed. The provision of education and training in metallurgy has changed across the total spectrum from technical colleges to universities. The availability of labour has changed. Taxation has changed. Several members of CHTA have closed either involuntarily or voluntarily. My company had 30% of its turnover through heavy engineering; it is now 12%.

One change that helps us all stay in business is that the vast majority of us have adapted. We used to supply heat treatment services. We now supply heat treatment services plus heat treatment advice, processing route advice, cost advice and discussions with customers at the design stage.

THREATS

We have all survived so far but it is prudent to summarise the threats that could put heat treatment companies out of business.

Education and training

There is a lack of formal education in metallurgy and training facilities in the very specialised areas of engineering heat treatment are almost non-existent. It would appear that the only way we are passing knowledge on to successive generations is by the more experienced among us spending time with our up-and-coming employees.

Energy costs

The next threat is the high price of energy. We must not fool ourselves that, over the long term, energy costs will return to where they used to be. Therefore, we have to mitigate the effect of such high prices. Currently our industry is not permitted to be part of the Intensive Energy Users Compensation Scheme. If it were, it would give us some partial relief.

Your Management Committee, together with SEA, has started a campaign to rectify this matter and is pressing for discussion with the responsible Government Minister. All CHTA members have been asked to contact their local MP to ask for support in this matter.

To assist with this, you have been provided with a sample format of such a letter. If you have not already made contact with your MP, I strongly urge you to do so and, once done, inform our Secretary. We really need this action to take the process one step further.

Labour

The next threat is the availability of labour; without it we cannot function. We can all invest in the best and most modern equipment, but it is useless if there is no one there to operate it.

Again I ask you to take every opportunity you can to explain that good job opportunities and satisfaction are available in the heat treatment sector. Do this formally or informally. If you get into conversation with a teacher, headmaster or parent anywhere, just give the industry a little push. I have found that this works best in the pub, providing you are buying. Giving your MP a nudge about this would do no harm.

Net Zero

The real threat that we have not paid much attention to yet is the progress towards net zero. It may be realised at some stage that the goal is not completely

achievable, but materials will have to become cheaper to manufacture with less energy input. They will also have to become stronger.

Will future materials require more or less heat treatment and will Material Science overtake Metallurgy as the growth area of the future? Should we all be thinking about moving our skills to the development and treatment of new materials?

I remember Richard Burslem once remarking that, some day, components would be manufactured by 3D-printing with treatment already built in. Now that is a chilling thought but it is probably closer than you think. I trained as an engineer and became involved in heat treatment via unplanned circumstances. If I had my time now, should I be thinking about training as a Material Scientist?

CHTA SUPPORT

Finally, if you feel that there is anything that the Association can help you with, or anything you would like to see us doing, please do not hesitate to contact me. There are vacant positions on the Management Committee in the forthcoming election. Why not join us, as the more wise people we have the better will be the services we can offer.

Also, please support us in recognising the milestone of CHTA's 50th Anniversary.

We wanted a celebration but had the feeling that, to make this memorable, we would need a special event. In consequence, we have arranged to incorporate our celebration with the SEA awards evening in October. Please consider booking a table or at least some places and enjoy a good evening meeting your fellow members. Further details are published in *Hotline* and available at www.sea.org.uk/2023-awards/.



Roger Haw: a brief profile

Roger has gone from an early ambition to be a draughtsman to being Chairman and Managing Director of Flame Hardeners Ltd, the company that he now owns. In doing so, he has realised that initial career plans do not always work out and one must take advantage of opportunities as they arrive.

Roger started his working life as an apprentice at Kirkstall Forge Engineering (later to become GKN Axles). There he progressed through various positions whilst taking advantage of further-education opportunities offered by his employer, eventually graduating with a degree in Mechanical Engineering, from the University of Leeds, and becoming a Chartered Engineer.

After working in the heavy-vehicle-transmission and gas-appliance industries (two very different fields of activity), in 1976 the opportunity came along to become General Manager at Flame Hardeners.

Roger Initially had limited experience in heat treatment, consisting only of working for three months in the hardening and tempering of forgings and case-hardening of engineering components. However, being a quick learner, he adapted to the services that Flame Hardeners provided. He also realised that the company could offer so much more in initial advice at the blank-paper stage and also in problem solving.

Whereas most engineers eventually specialise in specific areas of engineering, Roger derives great satisfaction in dealing with a whole range of industries in the work at Flame Hardeners. Having spent the rest of his working life to date there, he has become a respected expert in this particular field of heat treatment.



Roger's first two-year tenure as CHTA Chairman started in 2005. He's seen here then, being congratulated on his succession by previous post-holder Terry Littlewood of Expert Heat Treatments Ltd (left).



CHTA member KTH Holts, formerly known as Holt Brothers (Halifax), are pleased to announce the appointment of a new Managing Director to take the company forward with fresh ideas and a strengthened focus on future planning.



Pranesh Latchayya (previously the company's General Manager) took on the new role, in October last year, in anticipation of Peter Fletcher's retirement in 2024. Pranesh has a strong background in the industry and recently completed his MBA, with honourable recognitions, at Manchester Metropolitan University.

KTH Holts has a rich history extending back to 1860. The company has always been technically driven, offering customers the best possible heat treatment service; from advising on material specification, assisting in process design and performing the optimum combination of treatments to deliver the required performance in the finished product.

By achieving this, KTH Holts consistently provide a powerful combination of knowledge, experience and versatility. The focus remains largely the same and the company's principles make it the first choice for ultra-low-distortion work, dimensionally-awkward shapes, precision processing of large components and bespoke treatments of advanced materials. KTH Holts are able to apply their extensive expertise and wide process capabilities available at their Halifax site.

KTH Holts' technical abilities are supported with rigorous quality standards that originated in the 1930s through work with the British Engineering Association – the precursor of BSI. Naturally, KTH Holts have sustained their BSI membership, but

have also developed to meet the modern demands of the Nadcap accreditation.

KTH Holts continues to reinvest in their capabilities. In addition to one of the largest pit carburising furnaces operating in the heat treatment industry, it has comprehensive vertical heat treatment facilities for long components. This allows the company to offer an integrated stress relieving and straightening service for steel and superalloy bar and finished shafts. Tolerances are down to 50 microns TIR on ground shafts of up to three metres in length and slightly lesser on shafts of up to seven metres long.

Some of KTH Holts' work goes into machinery destined for extreme environments (mining, offshore, aerospace, power) where service failure is not an option, with downtime measured in £100,000s per hour. In these circumstances, the company's customers entrust them to deliver perfection every time. In addition, KTH Holts have long been trusted to step in and deliver results when customers' in-house capacities fall short due to capacity or task complexity.

In addition to expanding their capabilities, KTH Holts seeks to explore alternative markets to replace the gradual decline of the mining, oil and gas industries due to climate change.

Pranesh told CHTA; "Although the industry is dealing with challenging times, firstly Covid and now energy costs, the future looks really promising. I am very happy to be in post, and look forward to moving KTH Holts forward, strengthening connections and further developing our service offering". You can learn more about KTH Holts or get in touch with Pranesh, by visiting www.kth-holts.com.

Other CHTA members wishing to publish a company profile in Hotline should contact the Editor at mail@cta.co.uk.

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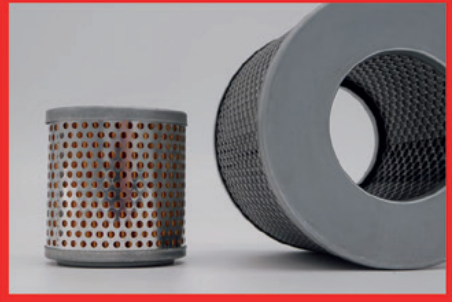
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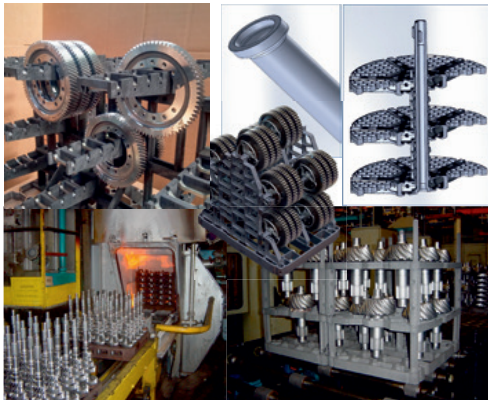


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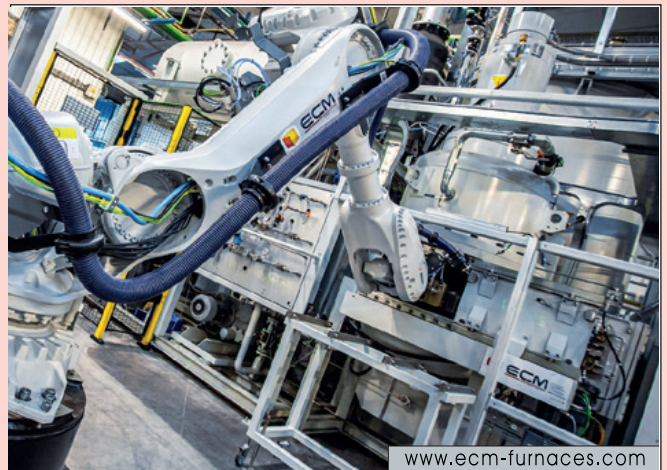
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Member news

CHTA MEMBER'S ROLE IN COMPONENT-OF-THE-YEAR SUCCESS

A pair of Black Country companies played a crucial role in helping Atkinson Vos win component of the year in the UK Cast Metals Industry Awards 2022.

West Bromwich-based CHTA member ADI Treatments and the Boro Foundry, Lye, helped the manufacturer of Unimog vehicles develop a new three-point linkage power-lift arm for use in the agriculture, forestry and rail sectors.

Together, the trio have taken a steel fabrication, consisting of nine laser-cut parts, and converted it to a casting in austempered ductile iron (ADI). What was once an inelegant part, prone to distortion/failure, the new lighter cast design is four times stronger in the critical areas due to the inherent stiffness of ADI compared with the steel equivalent. The judges particularly liked the fact that the project was a true collaboration with students from the University of Lancaster involved in the design for casting feasibility.

Arron Rimmer, Director at ADI Treatments, said: "The use of casting as the 'route to manufacture' for this component now allows greater flexibility in producing design variants for the customer, greater reliability and a cleaner geometry, with the additional possibility for the client logo to be 'cast on'. Larger batches are now viable on a reduced timescale. This was a great project to be involved in."



Award winners in partnership with Atkinson Vos: ADI Treatments' Arron Rimmer (left) and Sam Edwards of the Boro Foundry.

December's UK Cast Metals Industry Awards, which attracted nearly 200 guests, focused on the great castings being manufactured by UK foundries and their huge achievements in innovation, growth and component performance.

NEW DIRECTOR AT WALLWORK

Congratulations to James Bailey on being promoted to Director at Wallwork Group in December.

With the company for nine years, James joined Wallwork Heat Treatment as a chemistry graduate, from Manchester Metropolitan University, and has worked through the processes at the Bury site, where he is currently located. He also spent some time at the Consett site as Works Manager.



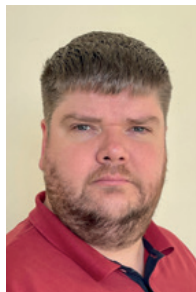
Said Group Director Ian Griffin: "We are very pleased that James accepted the role as Director and will therefore be part of the continued growth of the Wallwork Group".

NAME CHANGE

CHTA member Mat-Tech Services Ltd, based in Stone, Staffordshire, have become Mat-Tech Joining Technologies Ltd. Director Arthur Miles says the new name "encapsulates the field of our capabilities", which are primarily innovative soldering and brazing processes.

FROM FURNACE OPERATOR TO DIRECTOR

ADI Treatments' Operations Director John Southall joined the company as a furnace operator in 2009 and made a rise through the ranks to Senior Supervisor, a position he held from 2013 to 2018.



The company recognised the need for a continuous-improvement role and John was successful at interview to take on this new challenge in mid-2018. The scope of the role developed to include managing both compliance issues and the production functions on site.

Invited to join the board of Directors at ADI in summer 2022, John has responsibility for the day-to-day operations of the business at the West Bromwich site and is the main contact for any production or health-and-safety-related issues.

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.

A CHTA THANK-YOU

We say a fond farewell and a big thank-you to two member representatives who have given long-term sterling service on CHTA's Management Committee.

With Keighley Laboratories having closed its heat treatment division to focus on metallurgical testing, MD **Debbie Mellor** has resigned from the Management Committee after twelve years of participation, during which she was a valued contributor to *Hotline* on a number of occasions. Twenty-year involvement with the Management Committee also came to an end on January 31st when **Mark Florance** retired as General Manager and Director of Techniques Surfaces (UK) Ltd in Birmingham. We wish him a long and happy retirement.



Members interested in volunteering a representative to fill the Management Committee vacancies should note that nomination forms for election will be circulated with the calling notice for this year's AGM.

Please send news items for June's *Hotline* 172 to: mail@chta.co.uk
Deadline: May 12th



Looking for specific subcontract heat treatment capacity? ...

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

Your enquiry is e-forwarded instantly to all CHTA members; any able to help contact you directly.

HELP FOR FORMER EMPLOYEES HITTING HARD TIMES

The Benevolent Society, the charitable society of the British Allied Trades Federation (BATF), parent body of SEA, financially assists individuals that have worked within the surface engineering, giftware, jewellery, travel goods and fashion accessories industries.

Its February 13 press release (here edited) announced funding that is also available via CHTA members as affiliates of SEA...

THE BENEVOLENT SOCIETY LAUNCH COST-OF-LIVING SUPPORT FUND

Increased high energy and food costs have had a devastating impact on many. To try to alleviate some of these impacts on individuals in our industries, The Benevolent Society is launching a support fund to ease some of the financial pressure caused by the current cost-of-living crisis. Initially, only those individuals who own or work for a company that is a fully paid-up member of one of the BATF federated trade associations, namely, the National Association of Jewellers, The Giftware Association, British Travelgoods and Accessories Association, Surface Engineering Association or British Jewellery and Giftware International, will be able to apply for a one-off grant of £750 for those suffering from financial hardship due to increased energy and food costs.

It is hoped that this grant will provide temporary relief to those who are struggling financially until the current situation stabilises and/or costs decrease.

The support fund opened on 15 February and applications are accepted via the support fund electronic application form on The Benevolent Society website:

www.thebenevolentsociety.co.uk/cost-of-living-support-fund.html.

If you have any questions regarding the application process, or indeed if you would like to make a donation to The Benevolent Society Support Fund and help us assist your fellow members suffering hardship at this time, then please contact Laura Banner at laura.b.banner@gmail.com or on 07985 611 209.

ANOTHER LOW-COST OPPORTUNITY FOR CHTA MEMBERS TO EXHIBIT

Following great success at the UK's largest annual gathering of engineering and manufacturing professionals last year, SEA have again booked their pavilion at 2023's *Advanced Engineering* exhibition which takes place on 1-2 November at Birmingham's NEC.

SEA have once more agreed to subsidise some of the cost for SEA/CHTA members and are offering pods at £1700, with corner pods priced at £2200.

The pavilion deal provides prominent low-cost exhibition floor space with the added benefit of a comprehensive multi-faceted marketing package at no extra cost.

For details, contact SEA on 0121 237 1123 or at info@sea.org.uk.



SEA's pavilion at last November's *Advanced Engineering* show

HOTLINE

Register for a regular copy of our printed Hotline newsletter



Go to...
www.chta.co.uk

FOUNDRAx



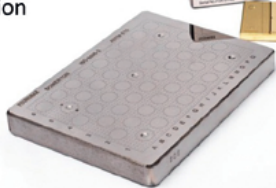
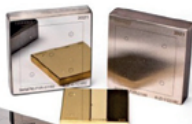
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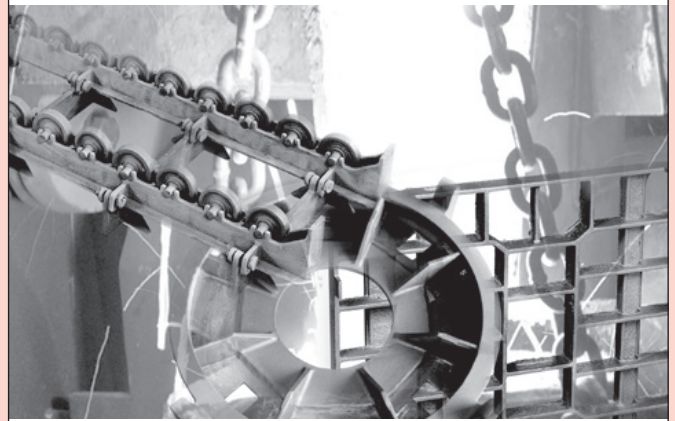


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Advertising in *Hotline*

2023 ADVERTISING RATES

Single-insertion charges for **black-and-white** ads:

Size	Dimensions	Charge
Quarter page	121mm high x 86mm wide	£199 +VAT
Half page	121mm high x 178mm wide or 254mm high x 86mm wide	£352 +VAT
Full page	254mm high x 178mm wide	£630 +VAT

For full-colour ads, add an extra £265+VAT to each of the above charges.

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.

2023 DEADLINES

Issue	Publication month	Order deadline	Copy deadline
Hotline 171	March	3 February	10 February
Hotline 172	June	5 May	12 May
Hotline 173	September	4 August	11 August
Hotline 174	December	3 November	10 November



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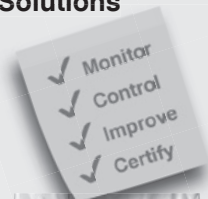
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Diary

March 15-16 2023
METALLURGY FOR NON-METALLURGISTS
CBM online course
<https://thecbm.co.uk/news-and-events/events/>

March 27-28 2023
NADCAP AUDIT PREPARATION - HEAT TREATING
Sheffield, England *PRI Training (pri-training.com)*

March 28-30 2023
HEAT TREAT MEXICO
Monterrey, Mexico
www.asminternational.org/web/heat-treat-mexico-2023

March 29-30 2023
INTRODUCTION TO PYROMETRY
Sheffield, England *PRI Training (pri-training.com)*

April 3-5 2023
PRACTICAL HEAT TREATING
ASM Education virtual option online
www.asminternational.org/learning/courses

April 18-19 2023
7TH CENTRAL EUROPEAN HEAT TREATMENT
FORUM & EXPO
Wrocław, Poland
Organised by the Global Heat Treatment Network.
www.heat-treatment-forum.pl/homepage/

April 24-27 2023
5TH INTERNATIONAL CONFERENCE ON HEAT
TREATMENT AND SURFACE ENGINEERING OF
TOOLS AND DIES
Hangzhou, China
http://htse-td.allconfs.org/meeting/index_en.asp?id=6861

April 27 2023
CHTA PUBLICITY SUBCOMMITTEE*
Birmingham, England

May 4-5 2023
VACUUM HEAT TREATING
ASM Education virtual option online
www.asminternational.org/learning/courses

May 15-16 2023
ADVANCED PYROMETRY
Birmingham, England *PRI Training (pri-training.com)*

May 16-18 2023
EUROPEAN MODERN FURNACE BRAZING SCHOOL
Pontardawe, Wales
www.wallcolmonoy.com/products-capabilities/brazing-alloys/brazing-school/

May 17 2023
MEXICO HEAT TREATMENT CONGRESS 2021
Queretaro, Mexico www.metalspain.com/mexico.htm

May 17-18 2023
HEAT TREATING: PROCESS OWNER
Birmingham, England *PRI Training (pri-training.com)*

May 18 2023
CHTA MANAGEMENT COMMITTEE / AGM*
Birmingham, England

May 29-31 2023
EUROPEAN CONFERENCE ON HEAT TREATMENT
Genoa, Italy www.aimnet.it/echt2023.htm

June 1-3 2023
21ST BEIJING INTERNATIONAL HEAT TREATMENT
EXHIBITION
Beijing, China www.chta.org.cn/newsinfo/5151719.html

June 5-6 2023
INTRODUCTION TO PYROMETRY
Southampton, England *PRI Training (pri-training.com)*

June 7-8 2023
SUBCON
Birmingham, England www.subconshow.co.uk

June 12-14 2023
BASICS OF HEAT TREATING
ASM Education virtual option online
www.asminternational.org/learning/courses

June 12-16 2023
THERMPROCESS 2023
Düsseldorf, Germany
www.thermprocess-online.com/

Market Movements

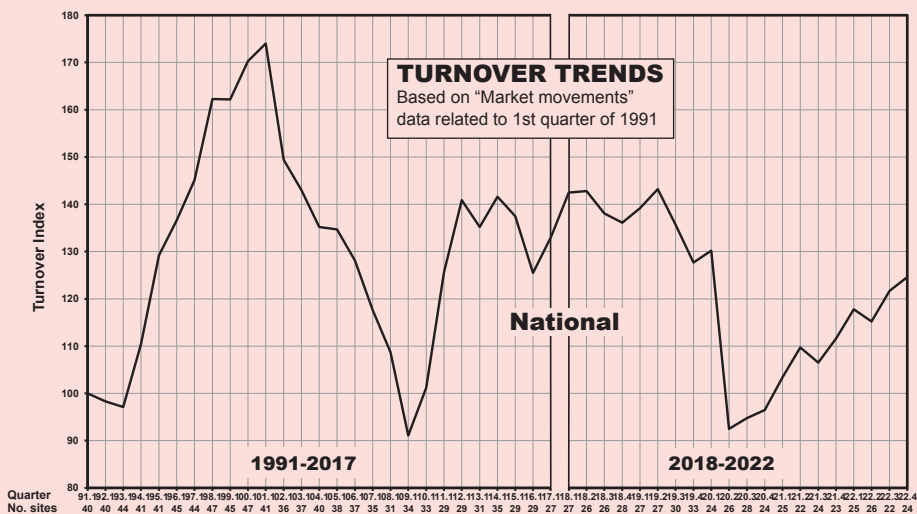
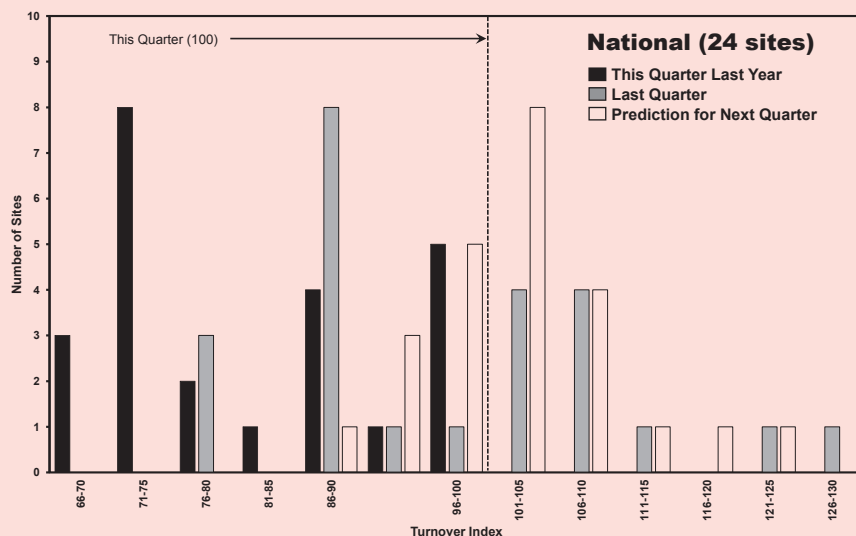
ANALYSIS OF QUESTIONNAIRE REPLIES RELATING TO 24 CHTA MEMBER SITES

“THIS QUARTER” =

**1 OCTOBER -
31 DECEMBER 2022**

= TURNOVER INDEX 100

OVERALL ANALYSIS (24 SITES)	Mean index
This quarter last year	81.3
Last quarter	97.7
Predicted next quarter	103.4



June 15-16 2023
HEAT TREATING FURNACES AND EQUIPMENT
ASM Education virtual option online
www.asminternational.org/learning/courses

July 5-6 2023
A3TS 2023
Mulhouse, France
49th congress on heat treatment and surface engineering.
<https://en.a3ts.org/evenements/congres-a3ts-2023-mulhouse>

July 27 2023
CHTA PUBLICITY SUBCOMMITTEE*
Birmingham, England

August 10 2023
CHTA MANAGEMENT COMMITTEE*
Birmingham, England

September 7-8 2023
VACUUM HEAT TREATING
ASM Education virtual option online
www.asminternational.org/learning/courses

*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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Please send comment and news items for June's Hotline 172 to: mail@chta.co.uk
Deadline: May 12th