

Index

o AUTUMN | o 2015

Newsletter of the
Commissioning Specialists Association

PROFICIENT PROFESSIONAL COMMISSIONING



25 YEARS OF MAKING
BUILDINGS WORK

In this edition of Index:

- Jules' News
- Airtech – When
- Commissioning Hits
Top Gear
- Chairman's Thoughts
- CSA Gala Awards 2016

CSA 25 YEAR ANNIVERSARY
This Edition of Index is sponsored by:



AIRTECH PREMIER LIMITED CELEBRATE 5TH ANNIVERSARY



clients and engineers with whom we have been able to develop great working relationships with.

We moved into our new office in Hampshire last year, and have also recently opened an office in Harlow which is home to the newly formed Ventilation Services Division of Airtech Premier Ltd, a specialist division concentrating on Mechanical Services Contracting, Ductwork Installation and Air Conditioning.

Without our people – we would not be where we are today, and it is a real honour for one of our key engineers, Tom Bradbury, to have been recognised by our industry and the CSA with the Engineer of the Year award – so thank you all and we look forward to our continuing future successes!

**Andrew Watkin, Steve Ashcroft
and Dave Tye**

We are so pleased with how, as a company, we have grown over the last five years and incredibly proud. It really has been an amazing journey.

We've been lucky enough to work on some fantastic and interesting projects, especially the pharmaceutical work we have been involved with. We've met incredible people, both

New Members *We would like to welcome the following new members to the Association:*

CORPORATE • Burgess Management Consultants • Kebble Environmental Services Ltd

ASSOCIATE • Blizzard Electrical & Mechanical Contracting Co. LLC

INDIVIDUALS:

- | | | | | | |
|--------------------|-------------------|----------------|--------------------|--------------------|------------------|
| • Peter Brophy | • Sohail Alan | • Jamie Cooper | • Jack Hurst | • Tony Keane | • Tori Parchment |
| • Calum Hill | • Salil Chari | • Peter Wyeth | • Alberto Caringal | • Kayleigh Laird | • Mark Martin |
| • Loumanace Nagano | • Joshua Allen | • Binil Kumar | • Shahil Hameed | • Wael Ali Jumaa | • Ryan Doran |
| • Dean Brinton | • Sathish Anandan | • Connor Young | • Tyrone Jenkins | • Michael Espiritu | |



Jules' News



25 YEARS OF MAKING BUILDINGS WORK

Welcome to the CSA 25th Anniversary Autumn Edition of Index. I am disappointed that some of our Corporate members have not yet ordered the New Commissioning Engineers Compendium. The Technical Sub-Committee worked tirelessly for 5 years updating this publication which now includes 2 new sections; Building Management Systems (BMS) and Automatic Controls & Recent Developments which covers LEED, BREEAM, Soft Landings, DREAM, Continuous Commissioning, Building Log Books, Indoor Air Quality & Energy Monitoring – more information on page 5. I am pleased to introduce two new members of Administrative staff, Joanne & Filomena. Filomena joined us in July and Joanne in October – both are settling in nicely. On a sad note, Michelle will be leaving at the end of the year, so we will be raising a glass or two with Michelle at the Xmas meeting and lunch on 9th December.

Finally, invoices for your membership fees will be coming out to you w/c 14th December 2015 – these will be strictly 45 days payment from date of invoice. Individual membership fees will have a small increase in 2016. From January 2016 the annual fee for Individual Membership; Grades "T" Trainee & Grade 1 – £25.00
Grade 2 – £35 Grade 5 – £100
Grade 3 – £50 Grade 6 – £120
Grade 4 – £80
Corporate Members receive a 60% discount on the Individual Membership fees and this discount starts at Grade 3 and above.



JOANNE & FILOMENA

INDIVIDUAL MEMBERSHIP UPGRADE

It is up to you and / or your employer to request an upgrade of your CSA membership. You are not automatically upgraded on completion of Distance Learning Courses or after more years of experience. Email us a full and up to date CV requesting an upgrade to the Grade that you think you should be. For help with this refer to the Path of Development and Training and Career Development Handbook, both downloadable from www.csa.org.uk in the Training and Career section.

GRADE 4 EXAM RESULTS – SATURDAY 10th OCTOBER 2015

Congratulations to those listed who passed the Grade 4 Technical & Theory Exam:

GREG EUSEBI	ZAK ABERCROMBY
ANTHONY COXON	BINIL KUMAR
Wael Ali Jumaa	CARL MASON

The next grade 4 exam is scheduled in May 2016 (Date TBA) – if you wish to take this exam please e-mail to confirm – office@csa.org.uk. I will then forward you a copy of the NEW MOCK GRADE 4 EXAM PAPER.

Distance Learning Courses – A, B & C

Well done to those listed below who have recently passed the DLC tests:

DLC A: Jake Concannon, Colin Fitzsimmons, John Faul, Jamie Franks.

DLC B: Christian Richards, Bradley Bonnick, Robert Stone, Daniel Brockley, Neil Allen, Daniel Carrol, James Sargeant, Declan Riley, Tom Binbashi.

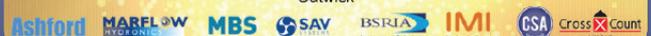
DLC C: John O'Rourke, Roman Zhrebtsov, Chris Gillbanks, Ryan Littlejohns.

To enrol on a DLC Course simply download and complete the appropriate enrolment form see CSA website www.csa.org.uk and e-mail it to office@csa.org.uk

Julie Parker – CSA Secretary

Celebrate at the 2016 CSA Awards

17th June 2016, Copthorne Effingham Park Hotel, Gatwick



AIRTECH PREMIER LTD CELEBRATE 5TH ANNIVERSARY



25 YEARS OF MAKING BUILDINGS WORK

WHEN COMMISSIONING HITS TOP GEAR – AIRTECH PREMIER LTD 5TH ANNIVERSARY!

When Airtech Premier Ltd suggested there was to be a celebration like no other this year, little did we know what was in store for us.

The location of the celebratory day out was to be Dunsfold Park in Surrey, the home of the famed TOP GEAR test track. An email was soon received with a choice of motors to select from for an exciting and action packed day. The list of cars had names that would make even a playboy's eyes sparkle with excitement – Ferrari, Lamborghini, McLaren and Aston Martin to name but a few.



The cars were meticulously selected and the date was set. A buzz of excitement and anticipation of what was to come set about the work place.

Airtech Premier Ltd would celebrate their 5th Anniversary and take on the STIG!

Once off the bus we eagerly rushed to register ourselves for the day's activities and happily signed the obligatory risk assessments. We had each chosen to experience two different cars for the day with a number of quick laps piloted by ourselves. The day would end with a 'hot lap' in a Vauxhall Monaro V8 saloon car with a professional driver to show us how it's really done.

My first car of choice was a Lamborghini Gallardo Spyder with a paddle shift gearbox. Easy I thought, just like Playstation.... I jumped into the cockpit and adjusted my seating position. With the instructor beside me, I fired up the V10 engine and we headed out for our laps on the circuit. Initial progress was brisk yet reserved as the lines of the course are gestured by the instructor.

The second lap and things are beginning to click into place and the pace increases. From then on in, the pace is fast and the instructor allows you to open up all the horses where safe to do so. The track is fast flowing with a great variety of corners to test your skills. It was certainly daunting in places but the instructor motivates you to push on with the odd overtake permitted. Before you know it, it's your time to return to the pits to let the next lucky participant have a go.

As we each return from the track, the stories of our experiences and excitement are non-stop with the occasional pause for some refreshment.



GARY MILLER aka "THE STIG!"
"Some say in his spare time he's a Commissioning Engineer, all we know is...he's called the STIG!"



Continued on page 4

AIRTECH PREMIER LTD 5TH ANNIVERSARY CELEBRATIONS – CONT'D

Then it's time to go again in the second vehicle of choice... this being for a few of us, an Ariel Atom. If you do not know what one of these looks like then I can only describe it as a Go-Kart on steroids. To quote Jeremy Clarkson, "This is driving Nirvana! You can forget anything you've ever driven, anything. There is no car, nothing on four wheels, that is as fast as this." His face says it all.....



**JEREMY CLARKSON
IN AN ARIEL ATOM**

As you walk over to it, you're filled with both excitement and nerves. There is no need to open any doors, just jump in over the top like 'Starsky and Hutch'. The instructor warns of the ferocious appetite for speed that this vehicle has. It has 230BHP and weighs as much as a shopping trolley. Once strapped in safely you get the green light to hit the starter button – the engine explodes into life as if it's sitting on your lap. As you exit the pits you short shift up the gears and into sixth, only to go quickly back down them as you brake for the Hammer Head. On the exit of the Hammer Head you are instructed to stick the gear lever into fifth and squeeze the throttle. The acceleration is brutal even in the higher gears and what are normally classed as 'straights' just become bits of tarmac that get in the way of the corners. The effortless demeanour in which this car disposes of anything in its way is mind-boggling.

After all our driving experiences had been fulfilled it was time to jump into the Vauxhall Monaro with the professional driver. As if our senses hadn't been battered enough, this was going to take us over the edge. We piled into the vacant seats to find a lad in the driving seat who looked barely old enough to have even passed his driving test! He fired up the big V8 engine and launched us, literally, out of the pits and onto the circuit. We had to scramble to hold onto whatever parts of the interior we could. The pace and complete ease in which driver and car are going is mesmerising. The car and driver are ticking like a metronome as we hit the fastest part of the circuit. The driver changes up the gears as the road races behind us. Any normal person would have started braking yesterday but not this guy, he changes up a gear. I see 165MPH indicated on the clock as finally he starts braking for the very fast approaching corner. All too soon the experience is over and we are quickly back in the pits with much nervous laughter.

A select few that didn't have enough punishment for the day, decided to go out with a professional driver in another Ariel Atom, this time with 350BHP. Clearly the normal Atom isn't fast enough. It's safe to say they all returned jittering wrecks but very proud to have been "man enough to have a go."

Once everybody was beaten and ready to surrender, it was time to head back to recharge. After a stint in the hotel bar, we finally made it to the Thai Terrace for a sumptuous meal and to recount our stories and experiences of the day.

The night concluded, by cutting some shapes on whatever dance floors we could find in Guildford. I'm sure we were a hit with the locals but to be honest, none of us can remember!

We would all like to thank Steve Ashcroft, Dave Tye and Andrew Watkin of Airtech Premier Ltd for all their hard work and efforts over the last 5 Years, and to congratulate them on this professional landmark.

Thank you for providing us with a truly unforgettable day.

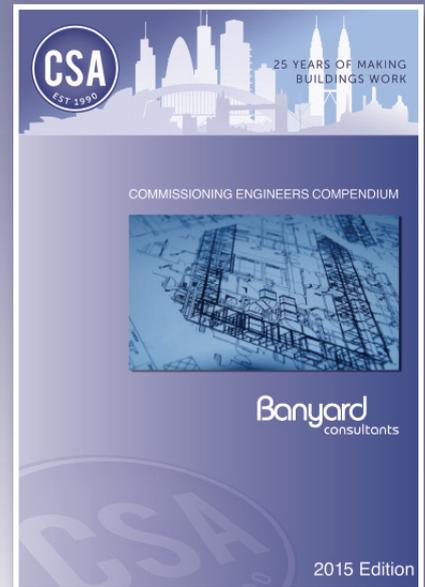
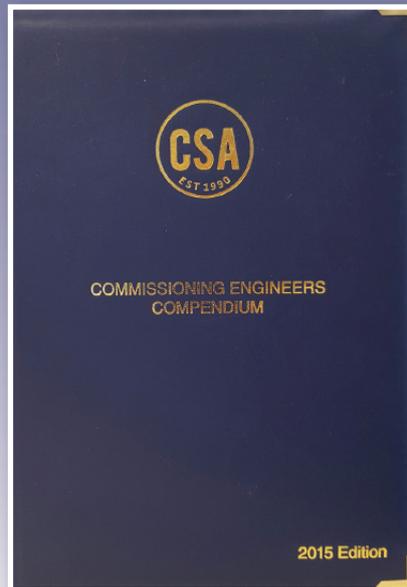
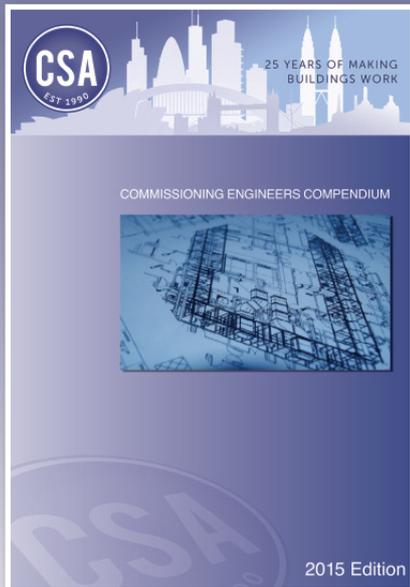


CSA NEW COMMISSIONING ENGINEERS COMPENDIUM 2015



HAVE YOU PLACED YOUR ORDER YET?

25 YEARS OF MAKING BUILDINGS WORK



This 2015 revised edition, prepared by the Commissioning Specialists Association, is produced for members by members who have many years experience of working within the commissioning and allied industries.

As will be appreciated the building services industry has seen a degree of change since the first publication of the Compendium. The Building Regulations (Approved Document L2A Section 2) have now enhanced the commissioning requirements and recommend employing members of the Commissioning Specialists Association or Commissioning Group of the HVCA. So a further spotlight and recognition of the CSA. Also, with the introduction of the BSRIA "Soft Landings" process, attention is drawn to post commissioning activities, something which has not previously been to the forefront of building services.

Whilst this edition of the Commissioning Compendium has been updated the basic fundamentals remain the same. With greater access provided to various manufacturer's web sites, which contain the most up to date information, some of the original content has been obsolete for some time and is now deleted. References to other publications.

The Commissioning Specialists Association are the representative body for building services commissioning and from whom further information is available. *Personalised copies with your Company logo printed on the front cover are available (minimum order 10) and we have a limited number of the faux leather special edition. To order your copy go to www.csa.org.uk—click on the compendium on the Home Page or call the CSA office 01403 754133.*



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Chairman's Thoughts



25 YEARS OF MAKING
BUILDINGS WORK

Rather than having a Chairman's rant or a Chairman's say – I feel like 'Chairman's Thoughts' is more apt at this time.

Today, 11th November, a two-minute silence was observed across the UK to remember the nation's war dead on Armistice Day.

This made me think that every now and then – in this ever increasing fast paced world of construction and contracting, ever decreasing programme times, very tight PC dates, general work and life stresses – we do need to stop and think about our families, friends and loved ones and to also support and help your fellow engineers if and when they need it.

We are a service business and our industry is based on people and we all need to remember that.

This is highlighted with the CSA – our Association – it is based on people and brings together different companies, people and now even continents.

For the past 25 years, people have given up their valuable time and effort to support the Commissioning Specialists Association – to raise the profile of our industry, to develop training, produce technical guides including our New 2015 Engineers Compendium, to get involved with and define industry standards. Everyone involved has given so much, to make our Association what it is today.

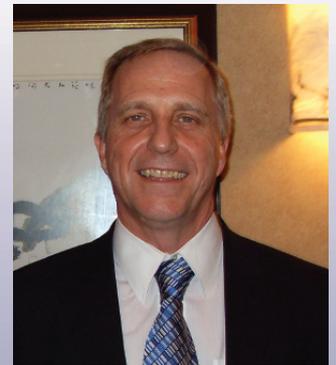
We still need that support and we do appreciate that everyone is always busy – but you are what makes our industry unique and great. By pulling together, communicating and supporting each other we can influence the clients, the main contractors, the builders and the consultants to listen to us. To improve, not just the commissioning process but to make the whole process smoother which, in turn, will result in a happy client and a properly commissioned building.

So, if you ever have any particular comments, thoughts or concerns please let us know and together we can help to resolve them.

Whilst on the subject of people I am really pleased to welcome to the CSA office team, Filomena Vitale and Jo Fowles!

I would also like to take this opportunity to say a special thank you to both John Coppin and Paul Brown, both of whom have announced their intentions to step down as the Chairman of the Technical Sub Committee and the Training Sub Committee respectively.

John Coppin, who has chaired the Technical Sub Committee since 2006, will retire from the Chair but will still remain an active member of the committee – for which we are all grateful. John has given so much to the CSA, but is truly leaving his post on a high with the production of the New 2015 Engineers Compendium – thank you!



Paul Brown took over as Chairman of the Training Sub Committee in 2007 and as Chair has overseen a complete overhaul of the Distance Learning Courses, been heavily involved in the Grade 4 Exam – both producing it, developing it and marking the papers and has helped to push forward with the online training.

Thank you both so much.

Andrew Watkin – CSA Chairman
& Director Airtech Premier Ltd

Celebrate at the 2016 CSA Awards

17th June 2016, Copthorne
Effingham Park Hotel,
Gatwick



Nominate today!

CSA Awards, 17th June 2016
Cophorne Effingham Park Hotel



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HOTEL

Celebrate at the
2016 CSA Awards

17th June 2016, Cophorne
Effingham Park Hotel,
Gatwick



2016 CSA Awards nominations are open!

The Commissioning Specialist Association invites you to nominate companies or individuals who have successfully promoted best practice, innovation and achievement in commissioning, energy saving, sales growth, customer care and service provision in this dynamic industry.



Seven awards are up for grabs at the 2016 event.

Innovation in Commissioning

- Project of the Year
- Commissioning Provider of the Year
- Investment In Training
- Student of the Year
- Engineer of the Year
- Lifetime Contribution

The Cophorne Effingham Park Hotel will once again play host to the gala dinner and awards ceremony. Built around an historic and charming country house set in 40 acres of picturesque parkland, the hotel is situated just a short distance from Gatwick International Airport.



To make a nomination, visit www.csa-awards.co.uk.

"The inaugural CSA Awards have proved to be an excellent and enjoyable forum in which to celebrate business and professional excellence right across our industry and what a great way to help celebrate our 25th Anniversary Year and '25 years of making buildings work'. I am really pleased with the extremely positive feedback and overall reaction to the 2015 Awards, which has been incredible. I cannot wait to host an even bigger event in 2016!" – Andrew Watkin, CSA Chairman

If you would like to know more about the CSA Awards 2016 or have any questions, you can contact us by:

Phone: 07785 290034 Email: andrew@touchwavemedia.co.uk Web: csa-awards.co.uk



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