

# Index

o SPRING | o 2018

Newsletter of the  
Commissioning Specialists Association

PROFICIENT PROFESSIONAL COMMISSIONING



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## Celebrate at the 2018 CSA Awards

14th June 2018,  
The Mermaid, Puddle Dock,  
London EC4V 3DB

Ashford

BSRIA  
Instrument Solutions



Johnson  
Controls



MBS

VEXO

MEDIA  
CONTROL



Andrew  
Reid



## New Technical Memorandum

### TM7— Commissioning of Steam Systems

Originally written by Ron Oughton and edited in 2017 by Peter Davey this 26-page Technical Memorandum covers a range of items including; guidance, checklists and safety considerations, system check, physical and thermal properties, condensate distribution systems and many more.

TM7 is available free to members via the CSA website using your username and password and is available to non-members for £24. The Technical Sub-Committee have worked extremely hard and are continuing to update a variety of technical memorandums and guidance notes. To see what is currently available please visit:

[www.csa.org.uk/commissioningspecialistsassociation/file/technicalmemorandums.php](http://www.csa.org.uk/commissioningspecialistsassociation/file/technicalmemorandums.php). For Technical Memorandums alternatively you can find the Guidance Notes at: [www.csa.org.uk/commissioningspecialistsassociation/file/notes.php](http://www.csa.org.uk/commissioningspecialistsassociation/file/notes.php)

## NEW MEMBERS *We would like to welcome the following new members to the Association.*

**CORPORATE:** All Counties Commissioning Limited, Berkshire

**ASSOCIATE:** Aircal Limited, Buckinghamshire, GST Building Energy Efficiency Services, Dubai, Elements M & E Contracting Limited, Essex

**INDIVIDUALS:** Jessie P Amar, Will Finch, Harry Loveday, Nathan Hulcoop, Luke Hewitt, Darren Kerr, Kevin Monaghan, Mikolaj Idziak, Jack Dickinson, Jason Cook, Kori Sampson, Daniel Wright, Jake Boyland, Connor McCann, Michael Chilvers, Stephen Gregory, Selvaraj Mariappan, Frederick Alconcel, Genmer Silva, Christian De Castrol, Graham Rothwell, Amir Shaik, Benedict Morelos, Eleazar Dumaguing, Haithem Ibrahim, Jithesh Kumar.

**INDIVIDUAL ASSOCIATES:** Mohammed Abdul Baqui



# Jules' News

## IMPORTANT DATE FOR YOUR DIARY

**Celebrate at the 2018 CSA Awards**  
 14th June 2018,  
 The Mermaid, Puddle Dock,  
 London EC4V 3DB

**W**e would like to invite you to join us at the CSA 28th Annual General Meeting on Thursday 14th June 2018 at 4.00pm in the Queenhithe Suite, The Mermaid, Puddle Dock, London EC4V.

This is the biennial change-over of the CSA Chairman and Vice Chairman. Our current Chairman of 3 years, Andrew Watkin of Airtech Premier Ltd hands-over the reigns of Chairman to Mark Todd of Ashford Environmental Services Ltd and Roy Tyler of Media Control will be taking over as Vice Chairman.

The AGM will be presented by Andrew Watkin and Mark Todd who will highlight the successes of the past 12 months as well as focus on plans and key objectives for 2018/2019 – the CSA's 29th year of operations. Each sub-committee Chairman also reports on their committee.

The Gala Awards evening follows (tickets available @ £130.00 + VAT each or £125.00 + VAT each for tables of 8/10). A Drinks Reception will start the evening at 7pm in the Lower River Room with Canapes and the Banquet and Awards Ceremony will be held in the Upper River Room with after dinner entertainment. Press Releases will regularly be on our website and all social media regarding the Gala Awards.

Please contact the CSA office if you wish to reserve a table or even just one ticket 01403 754133 or click on the CSA Gala Awards website: [www.csa-awards.co.uk](http://www.csa-awards.co.uk)

### GRADE 4 EXAM – 12 MAY 2018

*The next Grade 4 Exam will be held on Saturday 12 May 2018 . If you wish to take this exam, please e-mail & confirm to [office@csa.org.uk](mailto:office@csa.org.uk)—You will then receive a copy of the Mock Grade 4 Exam paper.*

### GRADE 5 THESIS – PASSED 2017

*Well done to all those listed below who passed their Grade 5 Thesis:*  
**Thomas Dunn**  
**Nick Boardman**

### Distance Learning Courses – A, B & C

*Well Done to all those listed below who have recently passed the DLCs:*

DLC A	DLC B	DLC C
Paul Foran	Dean Brinton	Bradley Bonnick
Brian Matthews	Dylan Prescott	Declan Riley
Richard Thurley	Daniel Hayes	Robert Stone
Joe Walker	Shane Whitehead	
David Truman	Chris Moran	
Anthony Byron		
Paul Floody		
Chris Connelly		
William Delaney		

### OVERDUE – CSA MEMBERSHIP SUBSCRIPTIONS 2018

*You all would have received your annual subscription renewal invoices at the end of December last year for 2018 and for those of you who have not yet paid, please do so now, as you will be receiving a call from myself, Jo or Tracey chasing payment. You can pay by debit/credit card over the telephone or direct by bacs.*

*We plan to start lapsing those members who have not paid—so please keep supporting your association and keep your membership current.*

# Air Balancing Kits



DP Measurement now offer a unique range of products that enable engineers to measure velocities from 0.27 to 50.0 m/sec, volumes from 2 to 1000 l/sec and pressure from 0.06 to 5000 Pa.

The TT Series Micromanometer, used with other dpm products, enables accurate readings to be taken across these full ranges.

## dpm Ane™



**DP Measurement have now been granted European and US patents for the unique design of the dpm Ane™**

The dpm Mini Hood Kit 2, includes the dpm Ane™, Circular hood, Rectangular hood, dpm Ane™ head adaptor and carrying case. This versatile kit is ideal for measuring air flow from small vents and allows readings as low as 0.27 m/sec and 2 l/sec to be recorded when connected to a TT 550 Series Micromanometer.

**The dpm Ane™ is £95.00 excluding VAT.**

**The Mini Hood Kit is available from £145.00 excluding VAT.**

## dpm Air Balancing Kit 2



The new dpm Air Balancing Kit 2 provides accurate volume measurements from 5 to 1000 l/sec (18 to 3600 m<sup>3</sup>/hr).

The redesigned base unit now includes ergonomic handles, a hinged Micromanometer housing and a transparent front panel on all hoods.

The standard dpm Air Balancing Kit 2 includes the TT550 (V) Series Micromanometer, dpm Ane™, Tubing, Adaptors, Neck Sling, Base Unit, 600 mm x 600 mm Canvas, 600 mm x 600 mm Frame, Set of Poles, Low Volume Adaptor Plate, Airflow Straighteners and Wheeled Carrying Case.

**The price for this kit is £1495.00 excluding VAT.**

A wide range of hoods are available as optional extras for this kit; 300 mm x 1200 mm, 300 mm x 1500 mm, 600 mm x 1200 mm, 900 mm x 900 mm, 400 mm x 400 mm tall and 400 mm x 400 mm short.

## dpm Low Flow Kit



The Low Flow Adaptor Kit includes a 400 mm x 400 mm frame, short canvas and a set of pole.

Fitting the Low Flow Kit to the dpm base unit allows volume readings between 5 and 25 l/sec (18 to 90 m<sup>3</sup>/hr) to be taken.

**The price for this kit is £295.00 excluding VAT.**



Manufactured in UK

In the interest of product development and improvement DP Measurement reserve the right to amend specifications and discontinue models, features and colours of the TT Series Micromanometers and dpm Hood at any time without prior notice.  
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### DP Measurement

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## Chairman's Say

### Celebrate at the 2018 CSA Awards

14th June 2018,  
The Mermaid, Puddle Dock,  
London EC4V 3DB



So far this year we have had the ongoing Brexit saga, terrible weather (although it has recently brightened up), Carillion going into Liquidation, tensions in North Korea, the Salisbury nerve agent poisoning, the Syria bombings, Donald Trump and Manchester City winning the Premier League.

In a few months it will also be the end of my Chairmanship. I have really enjoyed the last three years as Chairman and would have happily stayed on in the role – but it's now time for someone new to take over and Mark Todd will be taking over as Chairman at our AGM in June, supported by Roy Tyler as Vice Chair.

I honestly did not know what to think or expect when I first took over and wondered how I would fill the shoes of the previous chairmen which included some well-known and respected members of our Industry who really helped to push the CSA forward – including names such as Nick Till, Roger Carlin, Neil White and Matt Ward.

In the early days of my tenure with the support of Julie in the office and Nick Ward at the end of the phone, the initial fear and trepidation gradually faded and by being myself and always trying to do the right thing and for standing up for what I believe in – the role got easier.

I have got to know some great people and businesses, and these include Charles Keel and everyone at MBS, Andrew Castle and Hannah King of Touchwave Media, Alan Gilbert of BSRIA instrument solutions, to name but a few – they have all been long standing supporters of the CSA.

I have also been very lucky and privileged to have been invited to some wonderful events during my time in the Chair and these have included the Annual BSRIA Briefing, the BCIA Awards in Birmingham, the CIBSE Building Performance Awards and the CIBSE Board Dinner. Thank you to everyone who invited me!

I didn't really want this to turn into an Oscars style speech – but I really cannot stress how supportive everyone has been and how much I have enjoyed my time as Chairman.

During these last three years we have welcomed many new faces to the Association, whilst retaining the experience of our long standing members.

We have also had many exciting developments and these include reforming the Management Committee to help plan the finances and long term objectives of the CSA, we have successfully launched the Commissioning Management Course – thank you to Matt Ward who helped to instigate this in the early days and for Tony Anderson who put a huge amount of effort in with the material and of course thanks to Glenn Hawkins of Clear Construction for delivering the courses. We have established the GCC Chapter in the Middle East and thank you to Andrew Lawlor and his team for making this the success it is, the Northern Chapter is still in its early days – but again I am sure this will continue to grow and expand our presence in the North.

Also thank you to everyone at Airtech Premier Ltd, who have also supported me and given me the time to carry out my role as Chairman.

Last but by no means least – I have to thank Julie who has held the Association together for the last 18 years and without her support I would really have struggled. Thank You! Thank you also to Jo and Tracey in the office – their tireless work often goes unnoticed – but they have also been great to me and we have also had a good laugh along the way as well!

Thanks again to everyone and also to those who I didn't mention. I look forward to seeing many of you at the AGM and then the Gala Awards.

I was trying to think of some inspirational quote to finish off with – but after everything I have been through these last few years – with the loss of a loved one, my various cancer battles, it has made me realise how short and precious life is and also how you can achieve anything you want as long as you try your best and have the love and support of your friends and family – so Don't Worry, Be Happy!

# AN INTRODUCTION TO MARK TODD CSA CHAIRMAN DESIGNATE



The CSA Chairman is a role not to be undertaken lightly. It involves not only overseeing the association but also bearing in mind and actively working on processes to benefit members, optimising the association's profile within the industry, maximising training opportunities and ensuring said training is of the best possible standard, and the overarching running of the CSA in its day to day operations. The chairperson has the responsibility of elevating the industry's working processes, guidelines, and underpinning the foundations of its prestige.

Mark Todd, Director, Ashford Environmental Services Ltd, has been chosen to lead the association into its approach to its third decade. He is a veteran of the industry and as with many Commissioning Engineers, he found his career through a contact of a contact. In the last twenty years he has worked through the ranks, from tools, to mid-level management, to directorship and a well respected one at that; Mark's tenure as Director at AES Ltd has been a mere two years but in this time, he has won high profile contracts and guided lucrative projects in order to build the company alongside his counterparts. He has consciously and conscientiously forged his way up the ranks of the industry, always keeping in mind his ideology of how the trade can and should be. In the following interview we glean a little more of what is to come and an insight into the future of the CSA.

## **Mark, what made you put yourself forward for this role?**

Since I joined the Technical Sub Committee, roughly ten years ago, I set my sights on the chairmanship. I always felt that my passion and commitment to the industry would serve the post well. I have a vision for what we can achieve and accomplish with the right direction, guidance, and imagination. The previous chairmen have been great men, men who have led us and served us very well, and in my investiture and subsequent leadership, I intend to follow that tradition.

## **So what can we expect in the next two years?**

My goal is to assist CIBSE in the potential re-drafting of the Commissioning Codes A and W, primarily. I'd like to see the northern and middle eastern chapters' involvement and profile augmented so that membership can be increased and give those areas a real voice. It's important for me to be as widely inclusive as possible, to give every section of our association the representation it requires so we can maximise our potential as a whole.

## **What are the issues facing the industry at large, in your opinion?**

The main problems we as Commissioning Engineers face are the lack of time on projects, by which I mean we are the last to come in and have the least amount of time to execute our job. We frequently have to deal with incorrect installations and also we have little to no involvement at the design stage. I'd like to see Commissioning firms have greater consideration in these areas, for example; tutoring installation contractors to leave the site in a condition appropriate to the commissioning engineers' requirements, and have a necessary input into the pre-build, ie, the commissioning study.

## **You've mentioned training; how'd you propose to improve this?**

Training Commissioning Engineers is already a good and comprehensive programme but I think that including the management and planning of projects would improve our staff's potential. We need to have a continual and progressive approach to our training, we should always be looking to future proof our people and give them the right tools to handle the unforeseeable.

## **So what is your final message for the CSA and the commissioning industry before you are inaugurated at the CSA AGM in June this year?**

Well obviously I'd like to thank the outgoing chairman, Andrew Watkin, for all he has done for us. He's steered the CSA through the last couple of years, maintaining a stable and reliable path and his wealth of knowledge and experience is always insightful and something I've learnt many valuable lessons from. Thank you, Andy, you're inspirational and I can only hope to measure up to your legacy. I must also say that I am looking forward to working with the CSA's core staff, Julie, Jo, and Tracey; their commitment to the association is not to be underestimated and I hope to include their opinions and decisions in a more active way in the future. Roy Tyler is someone who I have not yet worked with but it's something I'm very much looking forward to as well. I know the role of the Vice Chair and I am sure I can pass on a few anecdotes and tips!

Thank you, Mark. It's been an absolute pleasure to interview you about your incumbent Chairmanship.

Mark Todd can be contacted via [office@csa.org.uk](mailto:office@csa.org.uk). Any comments or questions are welcomed and will be answered directly.

# The CSA Awards are back and calling for your entries!



*It's your chance to prove to peers, clients and competitors that you're at the top of your game!*

Building on its past success, the 2018 CSA Awards Ceremony will be moving to The Mermaid - its new home in the City of London.

For anyone involved with '**commissioning**', this awards programme provides the perfect platform to get your achievements noticed.

**Entry is easy and completely free of charge.**

Just visit [www.csa-awards.co.uk](http://www.csa-awards.co.uk) to complete an online entry form... and if selected as a Finalist, enjoy some fantastic publicity.

Experience amazing hospitality, celebrate with colleagues, network with peers and be part of the commissioning industry's best celebration.

**The date: Thursday 14th June 2018.**

## THE CATEGORIES

- Project of the Year
- Commissioning Management Award
- Product Innovation of the Year
- Commissioning Provider of the Year
- Investment in Training Award
- Student of the Year
- Engineer of the Year

## 2018 EVENT CALENDAR

**NOMINATIONS  
ARE OPEN**

**NOMINATIONS  
CLOSE  
17 April  
2018**

**JUDGING  
SESSION  
2 May  
2018**

**FINALISTS  
ANNOUNCED  
7 May  
2018**

**WINNERS  
ANNOUNCED  
14 June  
2018**

## 2018 EVENT PARTNERS

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Instrument Solutions



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MBS  
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# CSA INTRODUCTION TO COMMISSIONING MANAGEMENT 2-DAY COURSE

With an already established and renowned portfolio of training courses, the CSA has constructed the 'Introduction to Commissioning Management' course to give real life insight and guidance to the Commissioning Management Process. This 2-day course is split into 8 sessions, providing exercises to assess and guide Delegates through specific activities. Each session contains:

- the source material
- detailed guidance through the process
- an interactive session "exercise" to end each session

On successful completion of all 8 sessions each delegate will be awarded a CSA Introduction to Commissioning Management certificate and CSA members who are a Grade 5 and have the relevant path of development experience would then be able to apply for their Grade 6.

## An Overview of the Training Course

### Day One

- Project delivery in the 21st Century built environment
- Commissioning: what is it and why it is important?
- The commissioning process for a construction project
- Management of the Commissioning process
- The commissioning management specialist
- Getting started on the project
  - Forming a commissioning team
  - Producing a commissioning plan
  - Commissioning team administration
- Commissioning-focused design reviews
- Programming commissioning activities

### Day Two

- Factory acceptance tests
- Preparation for site-based commissioning works
  - Pre-start commissioning workshops
  - Production of pre-start documentation
- Monitoring and controlling commissioning works on site
  - Tracking Commissioning activities
  - Verifying and documenting commissioning works
- Project handover and close-out
  - Producing a final project commissioning report
  - Initial occupation support

*For further information and to express interest in attending this important training course, please contact Julie Parker or Joanne Rowe at the CSA on +44 (0)1403 754 133 or by email at [office@csa.org.uk](mailto:office@csa.org.uk).*

### Course Location

In keeping with its other training programmes, this course will be conducted at the CSA offices in Horsham, West Sussex.

### Course Dates

(Course dates 2018 — 18/19 July 2018)

### Course Pricing

This unique 2-day course is priced at £600.00 + VAT for CSA Members and £700.00 +VAT for non-members.



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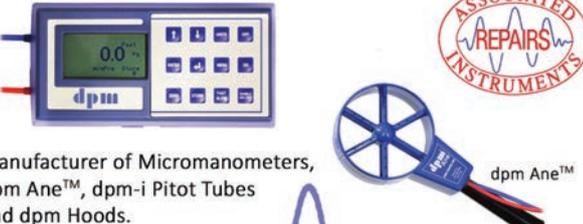


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At Pureflow we pride ourselves on working as one team, with support provided at every level. All operatives are technically trained via our memberships to the Commissioning Specialists' Association and BSRIA, as well as on safety matters via our CHAS accreditation, all of which ensures that the knowledge and service provided is absolutely the best there is to offer on the market.

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