

# CSA



## Index

CSA SOCIAL MEDIA #CSAHORSHAM OR #COMMISSIONING

SAVE THE DATE CSA GALA AWARDS  
**10TH OCTOBER 2024**

THE GRADE 4 EXAM IS  
NOW LIVE ONLINE SEE  
PAGE 6 & 7 FOR ALL THE  
NEWS AND UPDATES

CSA WINS! CIBSE AWARD



*This Edition is sponsored by:*



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

**Individual Members:** Glyn Whitehouse, Archie Stubbs, Alwaleed Mohammed Abadi, Mohammed Parvez Alam, Rashed Mahmoud Farhan, Val Zaraspe, Afid Ullah, Mohammed Waseem, Elsayed Saleh, Mohamed Talal Al Rifai, Karnan Muthaiyan, Ahmed Sayed Abdalla, Said Muhammed Shanas, Harry Albances, Daniel Johnson, Jengis Clarke, Saul Jones, Luke Beardsell, Tom Davidson, Tom Etheridge, Thomas Davison, Luke Beardsell, Jengis Clarke, Daniel Johnson, Saul Jones, Jay Bell, Mazen Abdulrazik, Hafiz Haseeb, Rivin Varghese, Sam McCrae, Yasir Nalakath, Sandeep Surendren, Hamsa Maideen, Arturas Gasiunas, Alex Lynch, Lewis Barham, Mohammed Ramzad, Ibrahim Sikkandar, Akhil Suresh P.S, Jazz davies, Jack Shand, Max Murphy, Liam Judd, Andrew Spencer, Ben Hardman, Peter Fleming, Sean Grzaskow, Josh Akester, Jay Mellijor, Lee Suckling.

**Associate Members:** Sentinel Performance Solutions

**Corporate members:** ComxM Ltd



## SERVICES PROVIDED:

- HVAC Testing & Commissioning of Ventilation, LTHW, CHW & DHWS
- Ductwork Cleaning

## WRITE UP:

The recently finished project at MBDA Bolton involved a comprehensive range of services aimed at ensuring the optimal performance and efficiency of the facility's essential systems. The project primarily focused on testing and balancing all ventilation systems, as well as the LTHW (Low Temperature Hot Water) and CHW (Chilled Water) systems. Additionally, thorough ductwork cleaning was carried out to enhance indoor air quality and system effectiveness.

The testing and balancing of ventilation systems were crucial in ensuring proper airflow distribution and ventilation effectiveness throughout the facility. This process involved adjusting air supply and exhaust rates to achieve the desired air quality and comfort levels.

The LTHW and CHW systems play a vital role in maintaining the temperature control and comfort within the building.

By conducting testing and balancing services on these systems, the project aimed to optimize energy efficiency and ensure consistent heating and cooling performance.

Furthermore, the ductwork cleaning was essential for removing accumulated dust, debris, and contaminants from the ducts, thus improving indoor air quality and system efficiency. Clean ductwork helps prevent air flow restrictions, reduces the risk of airborne allergens, and enhances the overall performance of the HVAC system.

Overall, the project at MBDA Bolton exemplifies a proactive approach to facility maintenance and management, ensuring that the ventilation, heating, and cooling systems operate at peak performance levels while maintaining a healthy indoor environment.

**For all your commissioning needs please contact:**



## COMMISSIONING & WATER TREATMENT SERVICES

Jack Nixon 07976 500044  
[jwncommissioningservices@gmail.com](mailto:jwncommissioningservices@gmail.com)

**Jack Nixon** – Managing Director JWN



# ROYAL BOLTON HOSPITAL

## NEW MODULAR

## THEATRES SERVICES



### SERVICES PROVIDED:

- HVAC Testing & Commissioning of Ventilation, LTHW & CHW Systems
- Closed System Water Treatment – LTHW, CHW & DHW Chlorination

### WRITE UP:

The completed project at Royal Bolton Hospital focused on the installation and commissioning of new Modular Theatres, with a comprehensive scope of work aimed at ensuring the efficient operation and performance of the facility's critical systems. The project involved testing and balancing the new Theatre ventilation systems and pressure regimes, as well as commissioning the LTHW (Low Temperature Hot Water) and CHW (Chilled Hot Water) systems.

The testing and balancing of the Theatre ventilation systems and pressure regimes were essential to optimize air quality and circulation within the new Modular Theatres. By adjusting airflow rates and pressures, the project aimed to create a comfortable and safe environment for patients and staff.

Commissioning the LTHW and CHW systems involved verifying the functionality and performance of the heating and cooling systems. This process ensured that the systems were operating

at their optimal levels, providing reliable temperature control and comfort for the hospital's occupants.

In addition to the HVAC systems, the project included full water treatment works, including the flushing of the LTHW and CHW systems, as well as DHW (Domestic Hot Water) chlorination. These water treatment processes were essential for maintaining water quality, preventing corrosion and bacterial growth, and ensuring the safety and efficiency of the hospital's water systems.

Overall, the completion of the project at Royal Bolton Hospital's New Modular Theatres demonstrates a commitment to providing a safe, comfortable, and efficient healthcare environment. The thorough testing, balancing, and commissioning of ventilation and water systems are crucial steps in ensuring the quality and reliability of the hospital's infrastructure.

**For all your commissioning needs please contact:**



### COMMISSIONING & WATER TREATMENT SERVICES

Jack Nixon 07976 500044  
[jwncommissioningservices@gmail.com](mailto:jwncommissioningservices@gmail.com)

**Jack Nixon** – Managing Director JWN



# CHAIRMAN'S SAY

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**Welcome to all our members and thanks for reading this action-packed CSA Index “Spring 2024” newsletter.**

Well, where has the past 2 ½ years of my chairmanship gone! I must say it has been a pleasure to work alongside so many knowledgeable and dedicated volunteers of our association whose time and commitment goes unnoticed for the majority, without these valued individuals our commissioning industry would not be in the current great position compared to other similar industries.

We have achieved great progress in a short time and I would like to reflect on our achievements to date giving insights to future projects that will further bolster our offerings, Firstly the Commissioning Management (CxM) training and development framework is in full swing and fully approved by the overall government governing body, we have seen an influx of CxM's attending the ITCM and working through their CxM grade 1 to 3 dissertations which in turn means that CxM's now have a route to apply for a SKILLcard, likewise with our path of development for commissioning engineers that in also aligned with SKILLcard.

This leads on nicely onto the CIBSE 2024 Building performance awards, the CSA team put the association forward for the Learning and Development category with our Commissioning Management framework.

To get shortlisted through to the final was an achievement on its own, a strong field of entries and with this being the first time the CSA had entered any type award we was not expecting to come home with the win 🏆.



Well done to everyone on the CSA team that has contributed to developing our industry, this is in recognition of the hard work and time our volunteers dedicate to making our training material the best there is.

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**Neil Burdess** – CSA Chairman & Associate Head of Commissioning @ Banyards

# CHAIRMAN'S SAY CONTINUED...

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On other fronts we have been working hard in the background to get the commissioning engineers Grade 1 to 4 exams online which has been on the CSA's agenda for a very long time, again great to announce that we have ticked this off the list, working in partnership with the BESA Academy has enabled the transmission from the traditional paper exams to a full online platform with some very clever software that means anyone can attend a CSA exam all year round 24hours per day, just contact the CSA to get started with onboarding!

In further news our technical committee alongside some selected specialist volunteers from both the older generation of the commissioning world plus some of our rising superstars have been working with CIBSE to update Code A and Code W, keep an eye out for Code A being released in the Summer and very shortly after Code W, again thanks to the CSA volunteers for all your hard work with CIBSE which has been well noted.

Possibly one of the largest projects the CSA team has undertaken in a long time and in full progress is developing the Pre-Commissioning Cleaning / Water Treatment engineers training and development framework, similar to the issues we have seen in the commissioning sector with Industry Accredited SKILLcard's being removed from Dec24, the CSA team recognised that PCC/WT sector which for obvious reasons is critical before systems can be commissioned / buildings handed over do not have an all-encompassing training and development framework. I'm please to report that the CSA team along with some industry specialists are progressing well with this development

that follows our accredited commissioning framework, as soon as possible we will have a grading system, path of development, job descriptions, distance learning courses and online exams for this specialist sector.

We have various other projects ongoing, I won't go into too much detail but in brief we are working on:

- Refreshing our Distance Learning Courses, making these online friendly and future proof
- Advanced CxM course
- CSA Compendium update
- Working with a panel of experts on Commissioning requirements associated with the Building Safety Act
- Domestic Water commissioning guide in partnership with BSRIA
- Retro commissioning guide
- CSA Seminar for 2025
- GCC/UAE development

Lastly look out for some news on the 2024 CSA awards, again more hard work going on in the background to further enhance our awards which takes a great deal of pride in bringing together the commissioning industry each year, to celebrate achievements across the sector.

So, with 6 months to go I'm looking forward to handing over to the talented hands of Keith Barker who will be taking over the reins, I can take a little back seat as past chairman, but won't be going far and will still be supporting the CSA if they will still have me! 😊

Hope you are all looking forward to the lighter nights and summer around the corner.





# TONY ANDERSON

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**It has only been a few months since our last Index update, however, with so much to update you on we have split these into different headlines below!**

## GRADE 4 EXAMS ARE NOW ONLINE!

Those who have seen the CSA press releases and the CSA emails will already know that we have successfully commenced the phasing in stage of the Grade 4 Technical & Theoretical exams in the middle of February!

Everyone that was already registered for the May 2024 exam have been contacted by the CSA regarding the online exam process and the registration details are complete.

### **Do you want to sit the Grade 4 exams?**

If you would meet the CSA Grade 4 criteria and want to sit the Grade 4 exams, please send an email to the CSA office ([office@csa.org.uk](mailto:office@csa.org.uk)). To help expedite the process the enquiring email should contain:

- Your full name
- Confirmation you are a current CSA grade 3 with at least 7 years testing and commissioning experience
- Your preferred contact email address
- Your current CSA membership number

This allows the CSA to verify the exam criteria requirements are in place. Once verified, the CSA will then commence enrolment online and will email you an exam help guideline.

### **DLC A, B & C online exams are ready to go!**

With hundreds of students currently enrolling on, or currently going through their DLC's – the phasing-in phase for DLC's will be staggered over a longer interval.

Over the next few months, we will be slowly phasing in the DLC exams and will keep everyone updated through the press releases and emails directly from office. This will follow the exact same process as the Grade 4 exams – we will initially contact all members currently registered for the DLC exam, then roll out the process to all new members to the DLC's.

### **Grade 5 Thesis**

To assist those creating a Grade 5 thesis and synopsis, we have created a simple DO's and DON'Ts list below:

#### **DOs ✓**

- ✓ Read the CSA Grade 5 Thesis – A Guide [https://www.csa.org.uk/Commissioning\\_Specialists\\_Association/file/PDF/Thesis/Guide\\_to\\_Grade5\\_Thesis.pdf](https://www.csa.org.uk/Commissioning_Specialists_Association/file/PDF/Thesis/Guide_to_Grade5_Thesis.pdf)
- ✓ Read the CSA Training and Career Development Handbook (Grade 5 Thesis, Page 16) [https://www.csa.org.uk/Commissioning\\_Specialists\\_Association/file/PDF/Training\\_and\\_Career\\_Development\\_Handbook.pdf](https://www.csa.org.uk/Commissioning_Specialists_Association/file/PDF/Training_and_Career_Development_Handbook.pdf)

#### **DON'Ts ✗**

- ✗ Plagiarise others content – (the CSA have also removed example thesis from website)
- ✗ Forget to list out all references within thesis and reference section
- ✗ Forget to answer your opening statement in the conclusion

### **CSA Gala Awards – category shake up!**

We are listening! Our next CSA Gala Awards event on 10th October 2024 will include a couple of changes to last year's categories. New categories will include:

- Environmental Contribution of the Year
- Project of the Year – 2 different entrance requirements for 2 different awards

The CSA will share the entrance criteria and sponsorship opportunities over the next few weeks.

More details will be provided soon!

# TECHNICAL MANAGER

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## CIBSE Building Performance Awards 2024

The CSA were shortlisted in the CIBSE BPA 2024 in the Learning & Development category for our Training Pathway of Development from Trainee through to Commissioning Management level.

We were delighted to win the award, in recognition of the CSA commitment to providing training material and courses to our members across our Pathway of Development (PoD).

Our commissioning PoD is also fully aligned with the SKILLcard colour coding grading system.

[https://www.csa.org.uk/Commissioning\\_Specialists\\_Association/file/PDF/Training\\_and\\_Career\\_Development\\_Handbook.pdf](https://www.csa.org.uk/Commissioning_Specialists_Association/file/PDF/Training_and_Career_Development_Handbook.pdf)

## What else are the CSA involved with?

The 3 main additional areas of focus.

1. **Publications:** The CSA are currently working on industry documentation and guidance through various steering groups. The 2 Codes furthest along are:
  - CIBSE Code A (Peer review Stage)
  - CIBSE Code W (Steering group Stage)

## 2. CSA Water Treatment DLC's?

We have had numerous enquiries relating to the Water Treatment creating DLC's. The top 5 questions and answers are shown below:

1. Are the CSA creating Water Treatment DLC's?  
**Yes.**
2. How many will there be?  
**The plan is to split DLC's into 3 courses – DLC A, B & C.**
3. Can I apply for a DLC now?  
**No. It's at the concept stage. The PoD is not available yet – this requires external approval before being made available.**
4. Will there be online exams for DLCs and Grade 4?  
**Yes, this is the plan.**
5. When will the DLC's be available?

**Good question. There is a process to having the DLC's available, including having the Pathway of Development in place, approved & accepted by external bodies and at that stage, we can release dates for Water Treatment DLC's.**

We are working behind the scenes on this, and more detailed information will be revealed soon.

## 3. Improved management training: We are looking to providing CM2 & 3's with an elevated training support via an Advanced Commissioning Management Course

The Advance Commissioning Management Course will also include technical walk through of commissioning processes at a site level, including practical ways to navigate through critical milestones.

Our ACMC is designed around those already in the CM field at a CM2 or CM3 level.

We are currently merging an internal test within the management coursework; more detailed information will be revealed soon.

## Commissioning Management Application Process

The CSA's Commissioning Management process is streamlined into 3 progressive stages:

- **Stage 1** – Commissioning Management focused CV & references
- **Stage 2** – Dissertation Report and Evidence
- **Stage 3** – Commissioning Management Interview

We encourage anyone considering joining the CSA's management structure to follow the CM guidance document. This guidance document details each individual process stage along with the minimal management requirements for each CM grade.

[https://www.csa.org.uk/Commissioning\\_Specialists\\_Association/file/PDF/Membership/COMMISSIONING\\_MANAGER\\_APPLICATION\\_FORM.pdf](https://www.csa.org.uk/Commissioning_Specialists_Association/file/PDF/Membership/COMMISSIONING_MANAGER_APPLICATION_FORM.pdf)



ONLINE ENTRY OPENS  
**31st MARCH**



**CELEBRATE YOUR ACHIEVEMENTS  
CELEBRATE YOUR TEAM  
CELEBRATE YOUR BUSINESS  
CELEBRATE WITH US**

# Recognising and Rewarding Commissioning Excellence

Following the success of past CSA Awards Ceremonies, 2024 will again see the sector come together in celebrating the wonderful achievements of commissioning businesses, large and small. Retaining its London location, the gala dinner will this year be held on **Thursday 10<sup>th</sup> October** at Leonardo Royal Hotel, Cooper's Row, London EC3N 2BQ.

If you or your company have something to shout about, these awards provide the perfect platform to get your accomplishments noticed. Check out the categories opposite and see which ones you will be entering! Entry is easy, completely free of charge and you can submit as many nominations as you like. 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 as we count down to the Gala Awards Ceremony.

## CATEGORIES

- PROJECT OF THE YEAR - UNDER £20 MILLION
- PROJECT OF THE YEAR - OVER £20 MILLION
- ENVIRONMENTAL CONTRIBUTION OF THE YEAR
- COMMISSIONING ENGINEER OF THE YEAR
- COMMISSIONING MANAGER OF THE YEAR
- COMMISSIONING PROVIDER OF THE YEAR
- INVESTMENT IN TRAINING AWARD
- STUDENT OF THE YEAR
- CSA SPECIAL RECOGNITION AWARD

## EVENT CALENDAR

**NOMINATIONS OPEN** - 31<sup>st</sup> March 2024

**NOMINATIONS CLOSE** - 26<sup>th</sup> July 2024

**JUDGING SESSION** - 21<sup>st</sup> August 2024

**FINALISTS ANNOUNCED** - 9<sup>th</sup> September 2024

**WINNERS ANNOUNCED** - 10<sup>th</sup> October 2024

## EVENT PARTNERS

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MAKING BUILDINGS WORK

## Introduction to Commissioning Management - 2-day training course

This world-leading training course about the commissioning process and its management is based on Commissioning Code M: Management, which was recently published by the Chartered Institution of Building Services Engineers (CIBSE) and the Commissioning Specialists' Association (CSA)

People from both the client-side and project delivery-side of the built environment attend this highly interactive course, which provides delegates with ready-to-go tools that can improve both construction project delivery and building performance. This is evidenced by this type of feedback from companies whose people have attended the course:

*Commissioning Code M has been an absolute game changer, we've adopted the whole documentation structure into our organisation*

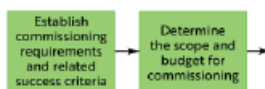
*The feedback from everyone has been excellent. A superbly delivered course on an extremely important topic*

On successful completion of the course, each delegate will be awarded a CSA Introduction to Commissioning Management certificate. Grade 5 CSA members, who have the relevant path of development, would then also be able to apply for their Grade 6 accreditation.

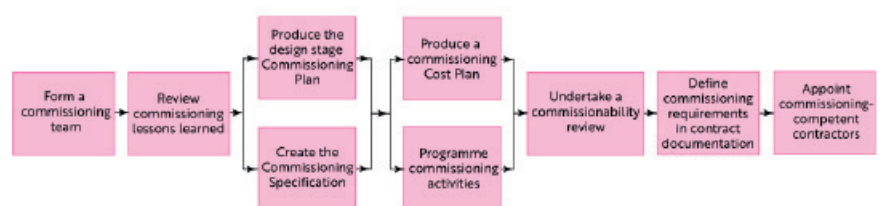
This agenda for this 2-day course is illustrated below:

### Day One

1. Project delivery in the 21<sup>st</sup> century built environment
2. Commissioning: what is it and why it is important
3. Commissioning on a construction project
4. Management of commissioning
5. Commissioning during the pre-design stage

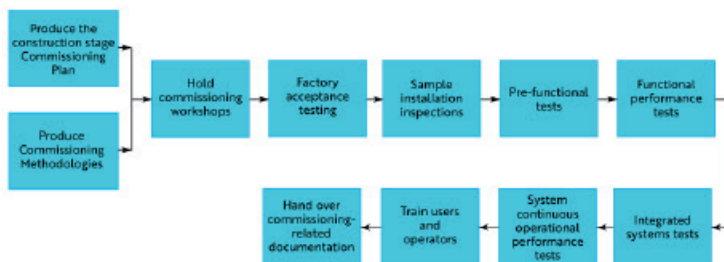


6. Commissioning during the design stage

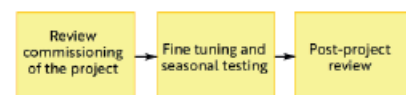


### Day two

1. Commissioning during the on-site stage



2. Commissioning during the in-use stage



### IN-PERSON COURSE DATES 2024 - (12 SPACE MAXIMUM FOR EACH COURSE)

TUESDAY 10<sup>TH</sup> AND WEDNESDAY 11<sup>TH</sup> SEPTEMBER 2024

### ONLINE COURSE DATES 2024 - (12 SPACE MAXIMUM FOR EACH COURSE)

**TUESDAY 16<sup>TH</sup> AND WEDNESDAY 17<sup>TH</sup> APRIL 2024 - FULLY BOOKED**

TUESDAY 14<sup>TH</sup> AND WEDNESDAY 15<sup>TH</sup> MAY 2024

TUESDAY 11<sup>TH</sup> AND WEDNESDAY 12<sup>TH</sup> JUNE 2024

TUESDAY 16<sup>TH</sup> AND WEDNESDAY 17<sup>TH</sup> JULY 2024

TUESDAY 20<sup>TH</sup> AND WEDNESDAY 21<sup>ST</sup> AUGUST 2024

TUESDAY 17<sup>TH</sup> AND WEDNESDAY 18<sup>TH</sup> SEPTEMBER 2024

TUESDAY 15<sup>TH</sup> AND WEDNESDAY 16<sup>TH</sup> OCTOBER 2024

TUESDAY 12<sup>TH</sup> AND WEDNESDAY 13<sup>TH</sup> NOVEMBER 2024

TUESDAY 10<sup>TH</sup> AND WEDNESDAY 11<sup>TH</sup> DECEMBER 2024

### Course Pricing

**This unique 2-day course is priced at £710.00 +VAT for CSA Members and £900.00 +VAT for non-members. (PLEASE NOTE, A 25% CANCELLATION FEE APPLIES IF YOU CANCEL YOUR PLACE 10 DAYS BEFORE THE COURSE START DATE.)**

For further information and to express interest in attending this course, please contact Kate McIntyre or Joanne Rowe at the CSA office by email at [office@csa.org.uk](mailto:office@csa.org.uk).



# VICE CHAIRMAN'S SAY

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## With abject apologies to the Four Seasons, Oh! What A Night!

Everyone in the commissioning industry knows – or they should do – what a great job the CSA has done in terms of training and development over the past three decades. However, to have that hard work and dedication recognized at such a prestigious occasion as the CIBSE Building Performance Awards really, really shows how the CSA's efforts are now being appreciated by a much wider audience.

Putting our award to one side for a moment, it was a magnificent evening all round. The Plaza Hotel (Westminster Bridge) is quite a venue and to see 800 or so people from across the construction industry gathered to celebrate the awards was quite something. The depth of talent on display from the many organisations that had submitted entries just goes to show that however deep the doom and gloom reported in the national news media channels, there are an awful lot of clever and hard-working people in our industry.

I'll also let you into a little secret. You all know what an ancient relic I am (I can remember the Four Seasons 'Oh What A Night' release in 1963). Well back in the 1970s what is now that Plaza Hotel in the middle of the roundabout next to County Hall used to be an office block – and I used to work in it! No wonder they knocked it down...

So, on to the next challenge. Arrangements for the 2024 CSA Awards are well under way.

**Date for your diary – OCTOBER 10th 2024**

We are returning to the Leonardo Hotel again as it worked rather well last year – for those of you that are interested, the bar will NOT be closing at midnight this time.

After careful consideration, we have decided to change things up a bit. Our awards categories have remained the same for some years and really needed refreshing. We have changed the Product of the Year to Environmental Contribution of the Year recognise that this is probably the key aspect behind a lot of the advances that are being made in the building services sphere. We are also splitting the Project of the Year to give more recognition to those many smaller buildings that don't attract the headlines that some of the larger edifices do – it was interesting to see that there were quite a few smaller buildings and also some refurbishments in the CIBSE entries.



We are also looking at introducing further changes, but these are still in the early stages at the moment. Keep an eye out for news a little way down the line – we'll be keeping everyone fully up to date with developments. Check the advert out in this Index and start working on your entries **NOW**.

But anyway, back to the CIBSE Awards. One thing that was obvious, was that pretty much every company that paraded on to the stage included a diverse group of people. It got me thinking about the commissioning industry and how it does when measured against the current emphasis on Equality, Diversity and Inclusion. Something to consider for all of us perhaps?

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**Keith Barker** – CSA Vice Chairman



# CSA OFFICE NEWS



The office has been a hive of activity with members paying their annual subscriptions and furthering their learning and development journeys by enrolling on distance learning courses, the ITCM course and the new grade 4 online exam.

The Gala awards has been secured for 10th October 2024 at the same venue as last time The Leonardo Royal Hotel. So please make sure you reserve your table or place now and start working on those entries as time flies by and before you know another great evening will be upon us.

We have also recently attended the CIBSE Building Performance awards to celebrate the CSA being a finalist in the learning and Development category.

We are very proud to announce that we won!

This is a wonderful achievement for every single person who puts time and effort into the association and it really shows how far we have come in the last couple of years.



## DLC COURSES

Well done to everyone who passed their Distance Learning Courses:

DLC A : JOSH HOARE, ROBERT KEBBLE, JULES WYNN-JONE

DLC B : AJAY SINGH, LEWIS MACAREE, ENGIN OZCELIK, BILLY ALLEN

DLC C: JAMES RICHARDS, SAM HUMPHRIES



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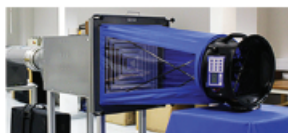
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