

project safety matters

aps association
for project
safety

Issue 09 | Summer 2019

The voice of good practice in design & construction,
health & safety risk management

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Is your Business compliant with the CDM Regulations?

The Construction (Design and Management) Regulations 2015 (CDM) comprised some of the biggest changes in construction for over 20 years. Waterman has supported numerous businesses over the last 4 years to help them stay compliant through a range of assurance and training services.

CDM assurance service

This assurance service consists of an audit of your arrangements to comply with CDM in your role as client, principal designer or designer.

Who is the service for?

The service has been created for organisations acting as Clients, Designers or Principal Designers under CDM. The objective is to give you an independent, expert view about how you are fulfilling your duties under CDM and enable you to identify areas of good practice and areas for improvement.

What does the service cover?

The assurance service consists of a review of your procedures and arrangements for fulfilling your duties under CDM. We will discuss how these are applied on existing projects. This typically takes half a day.

A report will be prepared within one week highlighting the key observations and recommendations and a follow up 'phone or skype call to discuss the findings.

Who is the facilitator?

The audit will be facilitated by Dr Nick Bell. Nick has been actively involved in CDM training and consultancy for 13 years. He previously worked as Construction Safety Manager for the largest University in the South West and has been involved in projects ranging from refurbishments to masterplan projects up to £3.2bn in value. In May 2018, Nick trained his 500th Principal Designer and routinely writes articles to help clients and principal designers to fulfil their duties.

How do I book?

Please email wietraining@watermangroup.com to discuss prices and availability for this service.

CDM refresher half day workshop

This half day refresher course covers the key developments over those four years to bring your knowledge and skills up to date.

Who is the training for?

The course has been created for Client Representatives, Designers and Principal Designers who have previously attended CDM training.

What does the course cover?

Amongst other things, the course covers:

- Enforcement action under CDM 2015
- New guidance from professional bodies
- Case studies to demonstrate emerging best practice
- Workshops to allow delegates to sharpen up their skills
- The use of BIM in helping to identify and manage risks
- A revised template to support the planning and management of the pre-construction phase

Who is the tutor?

The session will be facilitated by Dr Nick Bell.

How do I book?

The course can be delivered as either an in-house course at your own premises or an open course. Please email wietraining@watermangroup.com to discuss prices and availability.

If you book the course as an in-house option, our facilitator can provide a further half day of input. This is often used to review live projects, audit our client's existing procedures, or provide an additional half day training course (such as CDM for Designers).

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While we aim to use images that demonstrate best practice in this magazine, some are for illustrative purposes only.

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Hackathon

Bringing coders and construction experts together to ensure fire safety

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highlighting
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at height
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Considerate
Constructors
Scheme
improving
perceptions of
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industry

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National CDM and Student Awards: Shortlist Announced

APS National Conference Page 15-17

CEO's foreword

Summer is always a busy time in Edinburgh. The city fills up with visitors from around the globe, at least in part, attracted by the city's internationally famous Festival and its vibrant Fringe. It presents many challenges the Association for Project Safety highlights in this edition of Project Safety Matters. This quarter your packed membership magazine is taking a look at things close to home as well as sharing updates about what the association - and its busy band of office bearers - has been doing, often in partnership with construction colleagues, to improve safety for everyone involved in construction.



The Scottish capital, like many major UK conurbations, has construction work going on all the time. The nature of the city's topography - as well as its venerable old age - means someone, somewhere is always working at height. Even the annual Edinburgh Military Tattoo involves building a massive temporary stand on the Castle's imposing esplanade - that work has to be safely managed around visitors and despite the Castle being a working garrison! Working at height remains a persistent cause of accident and death in construction so we thought it was time to revisit the topic focussing on members' legal responsibilities.

Naturally - and, indeed, it applies to project management anywhere - that, with so much going on in an already established and historic city, there is a need to ensure that - as far as possible - construction doesn't mean the destruction of good relationships with those around us. Tidy sites are much more likely to be safe sites so, in this edition of PSM, we are also taking a look at the Considerate Contractors Scheme - not least because the principles

underpinning being a responsible neighbour are often aligned with the good practice that helps take much of the risk out of construction.

Managing risk is what APS is all about and where much of the effort of our talented top team - President Stella, Past-President Bobby and new-boy-on-the-block, President Elect Jonathan - is concentrated.

Stella is at the heart of cross-industry discussions about fire safety. It is hard to believe that, by the time you read this, we'll be commemorating the second anniversary of the Grenfell Tower disaster. There is still a lot of work going on and APS is central to both cross-industry initiatives - arranged by the Construction Industry Council - and bilaterally with other organisations. Your President is very keen to work with other professionals - as you'll see in her inspiring article and other pieces on pan-industry action. She is pushing for ways APS members can contribute to policy debates and use their skills and expertise to mitigate fire and other risks while helping alleviate the worries of

those living with concerns about their high-rise homes. Bobby is also reflecting on the marriage of traditional construction skills with new technology and how this too can be harnessed to find fire safety solutions.

There's a catchup on this year's APS awards and conference coming up on 4 September in Sheffield - look out for emails about the line-up as we get things finalised. And a round-up of activities and training events around the regions. And finally, you will find the first in a series about the people working behind the scenes at headquarters and how you can contact us about any concerns you have or any great ideas - including suggestions for future articles - you have.

Enjoy the summer special. And stay safe.

New APS certificates

Over the last few editions of Project Safety Matters, we've been telling you about changes we are making to how APS looks. In this edition we unveil our new designs for members' accreditation certificates and members' training certificates.

Accreditation certificates

You do not need to update your current certificate, however when the times comes for you to receive a new one, it will be in the new style.



Not received your new membership logo?

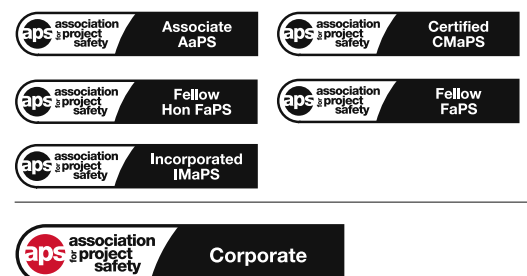
In the last edition we updated you on the new membership logos which we sent to you by email.

If you haven't received your new logo, please tell us by emailing: membership@aps.org.uk.

Please include:

- Your name
- Your APS membership number
- Your membership type (associated, certified, incorporated, fellow, corporate, etc)
- The email address you wish your logo sent to

What your new membership logos look like



Building a safer future

Two years on from the Grenfell Tower tragedy, Graham Watts, Chief Executive of the Construction Industry Council (CIC) talks about the industry's response and Dame Judith Hackett's report. He reveals the tension between competence and professional qualifications for all issues of fire safety. He also talks about the challenge of ensuring a robust regulatory framework that saves lives but does not constrain development, at a time when the UK construction industry has been tasked with delivering 300K homes each year.



October will mark the 40th anniversary of my career in the construction industry. At any time during the first 38 of those years, I would have argued passionately that the UK had the best-qualified professionals of any country in the world. I believed that our professional institutions were globally admired – why else would people from across the world aspire to become members? I also believed that the industry itself had done much



Graham Watts

to improve its act, particularly in prioritising the health and safety of its workforce.

That awful night on 14 June 2017 changed my opinion completely. I don't need to wait for the outcomes of the Public Inquiry. Anyone who witnessed the event will know that fires shouldn't burn like that. What we have learned since that dreadful tragedy is that a whole host of circumstances may have contributed to the behaviour and rapid spread of that conflagration and failings in the relevant competence across all those working on higher risk residential buildings (HRRBs) is a key part of that mix.

It is also salutary to accept that it is not just residents' safety from fire spread in high-rise towers that should concern us. Had the collapse of nine tonnes of masonry at Oxfangs Primary School, in Edinburgh (January 2016) happened on a different day, we might have been considering industry failures that killed schoolchildren. Significant concerns have also been raised by the collapse of the Nottingham City Car Park (August 2017) and the failure of large-scale concrete panels in several tower blocks in London and Portsmouth. These – and other – issues mean that it is essential for the focus to be on competence for all issues of the life safety of those who occupy and use the facilities that we construct.

It was my privilege to chair the Competence working group in phase 2 of Dame Judith Hackett's post-Grenfell Review and I was horrified at some of the complacency that I encountered during that work. I was told that weekend courses were

sufficient for some areas of complex installation expertise; one venerable professional body said that there was no fire engineering content to the courses that led to their professional qualification but that members could work on any complexity of building, unsupervised, and without the need to engage a fire engineer, immediately after they had qualified.

Chapter 5 of the Hackitt Review threw out a challenge to the industry: get your act together and come up with an improved set of systemic competences within a year, or government will mandate some imposed solution. Working with the support of the Construction Industry Council and our partner organisations, Build UK, Construction Products Association, the Local Government Association and the National Fire Chiefs Council and in close co-operation with MHCLG, I agreed to chair the Competence Steering Group, a year ago, to take up that challenge.

It has been an enormous undertaking, bringing together the largest alliance of construction-related organisations ever to work together for a common purpose. More than a thousand people have been directly involved from 125+ institutions and associations from across the construction, built environment, fire safety and building owner/manager sectors with what I conservatively estimate to be around £7m of investment. Hackitt recommended that six areas of competence should be addressed. The Steering Group extended this to twelve and set up working groups of experts to develop enhanced competence frameworks plus other

groups to look at the principles of competence and how the process should be managed by an overarching competence body.

Our final report is due to be issued in mid-June and will dovetail with the government's own consultation on post-Hackitt legislation for an enhanced regulatory regime for HRRBs and defining the roles of dutyholders. The Competence report will also be issued for consultation (with a consultative conference on 29 July) and we will look forward to the views of APS and its members in that process. The report will propose enhanced competences, firstly for the dutyholder roles that we expect to be enshrined in law (to include principal designer, principal contractor and building safety manager) and also for all others working on HRRBs (engineers, installers, fire engineers, fire risk assessors, fire safety enforcement officers, building control, building designers, site supervisors, project managers, procurement and product manufacture).

The proposed system will require these enhanced national competence standards (including assessment processes, revalidation and CPD requirements) to be governed by new British Standards and for all schemes to certify/qualify individuals against these standards to be accredited by UKAS or the Engineering Council. The whole process will be overseen by a Committee for Building Safety Competence, which will be housed within MHCLG and may be modelled in terms of structure and authority on the existing Building Regulations Advisory Committee, composed



Chapter 5 of the Hackitt Review threw out a challenge to the industry: get your act together and come up with an improved set of systemic competences.

of independent industry experts appointed by the Secretary of State. Under these proposals, the MHCLG will maintain a register of competent dutyholders.

There are many considerations that need to be applied to this proposed new regime to ensure that it improves life safety for building occupants and users but does not have unintended consequences. The proposals for legislative intervention on HRRBs will inevitably spread to other buildings and structures where vulnerable people live and sleep and it is essential that the new regulatory system works and does not constrain development. Society needs 300K new homes to be built each year and we already routinely fail to make that annual target – will these new regulations make it even more difficult to build the number of homes that the UK needs? It is also essential that the new accountable roles being created have appropriate rewards to match the risk, and it is crucial that they are insurable. But, will this make the cost prohibitive to development opportunity? All this needs to be considered in the consultative process.

The combination of enhanced competence standards for those working on higher risk buildings and an independent process for overseeing this new regime will – irrespective of anything else that arises from the Hackitt reforms – mean that the industry is at last taking the life safety of those who will occupy the buildings we create just as seriously as the safety of those who build them.



Staying Alive:



Working at height report most significant in the last ten years

A report just published into working at height is considered by many to be one of the most significant developments in the sector for at least a decade.

Author: AIF

Staying Alive: preventing serious injury and fatalities when working at height is the first inquiry report of the All-Party Parliamentary Group (APPG) on working at height and was published earlier this year. According to the Access Industry Forum (AIF), the forum for the principal trade associations and federations involved in work at height, the report has implications for over a million UK businesses and the 10 million workers who are estimated to carry out some form of work at height each year.

Literally hundreds of thousands of people work at height in a variety of industry sectors. Some are more obvious than others, such as construction, roofing and building maintenance, but there are countless others who work at height on a daily basis - often without realising it - in shops, offices, factories and hospitals. The list is almost endless.

The APPG - a group composed of members of Parliament from all political parties - started its inquiry in January 2018 with a view to

producing a set of recommendations intended to reduce the overall number of falls.

The inquiry received a great response from diverse sectors of the UK economy and held two oral evidence sessions in March and July 2018. Names such as Balfour Beatty, the City of London Corporation, the Institution of Occupational Safety and Health (IOSH) and the Royal Society for the Prevention of Accidents (RoSPA), joined the voices of individuals who have faced the consequences of a fall from height in their desire to see improvements in height safety.

Alison Thewliss, MP for Glasgow Central and chair of the APPG on Working at Height launched the report, saying: "In the past year alone, 35 families in the UK have been devastated by the loss of loved ones and many more will have had to deal with life-changing injuries."

"These figures are too high. There should be no question or doubt over the ability of workers to return home



There should be no question or doubt over the ability of workers to return home safely to their families each evening.

safely to their families each evening. I hope that this report and the future work of the APPG, alongside government and industry, will help to bring about action to see these numbers drastically reduced, and ultimately down to zero."

Falls from height still remain the single biggest cause of fatalities on site and in the workplace. The APPG seeks to understand the root causes of falls from height and propose effective, practical measures to reduce the number of serious injuries and fatalities as a result of a fall from height.

Alison Thewliss said: "Our inquiry and report marks the beginning of the APPG's work. Working with industry and government we hope to make recommendations that will create a safer environment for all the people who work at height every day."

The recommendations of the report are:

1. The introduction of enhanced reporting without any additional financial or administrative burden through the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013 (RIDDOR).

The current reporting rules allow for a large degree of individual interpretation through the use of a free text box, where the person reporting is asked to describe in their own words what has occurred. This results in mixed data which often does not contain enough detail of the incident which, in turn, means it is not as accurate and informative as it could be. This represents a missed opportunity to improve health and safety policy.

The AIF would like to see this free text box replaced with simple drop-down menus in order to improve the quality of data. At a minimum, this enhanced reporting would record the scale of a fall, the access method used and the circumstances of the

fall. Enhanced reporting would address concerns within industry that improvements in safety are hampered by a lack of empirical data and an understanding of the root causes of a fall from height.

2. The appointment of an independent body that allows confidential, enhanced and digital reporting of all near misses and accidents that do not qualify for RIDDOR reporting. The data collected by this independent body to be shared with both government and industry to inform health and safety policy.

3. The extension of the 'Working Well Together - Working Well at Height' safety campaign to industries outside of the construction sector.

These are currently part-funded by the Health and Safety Executive (HSE) through regional 'Working Well Together (WWT)' Groups which deliver a range of free and low cost events to educate and inform small, micro and sole employee companies on the benefits of working safely.

4. An equivalent system to Scotland's Fatal Accident Inquiry (FAI) process to be extended to the rest of the UK. In Scotland, ministers are required under section 29 of the Inquiries into Fatal Accidents and Sudden Deaths (Scotland) Act 2016 to report on fatalities. Fatal Accident Inquiries (FAIs) are the legal mechanism through which deaths in the workplace are investigated.

The report also proposes as an opportunity for further discussion the creation of a digital technology strategy to include a new tax relief for small, micro and sole traders to enable them to invest in new technology, plus a major review of work at height culture to include an investigation into the suitability of legally binding financial penalties in health and safety - funds which could be used towards raising awareness and training, particularly in hard to reach sectors.

About the Access Industry Forum: www.accessindustryforum.org.uk

AIF member organisations: Association of Technical Lightning & Access Specialists (ATLAS); British Safety Industry Federation (BSIF); Edge Protection Federation (EPF); Fall Arrest Safety Equipment Training (FASET); International Powered Access Federation (IPAF); Industrial Rope Access Trade Association (IRATA); Ladder Association; National Access & Scaffolding Confederation (NASC); Prefabricated Access Suppliers' And Manufacturers' Association (PASMA); Specialist Access Engineering And Maintenance Association (SAEMA); Work at Height Safety Association (WAHSA).

About the All-Party Parliamentary Group: www.workingatheight.info

Read and download the report: <https://workingatheight.info/wp-content/uploads/2019/02/Staying-Alive-APPG-REPORT.pdf>



The role of the principal designer in preventing failure

When a catastrophic failure such as Grenfell takes place it is usually because of a combination of failures and not just one lone error or omission. This was identified by the Health and Safety Executive (HSE) in their report, Preventing catastrophic events in construction (RR834). In Plain Sight, last year's report from The Institution of Civil Engineers (ICE), identified that to counteract this possibility, multiple lines of defence are needed: a key one of these being the role of the principal designer (PD).

This article, written by Philip Baker, APS London Regional Chair, and a PD himself, is to show exactly how a competent PD, with the appropriate skills, knowledge and experience; acting at the right time, should operate to ensure he or she is fulfilling their role in disaster prevention.

Author: Philip Baker

Philip has used case studies from last month's HSE report "Ensuring Structural Stability during Demolition and Refurbishment Work". This article is best read alongside this report which illustrates the principal designer operating successfully and competently as much as not. The case studies here focus on negative incidents the as they demonstrate more clearly how the principal designer, operating entirely within her or his statutory capacity, should be acting.

The Case Studies

The actions that a PD should take are defined in the Construction (Design and Management) Regulations 2015 in regulation 11 mainly. How the PD acts is

informed by their skills, knowledge and experience and the particular circumstances of the project.

On each of these projects there would have been a principal designer either formally appointed or by default in the absence of an appointment in writing. For those projects that had commercial clients the PD role would have defaulted to the client, the company contracting the works, if they did not make a formal appointment. For those projects that had domestic clients, in lieu of a formal appointment, the PD role would have defaulted to the designer, whether that be an entity trading as a designer or the contracting company who, prior to carrying out the works, 'designed' the solution.



Philip Baker

Case Study: Premature collapse of high rise residential block during demolition

The principal designer should have recognised that the pre-construction information provided by the client was insufficient. A PD with appropriate SKE should have known the concern with the construction of pre-cast panelised residential towers (see Ronan Point) and should have requested that investigations were carried out into the integrity of the connections. It would be nice to think that the PD worked with the designers of the demolition solution and encouraged the principle of the use of a long reach machine and large exclusion zone to remove operatives from harm's way, but this was probably a contractor decision.

Themes: what went wrong

Either the principal designers did not have the appropriate skills, knowledge and experience; they lacked the ability to make the client or designer take what would have been, appropriate action; or they did not exercise their responsibility over all the design. This resulted in inadequate pre-construction information (PCI) and/or a failure to communicate information about risk.

principal designers should only take on projects for which they have the appropriate skills, knowledge and experience; they should work diligently with all designers to identify risks and communicate information about residual significant abnormal hazards and to make sure that their communications are clear and easily understood.

Read the reports mentioned in this article

Ensuring Structural Stability during Demolition and Refurbishment Work, HSE: <https://press.hse.gov.uk/2019/05/14/ensuring-structural-stability-during-demolition-and-refurbishment-work-2/>

In plain sight, ICE: <https://www.ice.org.uk/news-and-insight/policy/in-plain-sight>

RR834 - preventing catastrophic events in construction, HSE: <http://www.hse.gov.uk/research/rrhtm/rr834.htm>

Case Study:

Designer instructions not clear and contractor too keen.

The principal designer should have asked a question about the soil strength and, when it was identified that it was not known, had the gap in the pre-construction information filled with simple soil strength information. This would then have led the PD to identify to the designers the risk of deep excavation and other foundation options that the designers could have chosen. Even if it was expected that the strip footings were only going to be one metre deep their proximity to the existing building should have promoted the PD to identify that the pre-construction information was lacking and get information about the depth of the foundations of the existing building. As excavation was required, the PD should have identified that the pre-construction information was incomplete if there was no information about buried services.

Case Study:

Unchecked change to system of work caused collapse

It appears that the structural stability of the cinema was sensitive to the demolition method. The principal designer should have understood this from interaction with the designers and communicated this in the pre-construction information. The PD should have made it clear that any design needs to be brought to the attention of the PD. There was a change in the design of the demolition, and this should have brought to the attention of the Principal Designer. It is recognised that this does not always happen.

Case Study:

Failure to correctly assess existing structure

The principal designer failed to ensure that there was adequate pre-construction information which would have informed the contractor/designer of the structural form. It would not be reasonable to suggest that this was a lack knowledge or experience of the possible structural forms, PDs are not required to be design discipline experts, but there was a lack of skill to recognise that the structural form should have been identified to allow an adequate demolition design to be carried out.



When a catastrophic failure such as Grenfell takes place it is usually because of a combination of failures and not just one lone error or omission.

Case Study:

Temporary load on existing structure not assessed

The principal designer should have recognised that the demolition plant would need to be moved from floor to floor and should have had adequate experience to know that the method that was adopted on this project is a common one as it removes the need to have a crane in attendance. This should have led the PD to identify this risk to the designer and to ensure that the designer's response was appropriate whether that was picking a design solution that had back propping or identifying the restricted floor capacity as a residual significant risk.

This paper has been shortened for editorial purposes, the full paper, addressing 12 case studies can be found on the APS website: <https://www.aps.org.uk/news/the-principal-designers-role-preventing-failure>

99% of all NASC members injury free last year

The National Access and Scaffolding Confederation's (NASC) annual safety report reveals 99% of members worked without any accident or injury during 2018.

Author: NASC

It was a good year for members of the NASC as only 113 members recorded an accident or injury on site during 2018, meaning that 16,645 employees went through 2018 accident and injury-free. There were no deaths for the sixth consecutive year.

The NASC report shows that the most common cause of accident and injury was 'Slips, Trips and Fall on the same level' – representing more than 43% of all accidents reported. There were 22 falls from height, up from 14 in 2017, and four falls of materials, down from 12 in 2017.

Des Moore, CEO of TRAD Group and NASC President, said: "The report shows that NASC members and their operatives continue to work incredibly safely at height.

"While it is slightly disappointing to see a slight year-on-year rise in the number of reported incidents, it is important to view this figure in context – taking into account the 16,000+ operatives who completed millions of working hours in 2018 without injury.

"Indeed, the annual incidence and frequency rates remain incredibly

low, demonstrating how much value NASC full contracting members place on implementing and enforcing safe working standards on every project they undertake.

"However, there is always room for improvement. This is why the NASC will use the data collected to drive positive change – looking for ways to lead safety in our industry and help our members continually improve H&S standards on sites and in yards across the UK.

"We're particularly keen to reduce slips and trips and will be working closely with clients and contractors to achieve this aim."

Robin James, NASC Managing Director, added: "The NASC believes wholeheartedly in safety leadership, accountability and transparency, which is why it goes to such great lengths every year to collate, analyse and publish a detailed safety report to enable the NASC to focus on strategies and guidance to improve the scaffolding industry.

"It is only through this process that we are able to lead on safety through our ongoing collaboration with the Health & Safety Executive and other leading construction bodies, and the



...the NASC will use the data collected to drive positive change.

continued support and determination of NASC members, that our trade body can improve on its already excellent safety standards."

NASC full contracting members are required to submit a detailed accident return as a requirement of membership. The NASC Safety Report is compiled from this data and includes:

- Injuries and fatalities to operatives, third parties and members of the public
- Accident types
- Detailed analysis of accidents



About the NASC

The NASC is the national trade body for access and scaffolding in the UK – established 1945 and now serving a family of 250+ leading contracting firms, scaffolding suppliers and manufacturers.

The Confederation produces a wide range of industry-recognised safety and technical guidance for scaffolding contractors, their operatives and their clients – accepted as the industry standard by HSE, Build UK, CITB & principal contractors alike.

NASC members are strictly audited – ensuring the highest possible standards are met, confirming to our NASC Criteria, Code of Conduct and the Code of Practice for scaffolding products. It's these high standards of our members' access solutions that are recognised by construction industry leaders, who continue to stipulate NASC-only companies for access and scaffolding.

For more information on the NASC: www.nasc.org.uk

Read and download the NASC Safety Report 2019: https://issuu.com/nationalaccess/docs/nasc_safety_report_2019_-_final

16,645

employees

went through 2018 accident and injury-free.

43%

of accidents were from slips, trips and falls on the same level.

22

falls from height in 2018 up from 14 in 2017.

4

falls from materials in 2018, down from 12 in 2017

Steps to Safety

The Work at Height Regulations 2005 is a key piece of health and safety legislation for employers to follow. They protect their employees and impose requirements that employers must follow in relation to work carried out by any employee or any other person under the employer's control. The Regulations should be considered along with HSE guidance. In general they cover the following:

Author: Ian Smith, Fladgate LLP

Avoidance

If it is possible to carry out works safely other than at height then employers should arrange for this by having works carried out from the ground. When planning works, consider if extendable tools can be used or what assembly or installation can be done at ground level.

Prevention

If works must be carried out at height employers should take suitable measures to prevent falls liable to result in personal injury. Examples of such measures would include working from an existing and safe location and using equipment to prevent falls.

Planning

Suitable planning must be considered e.g. the selection of proper work equipment (for both collective and personal protection). Employers must also plan for, e.g.:

- weather conditions;

- the restraint of materials that may be disturbed and fall;
- the area underneath where works are taking place; and
- dealing with an injury/emergency.

Planning should be sensible and pragmatic for the work being carried out, having assessed the risk. Ladders may be appropriate for a short job at a relatively low height but not for works taking place over a long period at greater heights. Contrary to rumour, however, the HSE has not banned the use of ladders altogether.

Co-ordination

The Regulations do not stand alone and should be considered with CDM2015. Work at height should be taken into account in the construction phase plan and health and safety file. Both the Regulations and CDM2015 require employers to ensure that workers carrying out work at height are competent to do



Work at height should be taken into account in the construction phase plan and health and safety file.

so. A breach of the Regulations will also likely be a breach of CDM2015, which requires contractors to:

- plan, manage and monitor construction work to ensure that it is carried out without risks to health and safety;
- employ people with the necessary skills, knowledge, training and experience to carry out the tasks allocated to them to secure the health and safety of any person working on the construction site; and
- provide each worker under their control with appropriate supervision, instructions and information so that construction work can be carried out without risks to health and safety.

Continuing duty

Safe working at height is a continuing duty and should be considered as such. The Regulations require inspections of work equipment used for working at height at suitable intervals and employers should be mindful of changing conditions and altering work methods.

Prosecutions

In the second half of 2018:

- A company was fined £80,000 after a worker fell through a plasterboard ceiling due to poor planning and a failure to understand the associated risks.
- A company received three prohibition notices after serious breaches were discovered relating to working at height. The company ignored the notices and was fined £250,000.
- Workers were carrying out work on the roof of a house without adequate safety measures. The company was fined only £200 but the director, having been aware of the lack of safety measures (and who had also committed fraud and trading standards offences), was amongst other things, sentenced to 18 months imprisonment and disqualified from being a company director for five years.
- A fine of £150,000 was imposed on a company after an employee fell and suffered a fractured spine. A risk assessment and method statement were in place to remove roof sheets from below but this process was changed to instead remove the roof sheets from above.



APS Conference with the APS National CDM and Student Designer Awards

Delivering leadership in CDM - a blueprint for 2020

Wednesday 4 September 2019, Sheffield Hallam University

Book your ticket:

<https://www.regonline.co.uk/registration/Checkin.aspx?EventID=2553120>

Keynote speaker: Russell Adfield, HSE

This year's flagship Association for Project Safety conference will unveil its proposals for the future of the Construction (Design and Management) regulations 2015, considering how the association's professional membership believes construction can be made safer and healthier for everyone.

A top flight line up of speakers will be headed up Russell Adfield, the Head of Construction Sector and Policy, followed by Lynda Rawsthorne, Project Delivery Director, Ministry of Justice (Estates Directorate). Other speakers include: Daniel Ladbury, Director of Estates, Sheffield Hallam University and Mark Snelling, Managing Director of Safetymark Consultancy Services.

The speakers will address key issues facing the construction sector including the review of the Construction [Design and

Management] Regulations 2015 in 2020, building regulations post-Brexit and the sector can work effectively together to ensure continuity and improve safety.

Break-out sessions

In the afternoon, as part of a section the importance of continuous learning and professional development, delegates can attend a break-out session of their choice delivered by top professionals.

Breakout sessions and speakers:

- Design Risk Management, Mark Snelling, Safety Mark Consultancy Services
- Temporary Works, Rob Millard, Temporary Works Forum
- Working at Height, Steven Allen-Tidy, National Access & Scaffolding Confederation
- Building Regulations, Sofie Hooper, Institute of Workplace and Facilities Management



The speakers will address key issues facing the construction sector.



Panel discussion

Later in the afternoon there will be a panel discussion on the triumphs and failures of CDM 2015. Contributing to the discussion will be:

- Lucy Carmichael/Alex Tait Royal Institute of British Architects (RIBA)
- Nathan Baker, Institution of Civil Engineers
- Gordon Nelson, Federation of Master Builders
- Stella Saunders, President, APS

Drinks reception

The conference will end with an opportunity to network with other delegates over drinks.

Full programme and more information

APS CDM and Student Awards

The conference will include the APS National CDM and Student Designer Awards which will take place just before lunch.

Full details of the programme can be found here: <https://www.aps.org.uk/events/the-aps-national-conference-2019>

Association for Project Safety Annual General Meeting

Wednesday 4 September 2019 Sheffield Hallam University,
City Campus, Charles Street, S1 1WB
From 08.30

Members of the association are advised of and invited to the association's Annual General Meeting. Full details of the agenda and papers for the meeting will be available on the members area of the APS website closer to the date. There is no need to book in advance.



Announced: Shortlisted entries for the APS CDM and Student Award 2019

At the very end of May, judges sat down to consider the entries we received for this year's awards. They spent a day considering them. These are the entries that have been shortlisted to win this year's awards in their category.

Thank you to the judges, Barri Miller and Susan Gynn from APS HQ who were joined by Raymond Bone, Health and Safety Director, Abbey Construction Consultants and APS Director; Graeme Smith, Principal Director, Health and Safety, Fairhurst and APS Scotland East Regional Chair and Gordon Nelson, Scotland Director, Federation of Master Builders

CDM duty holder of the year

Alderley Park
Bruntwood SciTech



Avonmouth Waste to Energy
CNIM Environnement



Circle Square
Rider Levett Bucknall



The APS student award

Piotr Antoni Bieluga
University of Coventry
Ely Bank Pentref Micro Community



Adam Nightingale
University of Salford
North West Film Archive/Hanna Centrety



Previous years' award winners



Judging this year's APS CDM awards

Health, safety and wellbeing initiative of the year

Jacobs SafetyWeg+
Jacobs UK

JACOBS®



What's a hackathon?

Past President Bobby Chakravarthy tells all about what happened when construction professionals spent two days together in one room at the end of May. A hackathon for those not already in the know, brings traditional skills together with coders and developers to create, in this case, new, commercially viable digital solutions to fire safety for buildings in the UK and around the world.



The format brings together individuals with different skills and backgrounds to arrive at innovative results.

The event, called a 'hackathon' took place against the background of the Grenfell Tower tragedy in 2017 and subsequent recommendations by Dame Judith Hackett in her 'Building a Safer Future' report. It was hosted by the Association for Project Safety (APS), the Institution of Engineering and Technology (IET), and Hack_Construct and took place at the the IET's offices in London on Thursday 23rd and Friday 24th May 2019.

The two days built on an initial concept day held in November 2018 which established exactly what problems would need to be addressed so that the hackathon could be devoted entirely to working on solutions. Towards the end of the second day the delegates, who had formed into groups, presented their ideas, hoping to win the prize; the opportunity to see their product commercially developed.

Bobby Chakravarthy, APS Past President and one of the organisers of the Hackathon, said, "I have been really overwhelmed with the

commitment and imagination of all the people taking part. The two days have been a hive of activity with people staying on till 11pm at night on the first day to work on their idea. The teams all took very different approaches to the problem and while some of the solutions were hardware based, some were software based and some behavioural; every single one of them would make a meaningful contribution to keeping people safe from fire."

In the end there could only be one winner and the judges eventually decided that the group who named themselves 'Fired Up' was the winner on the day. We all particularly liked the way their solution was such a vibrant blend of traditional skills and the new perspectives they gained through working with colleagues from a tech background."

I thought the day was a great success and I was fascinated the way the teams all came together. It was a really interesting exercise and one I found most enlightening – you

rarely get to see such an immediate difference in the way people think. And all so simply achieved by bringing people from diverse professional backgrounds together. I believe the judges found worthy winners but it is always a terribly difficult job choosing between brilliant ideas. I am sure that the other groups taking part got something from the day and I am sure their ideas could all go on to tackle fire safety challenges too."

Rick Hartwig, Built Environment Lead at the IET "Tech skills, new technology and traditional engineering know-how are set to revolutionise the traditional world of fire safety within buildings by tapping into new technology. This event was all about bringing experts together from two different sectors to come up with new proposals which with the right development could improve fire safety and ultimately save lives."

The hackathon format is used in the digital world to develop new and innovative software quickly, by bringing together individuals with different skills and backgrounds to work together – usually in groups – to arrive at innovative results, inspired by the differing skills and perspectives of their co-attendees."

Ryan Tennyson of Hack_Construct, said: "This format provides a unique environment to use cross-industry best practice knowledge, skills and technology to help develop digital solutions to these problems rather than to simply rehash old ones. In aerospace, aviation and automobile industries high-risk safety issues and unsafe working practices are relatively unheard of because so much can be foreseen or tested out thanks to digital design, fabrication and manufacturing processes. There's no reason why this can't be applied to design risk management and fire safety."





News in Brief

These new stories from the Health and Safety Executive (HSE) highlight working at height incidents which caused injury, and led to prosecutions and fines.

Double prosecution following workers' fall from height

Principal contractor Weiser Construction Ltd and Complete Cladding Systems Ltd were both sentenced for safety breaches after a worker suffered life changing injuries.

Leeds Magistrates' Court heard how, on 4 January 2016, Brian Robinson was working as a sheeted cladder at the John Cotton factory in West Yorkshire. He was on a factory roof and whilst tying cappings to the roof, Mr Robinson fell through a roof light 9.7m into the active factory area below. He suffered an open fracture to his femur and multiple fractures to his pelvis.

The HSE found the original scaffold that had been constructed upon the roof had been removed before cladding works being completed. Spandek boards with guardrails were the preferred control measure but use of these boards meant that workers could not affix the handrails in situ.

No nets had been scheduled to be used in the area of the factory and as Mr Robinson fell, the top half of his legs struck the top of a storage

cage, approximately 2.4m high, before continuing his fall to the floor behind the storage cage.

Weiser Construction Ltd (now in liquidation) of Clark Business Recovery Ltd, York Place, Leeds pleaded guilty to breaching Section 3 (1) of the Health & Safety at Work etc Act 1974 and has been fined £145,000 with £5,046.30 costs.

Complete Cladding Systems Ltd of Newton Cap House, Toronto, Bishop Auckland pleaded guilty to breaching Section 3 (1) of the Health & Safety at Work etc Act 1974 and has been fined £165,000 with £5,114.49 costs

After the hearing, HSE inspector Paul Thompson commented: "This was a wholly avoidable incident caused by the failure of the principal contractor to manage and monitor the works to ensure the correct work equipment was being used. This risk was further amplified by the cladding company's failure to ensure suitable measures were in place to prevent persons falling a distance liable to cause personal injury."

Company fined after employee falls through roof and breaks his back

A Lincolnshire construction company has been sentenced after an employee received serious injuries from falling through a fragile roof.

On 2 May 2017 an employee of Foundations and Buildings Ltd was constructing the roof of a new agricultural building adjacent to an existing barn in Louth, Lincolnshire. While doing so he stepped onto the fragile roof of the adjacent barn, fell five metres onto the concrete floor and broke his back.

A HSE investigation revealed that the system of work in use to control risks from work at height was fundamentally unsuitable. It relied on workers wearing harnesses when it would have been more appropriate to use edge protection or nets. In addition the use of harnesses was not enforced by the company.

Foundations and Buildings Limited of Manor Farm, Skegness Road, Hogsthorpe, Skegness, Lincolnshire, pleaded guilty to breaching Regulation 4 (1) of the Work at Height Regulations 2005 and has been fined £30,000 and ordered to pay costs of £4814.04



Company fined after 12 year old falls from scaffolding

Westdale Services Limited has today been sentenced after a 12-year-old boy slipped off a scaffold ladder, falling approximately 10 metres.

Cardiff Magistrates' Court heard how, on 6 May 2017, two boys were able to climb the rungs of a ladder within scaffolding erected at Southville Flats, St David's Road, Cwmbran, by placing their feet either side of a ladder guard that did not cover the rungs of the ladder. One boy climbed to a height of approximately 10 metres. The ladder slipped, causing the boy to lose his balance and fall to the ground, causing life-changing injuries requiring multiple operations. The boy now has no bladder or bowel control and is only able to walk short distances due to being unstable on his feet.

An investigation by the Health and Safety Executive (HSE) found the security arrangements for preventing access to the scaffolding, especially by children from a nearby school, were inadequate.

Westdale Services Limited of Doncaster Road, Askern, Doncaster pleaded guilty to breaching Section 3(1) of the Health and Safety at Work Act 1974 and has been fined £160,000 and ordered to pay £22,310 in costs.

Speaking after the hearing, HSE inspector Michael Batt commented: "The death or injury of a child is particularly tragic and a lot of thought must go into securing construction sites. Children do not perceive danger as adults do. The potential for unauthorised access to construction sites must be carefully risk assessed and effective controls put in place.

Company fined after two workers injured in fall from height

A construction company has been fined after two workers were injured after falling through a ceiling at a site in Watford.

On 6 December 2017, four bricklayers were working on a new build when they gained unrestricted access to a timber joisted floor. The floor collapsed. Two of the four workers managed to jump off during the collapse whilst the other two fell and suffered serious injuries.

Both of the employees are still unable to return to full time work and in one case they injuries may prove life changing.

An investigation by the Health and Safety Executive (HSE) found that the Principal

Contractor, S McMurray Ltd, had failed to safely install joist hangers correctly. There was no other structural support arrangement in place, such as propping the first floor from underneath. The floor was also overloaded with blockwork.

S McMurray Ltd, of Sacombe Road, Hertfordshire, pleaded guilty to breaching Regulation 13 (1) of the Construction (Design and Management) Regulations 2015. The Company has been fined £16,500 and ordered to pay costs of £1236.60.

"his incident could have been prevented had there been a sufficient risk assessment in place and the appropriate controls implemented."

HSE pages of guidance about working at height:

<http://www.hse.gov.uk/construction/faq-height.htm#roofwork>



Improving the image

Project safety is at the heart of improving the perception of construction.

Mike Petter, the Director of the Considerate Constructor's Scheme (CCScheme) explains that making sure we put project safety at the heart of construction and telling people what we do is a key component in improving how construction is viewed. Mike says this is vital at a time when construction is being challenged to produce more and needs more workers to do it.

If the UK and Ireland are to grow and flourish we need construction to happen and to happen quickly. The latest statistics show that the construction industry in the UK contributes £113 billion in economic output representing 6% of total output* and in Ireland the industry was worth €7.2 billion in Gross Value Added (GVA)**.

What is absolutely central to construction's future growth is the image of the industry; how the sector is viewed by its current workforce as well as the wider public.

As the UK and Ireland continues to build, we urgently require a larger workforce across construction -

around 232,000 additional people are needed across the sector over the next five years in the UK alone. In light of the EU Referendum result, the potential consequences to the future supply of the much-needed workforce means that creating a positive image of the construction industry is of paramount importance - arguably now more than ever before.

Everyone working across construction project safety clearly plays a central role in contributing to promoting a positive image of the construction industry, so much so that earlier this year, the Association for Project Safety (APS) became a Considerate Constructors Scheme Supporter.

As a Scheme Supporter, the APS recognises the importance of the Scheme in raising standards of considerate construction, and encourages others working in construction to register with the Scheme.



“APS is delighted to support the Considerate Constructors Scheme and endorses its goals all of which contribute directly to achieving our goals; namely to ensure and protect the safety, health and welfare of everyone connected to a construction site whether working on, living near, or inhabiting the completed building; during the construction, throughout the lifetime, and the decommissioning of any project.”

Barri Millar, APS's Deputy Chief Executive and Head of Membership, Policy & Standards



One of the five core parts of the Scheme's Code of Considerate Practice is based around safety:

Secure everyone's Safety

Constructors should attain the highest levels of safety performance

- Having systems that care for the safety of the public, visitors and the workforce.
- Minimising security risks to neighbours.
- Having initiatives for continuous safety improvement.
- Embedding attitudes and behaviours that enhance safety performance.

Each year, the Scheme makes over 14,000 monitoring visits to sites, companies and suppliers across the UK and Ireland.

The Scheme plays a central role in the promotion of the industry's positive image. It is proud to be supporting and championing an ever-improving industry, where standards are raised year on year. In Autumn 2018, the Scheme launched its international Promoting Construction campaign to encourage everyone involved in the built environment to use the #loveconstruction in their social media posts.

However, there is still much more to done to elevate construction's image and reputation as an exciting, rewarding and progressive sector to work in. As project safety professionals are at the centre of securing everyone's safety in construction, they are also at the very foundations of improving the image of construction.

*Construction industry: statistics and policy, House of Commons, United Kingdom, 2018.

**National Income and Expenditure 2017, Central Statistics Office, Ireland, 2018.

More information

For more information and to register with the Scheme, visit www.ccscheme.org.uk

About the author

Mike Petter is a Director of the Considerate Constructors Scheme. Mike is a Chartered Civil Engineer who has over 30 years' experience working in the construction industry and has monitored over 1100 construction sites registered with the Scheme. As such, Mike is ideally placed to provide best practice and guidance on how construction is improving standards in how it looks after the wellbeing of its workforce.

Embedding good design and embracing the golden thread

APS President Stella Clutton-Saunders has been working with a number of industry colleagues to deliver enhanced fire safety. We hear from her partners' Stephen Mehmet and Andrew Watson on their CIC professional collaboration on fire safety. They believe that the CDM regulations, as they stand, can be used to embrace the golden thread, endorsed in Dame Judith Hackett's report on Grenfell, as part of a call to embed the idea that good design should be properly managed from inception to completion.

Authors: Stephen Mehmet & Andrew Watson

In the wake of Grenfell, constructing any new building requires a greater level of foresight than ever before. For any building to be considered fit for purpose, whether it is a refurbishment or new build, it must be well designed, constructed and safe for the intended use. Often cost dictates that the minimum standard and not more is achieved; the minimum standard being set by Statute, the client or both and usually conforming to the minimum Building Regulations, which becomes the benchmark.

In Dame Judith Hackett's report which came out in last year, She put forward the concept of 'The Golden Thread'; the idea that information about the building should be passed on to whoever has responsibility for it throughout the lifespan of the building. A more detailed definition of it might could be: "To ensure a defined and coherent strategy for the preparation and transportation of information for the life of the building, starting at the original concept stage, continuing through the design and construction stage, then the ongoing maintenance and management of the building and finally it's decommissioning."*

The Current CDM Regulations 2015 exist to improve health and safety in the industry and can provide a mechanism for this to happen if they are correctly interpreted and followed since there is already a requirement:

- To sensibly plan the work so the risks involved are managed from start to finish
- To have the right people for the right job at the right time
- For individuals to cooperate and coordinate the work with others
- To have the right information about the risks and how they are being managed
- To communicate this information effectively to those who need to know
- To consult and engage with workers about the risks and how they are being managed

Full information can be found here: <http://www.hse.gov.uk/construction/cdm/2015/index.htm>

It is the responsibility of the principal designer (PD) to ensure that these requirements are carried out correctly. However, the holder of the role can change during a project and

their responsibility ends with the completion of the construction phase of a building's lifespan. In order to fully embrace the idea behind the golden thread, there is a need to have a named role with responsibility for health and safety throughout the life of the building. This could be named the 'Building Safety Manager/Co-ordinator' who would represent the building owner.

Fire safety

Fire safety is embedded in all six of the HSE requirements. With respect to fire compartmentation and means of escape for residential apartments in new schemes, the design team should be mindful of the obligations required of the owner and end users, once handover is achieved. This is to ensure that compliance with the Regulatory Reform (fire safety) Order 2005 (RRO), Equality Act, etc., is not compromised by poor design, choices of materials and failure to build to the required standards.

There are similar obligations, with existing buildings undergoing refurbishment, change of use etc., except there is a greater need to fully understand the existing premises, the current materials and the associated risks following completion.

To understand the risks, the Regulations entail that it requires a multi-faceted team. One of the team should be a suitably competent fire consultant, with a detailed understanding of construction and the build process, fire risk management and understanding of other persons who may be especially at risk after construction.

Advisors fulfilling the CDM role, must be able to require that the designer confirms that all components forming the principal elements as defined under the Building Regulation Act 2010, Regulation 38 are being verified. They must also be able to provide evidence to support the chosen project achieves compliance PRIOR to completion, sign off by building control and handover. An audit trail of the information should be placed at the disposal of the CDM advisor, the responsible person and the building control authority. A suitably developed fire strategy should underpin product selection.

///
The current CDM Regulations can provide a mechanism for the golden thread if they are correctly interpreted and followed.

* Quote is from the author



Fire strategy

All schemes should have a fire strategy which sets out the aims and objectives. To ensure potential problems are designed out before works start the fire strategy should be reviewed and updated during the design process prior to commencement of the works.

Building Regulations PART 8 Information to be Provided by the Person Carrying Out Work, Regulation 38 (2), states: The person carrying out the work shall give fire safety information to the responsible person not later than the date of completion of the work, or the date of occupation of the building or extension, whichever is the earlier.

Building control should request confirmation that Regulation 38 has been complied with before to issuing a Completion Certificate, does this happen?

The Client/Employer could write to Building Control advising them that they are “Responsible person” under the regulation giving their details to enable the Building Control to write to them to obtain confirmation that the relevant information has been passed and is suitable and sufficient.

More information

Statutory Instruments: Building and buildings (England and Wales) The building regulations 2010
(http://www.legislation.gov.uk/uksi/2010/2214/pdfs/uksi_20102214_en.pdf)

Hear from the regions

This is the last in a series of four articles. With the nominations period of the 2019 elections about to start and covered in the next article, we introduce the remaining new committee members voted on to your regions in last year's elections.

Derek Fenwick East Midlands region

I am a senior architectural technician with 30 years of experience in projects up to the value of £35 million. Much of my time on these projects has been coordinating and working with the staff on site. Since the 1990s I have been a planning supervisor, CDM co-ordinator and principal designer and this has given me a considerable insight into the training and CDM needs of APS members.

I have been a co-opted member of the East Midlands regional committee for two years and am delighted to have been voted on to the Committee by the APS membership. I hope to continue to contribute from a position of knowledge and experience.



Martin Wilde

Martin Wilde South West England region

I've been a co-opted member of the South West England regional committee for 4 years now. I am a sole trader building surveyor so work at the smaller end of the construction industry. I've been working for 38 years now and have experience across all types of construction for the private sector and local government. This has given me a broad knowledge base which I use to strengthen and promote safety at this end of the industry.

I am very interested in the smaller projects, particularly domestic extensions, refurbishments etc. I think these are often ignored by the sector opinion-makers and the smaller businesses as clients just don't have the infrastructure to influence health and safety which is often not dealt with appropriately.

I am keen to promote APS and where possible have given talks to local surveyors, engineers, builders and the district council. I strongly believe that education and awareness is the way forward.



Paul Cheyne

Paul Cheyne Northern Ireland region

I was a co-opted member of the committee from 2017 - 2018. and I decided to stand for election to the committee. I am delighted I have been voted in. Over the past 12 years of my career I have had a wide range of relevant experience in various sectors including planning supervisor, CDMC, principal designer, and PSDP assignments in the UK and Ireland. My current roles are CDM adviser, principal designer and PSDP.

I am influenced by the idea of 'shaping and sharing best practice' and this will underpin my continuing work for the Northern Ireland Regional Committee.

The APS regional elections 2019

NOMINATIONS NOW OPEN

The elections to vote in your regional committee representatives are nearly upon us. The electronic ballot will be going out to all APS members in a region with members standing, in early July.

The first part of the election process, the nominations period is now open.

This is when APS members who wish to stand for election post in their nominations form. If you are planning to stand for election this year, you'll need to be nominated first.

How to become a nominee

You need to get three APS members from any region to nominate you. Once you have three APS members to nominate you:

- Download the nominations form here: www.aps.org.uk/the-aps-regional-elections-2019
- Fill in your details
- Fill in the details of those nominating you
- Write a statement about why you should be elected to the committee. This is your chance to tell members why you would make a good regional committee member
- Email or post it back to APS by date

The nominations period closes Sunday 30 June. Voting opens in early July and the successful candidates will be announced in early August.

Why stand for election to your APS regional committee?

- A voice in the CPD delivered to APS members in your region
- Kept up-to-date with planned changes in the sector
- Meet like-minded individuals, solve problems and share experiences
- Network with sector colleagues
- Directly influence APS national policy and shape the future of APS
- See benefits to your career by demonstrating your commitment through taking on a voluntary role
- Have a platform to promote the value of health and safety and CDM in construction
- The chance to fight to ensure that health, safety and CDM remain of high quality and on the agenda
- Encourage other and younger members of the industry to get involved
- Free attendance at regional CPD where there is a charge
- 50% off the price of attending the National Conference and other key APS events

What it involves

As a regional committee member you will:

- Meet with your committee 4 – 6 times a year
- *Work with your fellow committee members to decide on – and stand for if you wish – your regional committee Chair, Deputy Chair, Secretary or Treasurer (if these committee roles are vacant)
- Instigate – if it is your idea or – assist organise CPD events in your region for APS members at no extra charge of very low cost
- Work with partner organisations to organise/attend/deliver joint events
- Be an ambassador for APS and attend sector events in your region from time to time.

*These roles are decided internally by the committee

The term of office before standing for re-election to the committee is 3 years

More information about becoming a nominee and the elections.

Email rebecca.eunson@aps.org.uk or call her on 0131 442 6606

Visit: <https://www.aps.org.uk/the-aps-regional-elections-2019>



Malcolm boxes clever for a good cause

Malcolm Sheils is the secretary of the APS Northern Regional Committee. He joined the committee last year though he has been an APS member for the last 11 years. Recently he has wanted 'give something back and so this year he decided to take up boxing for the charity, Cancer Research, via an organisation that trains people and organises competitions for Cancer Research. We talked to him to find out why he chose that particular charity, why he chose boxing and how it's going.



Malcolm Sheils

Why did you decide you wanted to raise money to support Cancer Research?

Cancer Research covers all types of cancers. Like lots of people, I have had relatives and friends who have had to battle against cancer. Over the last couple of years, I have felt that I should 'give something back' in some way, so each year I challenge myself and do something for other people and charity. Last year I slept out rough for one night to raise money and awareness for the homeless. This year cancer research appears to be achieving so much and we are getting closer to solving some cancer types that I thought it was a fantastically worthwhile cause.

I came across Ultra White-Collar Boxing. They provide a unique opportunity for people with no boxing background to experience the wonderful world of boxing, in a safe and enjoyable environment, get in great shape and it is all for Cancer Research, so I signed up.

Why did you choose boxing?

I wanted to do something to really test myself. I love sport and I love watching boxing. I have always marvelled at the skill set, courage, and bravery of boxers. At my age (58) and totally unfit, with an ankle full of metal, what better way to challenge myself then trying to stop someone knocking my block off.

Have you boxed before?

No. I started boxing training at a young age when I was fit but failed the medical as I had really bad asthma. I am partly doing this to try and re-live my youth!!!

Are you enjoying it?

Oh my God. Well, yes and no! Sometimes when I am training, I can't feel my arms and everything aches, but the sound, feel and vibe in the boxing gym is amazing. I just keep saying it will get better and easier and I also think to myself, 'Bloody hell, Malcolm you have your health. Think about the people battling cancer. That keeps me going'. I also go swimming in the early morning to compliment the boxing training and although when I finish, I am knackered, it does send you into work with a spring in your step.

What has surprised you so far about what you have learnt?

Once I started this training regime I believed that I wouldn't enjoy any of it, however I am getting in to it now and looking forward to the pain as well as the hoped-for gain. I have also surprised myself as to how good a listener I have been; soaking up what the boxing trainers tell me and trying to follow it exactly.

Is there anything else you'd like to tell us about this experience?

I am finding that giving and not expecting or wanting anything in return gives me a really warm feeling. The boost that I get from going into the gym and when I leave after giving my all in there is massive and I would recommend anyone to think about 'just giving' something back to society and life in general - you'll find it incredibly rewarding.

Malcolm Shiels is Director and Head of CDM for Summers-Inman Construction & Property Consultants in Newcastle.

To help Malcolm support Cancer Research

go to: <https://www.justgiving.com/fundraising/malcolm-shiels>

More information of Ultra White Collar Boxing

White Collar Boxing originated in New York and is now the fastest growing corporate contact sport in the world. In the UK, Ultra White Collar Boxing has held over 1000 charity events since 2009. They are Cancer Research UK's biggest fundraisers in the UK and have raised £10 Million: <https://www.ultrawhitecollarboxing.co.uk/>



Meet the home team

We are always being asked about the people who lie behind the Association for Project Safety and, in this first of a series helping you get to know the team, we are going to focus on the staff who keep the show on the road.

Association for Project Safety

The headquarters' team is a small tightly knit group – just nine for us in total - based at the APS' registered office in Edinburgh. APS is a company limited by guarantee – which is quite usual for membership associations. We are based north of the border as, originally, the association was founded by members of the Royal Institution of Architects in Scotland [RIAS]. We work out a modern office block on the western edge of the Scottish capital where you will also find the Scottish offices of the Federation for Master Builders and the NHBC. It's not grand, but it is functional and you are always welcome to visit – just let us know you are coming so we can put the kettle on.

How to find us

The Association for Project Safety
5 New Mart Place
Edinburgh, EH14 1RW
Tel: 0131 442 6600
Email: info@aps.org.uk

The Team – and introduction

The team is made up of me, Lesley McLeod and two groups of people – one which concentrates on members, the regions and their needs; and the other which looks after the housekeeping.

Barri Millar, who you met in our January edition, heads up the members' side and acts as my deputy. Barri is supported by our outstanding long-time membership secretary Carole Mackay. Many of your will have spoken to Carole on the phone and what she doesn't know about APS is simply not worth knowing. Carole is helped by the ever helpful and extremely friendly Susan Gynn. You are in good hands if you phone either of them about a membership query or you need a bit of help. Completing that side of the house is Rebecca Eunson. Rebecca has been with us since last autumn and comes all the way from the Land Down Under. We are very



Lesley McLeod



*It's not grand,
but it is
functional and
you are always
welcome to visit
APS HQ.*

pleased to have her as her cheerful good humour brightens up the office. Rebecca looks after CPD, webinars and other events and is there to support our regional volunteers.

Roz Grozier is the Marketing and Communications Manager and bridges the gap between membership and operations. Anything you see coming from APS, from leaflets to banners, from news releases to Project Safety Matters is down to Roz. She is always on the look-out for news, views and good ideas so just get in touch.

This brings us to the great Nicola Lally who is our Head of Operations. Nicola has been with APS for nearly ten years and makes managing the business side of the organisation look easy. She is the one making sure the bills get paid and wages go into the bank. She oversees accountancy, HR and sales. She also – and she must have done something very wrong in a past life to deserve this – takes the minutes at the meetings of the ASP Board and Council. Nicola's team also includes Sheena Munro and Debbie Magson.

Many of you will have spoken to Sheena when you have called up HQ. Every organisation needs a Sheena - she started as our receptionist but she is so much more. She also books all the travel and accommodation for the home team, directors and council members and does the bulk of the heavy lifting for the presidential team of Stella, past-president Bobby and president-elect Jonathan. She sorts out the meetings of directors which happen four times a year and the twice-yearly Council meetings. You are less likely to have come across Debbie. Debbie is the backbone of the business-side of APS working part-time balancing the books so that we can say exactly how much money APS has and what we have spent it on. She puts together the budget and keeps a track on all our spending as well as helping make sure APS complies with all the financial rules that surround a small business.

In the next edition of Project Safety Matters we will take a closer look at the membership team so you get to know more about Carole, Susan and Rebecca.

Lesley McLeod, APS, CEO

Nicola Lally,
Head of Operations

Barri Millar,
Deputy Chief Executive and Head of Policy,
Membership and Standards

Debbie Magson,
Finance
Officer

Sheena Munro,
Operations
Officer

Rosalind Grozier,
Marketing and
Communications
Manager

Carole Mackay,
Membership
Manager

Susan Gynn,
Membership
and Education
Officer

Rebecca Eunson,
Membership
Services
Officer

CPD, training and events



Autumn CPD 2019, Fire safety management



Mark Snelling

This is an inclusive event so there is no extra charge if you are an Associate, IMaPS, CMaPS or Fellow APS member.

Mark Snelling, Managing Director of Safetymark Consultancy Services will deliver this half day CPD taking place in 16 locations across the UK, starting in September and finishing in November.

Mark's talk will cover:

- Current duties under CDM 2015 for fire safety management during the construction phase;
- An overview of the requirements of HSG168 Fire Safety in Construction

and the Joint Code of Practice on the Protection from Fire on Construction Sites and Buildings Undergoing Renovation, 9th Edition;

- An outline of the Government's Building Safety Programme <https://www.gov.uk/guidance/the-building-safety-programme> and its implications for those involved in (residential) construction;
- The proposed 'golden thread' of (fire safety) information and what this means to those involved in design and construction; and
- Upskilling to meet current and the future construction fire safety management opportunities.

About the presenter:

Mark Snelling is Managing Director of Safetymark Consultancy Services, a health, safety and fire consultancy. In his capacity as health, safety and fire adviser to the Association of Residential Managing Agents [ARMA] he has been involved in the Hackitt Review of the Building Regulations and Fire Safety and worked on one industry working groups set up to identify the way forward. He is the primary author of the ARMA Fire Safety Management Guide and one of the two authors of the forthcoming APS Design Risk Management Guide. He has worked in the construction industry for the last 35 years progressing from site management into project management and then into design risk management. In addition to his work with ARMA he is currently working as CDM Adviser on major projects for a number of Build UK contractors. He is a Chartered Builder, a Graduate Member of IOSH and a Fellow of the Association for Project Safety.



Times, dates and places:

All events begin at 1.30pm with registration, tea and coffee and finish at 5pm

| | |
|---------------|--------------|
| Crawley | 24 September |
| London | 25 September |
| Stansted | 26 September |
| Milton Keynes | 1 October |
| Derby | 2 October |
| Durham | 3 October |
| Inverness | 9 October |
| Edinburgh | 10 October |
| Birmingham | 22 October |
| Liverpool | 23 October |
| Leeds | 24 October |
| Cardiff | 5 November |
| Southampton | 6 November |
| Exeter | 7 November |
| Glasgow | 13 November |

Booking

Booking and full information for this CPD event will be out later this summer.

New course

Principal designer and design risk management
(3 days) Faithful & Gould



Member of the SNC-Lavalin Group

This new 3 day course is delivered by Faithful+Gould and accredited by APS. The course provides delegates with an awareness and understanding of the roles of a designer and principal designer under the Construction (Design and Management) Regulations 2015. Practical design risk management (DRM) workshops are run in small groups, teaching delegates how to identify and manage health, along with safety risks by means of suggested strategies which can be employed to design out or mitigate these to an acceptable level.

Who should attend this course

It is specifically aimed at individuals who wish to undertake the principal designer role and those within the construction industry who wish to improve their knowledge, understanding and ability in practical design risk management while achieving a professional and benchmarked standard, as set by APS.

Current course dates

London: 17, 18 & 19 June 2019
Stockton: 9, 10 & 11 September 2019
London: 27, 28 & 29 January 2020


Further dates

Once confirmed, further course dates will be listed at <https://www.aps.org.uk/cpd/principal-designer-and-design-risk-management-3-day>

Find out more and book:

Email: paul.whitney@fgould.com
Phone: 020 7121 2805





Synergie Training is one of the leading Construction, Infrastructure and IT Training Companies in the UK

We are recognised throughout the Construction and Civil Engineering sectors in both the UK and Internationally and are the UK's leading CDM Principal Designer training company. We are also Scotland's leading Temporary Works and NEC course provider.

CDM 2015 Training – Synergie Training specialises in the **APS Accredited Principal Designer** course which we provide as both onsite closed company courses and as public courses throughout the UK. We have successfully accredited over 1,500 individual Principal Designers with a 95% pass rate and also provide CDM Overview, Client, Contractor, Domestic Client, Construction Safety through Design and customised CDM training.

Upcoming Dates include:

| | | | |
|-----------------|---|------------|-------------|
| 17 Jun - 18 Jun | APS Accredited – The role of the Principal Designer under CDM 2015 (2 Day) | Liverpool | £595 |
| 20 Jun - 21 Jun | APS Accredited – The role of the Principal Designer under CDM 2015 (2 Day) | Bristol | £595 |
| 20 Jun - 21 Jun | APS Accredited – The role of the Principal Designer under CDM 2015 (2 Day) | Cardiff | £595 |
| 1 Jul - 2 Jul | APS Accredited – The role of the Principal Designer under CDM 2015 (2 Day) | Birmingham | £595 |
| 3 Jul - 4 Jul | APS Accredited – The role of the Principal Designer under CDM 2015 (2 Day) | London | £595 |
| 8 Jul - 9 Jul | APS Accredited – The role of the Principal Designer under CDM 2015 (2 Day) | Newcastle | £595 |
| 29 Jul - 30 Jul | APS Accredited – The role of the Principal Designer under CDM 2015 (2 Day) | Edinburgh | £595 |
| 5 Aug - 6 Aug | APS Accredited – The role of the Principal Designer under CDM 2015 (2 Day) | Leeds | £595 |
| 12 Aug - 13 Aug | APS Accredited – The role of the Principal Designer under CDM 2015 (2 Day) | London | £595 |
| 14 Aug - 15 Aug | APS Accredited – The role of the Principal Designer under CDM 2015 (2 Day) | Bristol | £595 |

Please quote **APS-June10** for a 10% discount on any of the above public courses.

Please visit: www.synergietraining.co.uk/course-schedule to view additional public course dates.

Synergie Training is an approved APS, CITB & Microsoft Accredited Training Centre and holds ISO: 9001, ISO: 14001 and OHSAS: 18001 quality standard accreditations.

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