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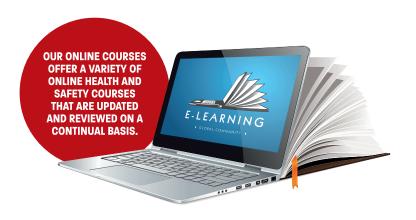
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# editorswelcome

Dave Carr Managing Director, Callsafe Services

Will the politicians not give us a break? We now have another vote to ponder over. I suppose that the decision to go for another General Election is a logical one, but, probably the same as a lot of voters, I am getting tired of the incessant political ramblings and the need to make another decision!

Callsafe have decided to be proactive regarding the incorporation of CDM and health and safety requirements into the Building Information

Modelling (BIM) process. We are currently discussing the software necessary to do this with a software partner, with the hope that the software will be ready, after beta-testing, in the summer. We will let you know when this is available. and what it can do.

Please see our advert for the **UKATA Asbestos Awareness** courses within the newsletter. The choice of face-to-face or elearning versions is now available.



**Dave Carr** 

Managing Director Callsafe Services

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# JOINING FORCES TO HELP CONTRACTORS, INSURERS AND HOUSEHOLDERS HOLD BACK THE TIDE OF REPEAT FLOODING

CIWEM, ICE and RICS have joined forces to call for a code of practice for the installation of property-level flood resilience measures to help householders and insurers avoid repeat flooding.

Flooding risk: householders, businesses and insurers need to have confidence in the quality of flood protection measures installed on properties.

Currently, incomplete information about the type and quality of property flood resilience (PFR) increases the vulnerability of householders and insurers to flooding through poor quality PFR installations. Two building contractors alerted the Chartered Institution of Water and Environmental Management (CIWEM) to the existence of poor quality PRF installations. Simultaneous research by the Building Research Establishment supported this view.

As a result, a coalition of leading civil engineers, water and environment management professionals and chartered surveyors are calling on the government to adopt a code of practice for the installation of PRF measures – or leave

thousands of properties vulnerable to repeated flooding, wasting millions of pounds of taxpayers' and insurers' money.

Since the winter storms of 2015 when over 16,000 homes suffered flooding, properties flooded at that time have been able to apply for up to £5,000 of PFR funding. This comes from central government but is administered by local authorities. However, many PFR installations have been poor quality.

While DEFRA's Flood Resilience Action Plan (September 2016) calls for 'standards, training and skills', this newly-formed coalition want to go further. This week the coalition announced the creation of a steering group to oversee the Construction Industry Research and Information Association's (CIRIA) development of the PFR code of practice.

## CLEAR UNAMBIGUOUS INSTALLATION INSTRUCTIONS

A code of practice would have three core advantages. First, it would provide clear unambiguous descriptions about what to do when installing PFR at each property, for contractors, engineers and surveyors on the one hand, and householders on the other.

A PFR code of practice would enable all stages in PFR installation, from assessment of the most appropriate type of PFR at the start of the process, to the creation of an insurance certificate about the PFR installed in a property at the end, to be performed to suitably high standards.

The code of practice needs to be not just a general guide but a chapter by chapter description of what contractors, engineers and surveyors need to do and an easily-understood description of what members of the public need to look for in terms of training, skill and insurances from PFR installers. The guide will be available for free on the internet when finished.

#### EFFECTIVE COALITION OF LEADING BUILT ENVIRONMENT ORGANISATIONS

The second advantage of the proposed code of practice comes from the breadth and high standing of the built-environment coalition—CIWEM, ICE, and RICS — who collectively have the most direct responsibility for property flood protection.

By including civil engineering, water and environment managers and chartered surveyors in one group, the code of practice will have good standing in the built environment sector, can be rolled-out most effectively and include the unique needs of each professional group where appropriate.

## RELIABLE AND DETAILED RISK INFORMATION FOR INSURERS

The third advantage of the proposed code of practice is that it will provide reliable information for insurers about the type and quality of PFR measures that are installed in each property.

This will enable the insurance industry to assign market-based insurance costs to individual properties based on each property's flood risk and types of installed PRF, rather than being based on average estimations by flood-risk area. This will help align the incentives between property owners, contractors, engineers, surveyors, insurers

and funders so that the most effective PFR measures are installed.

At present, it is impossible for insurers to estimate reasonable market costs for insuring each property. A code of practice and certification scheme would help develop market intelligence for the insurance industry, both for present needs and future needs after 2037, when the current insurance regime for at-risk properties (FloodRe) will end.

The benefits of a new built environment collaboration Awareness of this issue, the seriousness with which the coalition is responding, and the proposed way forward, are all a testament to the strong relationships between contractors, engineering and surveying professionals. Cross-professional working alerted us to the existence of the issue and will help us solve it. Working collaboratively with built environment professionals throughout the whole process of PFR installation will enable the coalition to oversee the development of a code of practice to help professionals, householders and the insurance industry deal with flood risks most effectively.

Solving technical problems for engineers, water managers, surveyors and contractors therefore also helps householders and insurers with their responses to increasing urbanisation and climate change.





# UKATA AS AWARENE

CALLSAFE SERVICES LIMITED HAVE NOW COURSE FROM UKATA, BOTH AS A FACE-TO

The face-to-face course is offered as an in-house where the trainer presents the course within an organisation's own premises, so reducing venue, travelling and accommodation costs for the delegates.

REQUES A QUOT

This course, in both the face-to-face and elearning ve satisfies the requirements for training of those who m come into contact with asbestos containing materials part of their jobs, such as electricians, plumbers, deci etc; but does not qualify persons to work on asbesto containing materials. Both courses include the require for asbestos awareness training; as stated in the HSE document, L143 Managing and working with asbestos & Guidance (Second edition).

Both courses are also suitable for Principal Designers and Designers as part of their continuing professional development (CPD), enhancing their knowledge about asbestos and where it can be found.

# **BESTOS**

ACHIEVED ACCREDITATION OF OUR ASBESTOS AWARENESS D-FACE TRAINING EXPERIENCE AND AS AN ELEARNING COURSE.

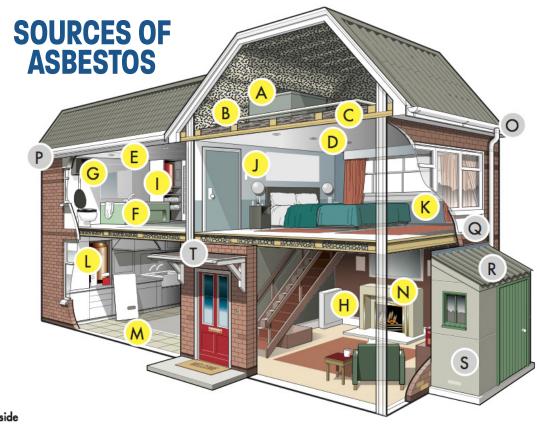
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- ACoP

ements



#### Inside

- A Asbestos cement water tank
- B Pipe lagging
- C Loose fill insulation
- D Textured decorative coating e.g. Artex
- E AIB ceiling tiles
- F AIB bath panel
- G Toilet seat and cistern
- H AIB behind fuse box

- AlB airing cupboard and/or sprayed insulation coating on boiler and hot water tank
- J AIB partition wall
- K AlB interior window panel
- L AIB around boiler, storage heaters and warm air heating systems
- M Vinyl floor tiles
- N AIB behind fire

#### Outside

- Asbestos cement gutters and downpipes
- P Soffits AIB or asbestos cement
- Q AIB exterior window panel
- R Asbestos cement roof
- s Asbestos cement panels
- T Roofing felt

AIB = Asbestos insulating board



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# SIMPLIFIED ISO 45001 DRAFT ISSUED FOR CONSULTATION

The latest, and possibly last draft, of ISO 45001, the international standard for occupational safety and health management systems, has been issued for comment by BSI, the UK's national standards body (NBS).

The amended draft international standard (DIS) was drawn up after NBSs rejected the previous version.

Nevertheless, the latest one does not represent a substantial revision of the first DIS, according to IOSH head of policy Richard Jones, who represents the institution as a "liaison body" for the development of the new standard.

"The terms and definitions have all been agreed and the whole thing has been tidied up," said Jones. He added that the annex containing advice on measures to meet the standard had been substantially simplified.

If the latest DIS is accepted in a ballot of 70 NBSs held between May and July, the International Organization for Standardization's rules allow the bodies to vote to drop the final draft (FDIS) stage, unless technical changes are made to the previous draft.

Jones told IOSH Magazine that, if there are no technical changes as a result of the current consultation, the final standard is likely to be published in late November. If an FDIS is required, publication will be delayed again, probably until February or March 2018.

IOSH members can comment on the new DIS until 16 June by logging in at **bit.ly/2piPjOE** 

ISO 45001 is expected to replace BS OHSAS 18001. A three-year transition period is anticipated after the new standard is published. ISO 45001 will join a suite of standards for management systems, including ISO 14001 for environmental management and ISO 9001 for quality systems.

# CDM2015 AND



The Building Information
Modelling (BIM) process
requirements and the
Construction (Design and
Management) Regulations
2015 (CDM2015) requirements
are very similar as to their
needs and objectives.

If BIM systems are used on a project and they have not been integrated with the CDM2015, we will have missed a unique opportunity in the development of project, health and safety, and asset management.

The Building Information Modelling (BIM) process should:

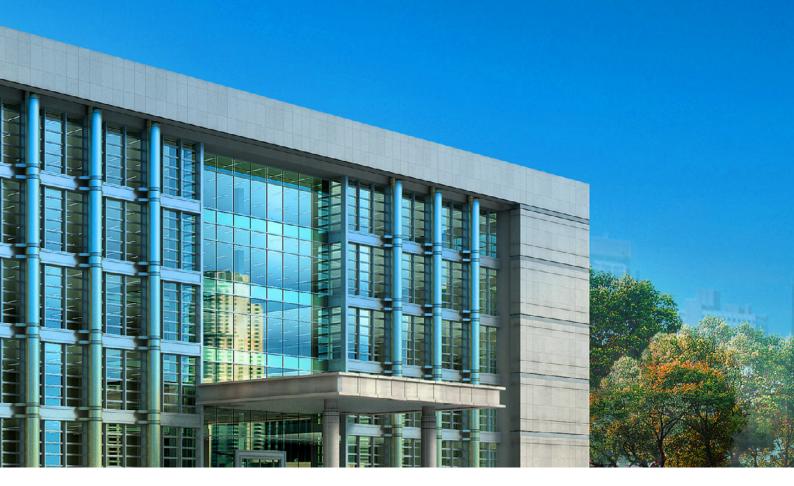
- Create a common language applicable to all;
- Allow decisions to be data driven via a single version of the truth;
- Deliver benefits by using data and embracing efficient use of technology; and
- Bring process, people and technology together.

#### **BIM** requires the following:

- Employers Information Requirements (EIR);
- BIM Execution Plans in response to the EIR; and
- Information Delivery Table clarifies the information to be exchanged on a project, data ownership and standards.

The Construction (Design and Management) Regulations 2015 (CDM2015) requires:

# BIM SYNERGY



- Understandable information supplied to all who need it at the right time, known as the Pre-Construction Information (PCI) within CDM2015;
- Effective health and safety management from conceptual design, through detailed design, tendering, construction to commissioning and handover;
- Design that is performed by an integrated team, with all interfaces addressed to create a complete design that has

eliminated and reduced health and safety risks to a reasonably practicable level;

- Effective cooperation, coordination and communication between all of the duty holders, the client, designers, the principal designer, contractors, the principal contractor, and other stakeholders;
- An effective construction health and safety management system, known as the Construction Phase Plan (CPP)

within CDM2015;

• Useful information provided for the future use, maintenance, repair, cleaning, modification and demolition/dismantling, known as the Health and Safety File (HSF) within CDM2015, plus the other asbuilt and operational and maintenance information.

An example of the synergy between the requirements of BIM and the requirements of CDM2015 is the similar requirements for the EIR and those of the PCI. The following is an amended version of the EIR requirements contained in PAS 1192-2:2013, Specification for information management for the capital/delivery phase of construction projects using building information modelling.

# Employers Information Requirements (EIR) The EIR

The EIR should contain:

- The levels of detail required for information management, including when information is required, from whom and in what format, this will populate the Model Production and Delivery Table;
- Any specific training requirements for operating the information management system, such as familiarisation with a particular software system;

- Requirements for planning and reporting on work and the managing of the modelling process, if required, and naming conventions, etc.);
- How design co-ordination and clash detection is to be performed;
- How the collaboration between contracted parties will be achieved, particularly where complex contractual relationships are involved on the project;
- Description of the management arrangements to ensure HSE/CDM compliance, including who will be the principal designer and the principal contractor for all stages of the project
- A schedule of any security and data integrity requirements for the project;

- A schedule of any specific information to be either excluded or included from information models;
- A schedule of any particular constraints set by the employer on the size of model, and other, files, the size of extranet uploads or emails, or the file formats that can define the size of a volume;

Project specific information, such as pre-construction surveys or a requirement for the employer to receive information models describing newly generated products and assemblies;

- The requirements for bidders' proposals to address the management of the coordination process;
- Specific requirements for the assembly of the required model, including base coordinates and



the purposes to which the model is to be used both during and after construction;

- Definition of how information is to be exchanged, including work stages;
- The competence assessment methods and requirements.

# PRE-CONSTRUCTION INFORMATION (PCI)

Other than the competence assessment requirements, which under CDM2015 is covered by Regulations 8(1) and 15(7) to assess the skills, knowledge, experience and organisational capability, the above requirements are generally covered by the requirements for the Pre-Construction Information (PCI), to be supplied by the client.

L153, Managing health and

safety in construction – CDM2015 Guidance, Appendix 2 states:

When pre-construction information is complete, it must include proportionate information about:

- (a) The project, such as the client brief and key dates of the construction phase;
- **(b)** The planning and management of the project such as the resources and time being allocated to each stage of the project and the arrangements to ensure there is cooperation between dutyholders and the work is coordinated:
- (c) The health and safety hazards of the site, including design and construction hazards and how they will be addressed;
- (d) Any relevant information in

an existing health and safety file.

The information should be in a convenient form and be clear, concise and easily understandable to help other dutyholders involved in the project to carry out their duties.

An analysis of the requirements between the EIR and the PCI will indicate that there are many similarities between the requirements, and as health and safety management should be part of an overall management system the requirements of CDM2015 should be incorporated into the overall project management system, of which BIM should be the most significant element.

It does not make economic sense, or create an effective management process not to integrate CDM2015 into BIM.





#### THE SYNERGY OF CDM2015 AND BIM

25 MAY 2017 **SBIM170525** 

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### TRAINING & EVENTS

#### **CALLSAFE PUBLIC COURSES**

We have programmed a number of public courses as follows. The detailed programme of courses is shown on the previous page.

#### MANAGEMENT OF PRE-CONSTRUCTION HEALTH AND SAFETY 3 DAY COURSE



This APS accredited course is aimed at those persons who will be performing the duties of the Principal Designer on behalf of their employer, who has been appointed to this role by the Client.

It provides knowledge on the requirements, methods that could be used to achieve these requirements and the personal qualities necessary. The course also provides for the additional services that could be offered by the Principal Designer, or as a separate commission, for advising and assisting the Client with the Client's duties.

# DESIGN RISK MANAGEMENT AND CDM2015 FOR DESIGNERS 2 DAY COURSE



This APS accredited course is aimed at Designers and Design Risk Managers, providing a full understanding of the Designers' duties under CDM2015 and the options that are available for achieving these obligations.

The course could also be suitable for Principal Designers if they are experienced in the design requirements of CDM2007. Discussions and debates are encouraged throughout this course.

#### CDM2015 AWARENESS 1 DAY COURSE

This APS accredited course is designed to provide all persons involved in construction projects, including current and potential clients, project managers, principal designers, designers, principal contractors and contractors with a broad overview on the CDM Regulations 2015.

## CDM2015 FOR FACILITIES MANAGERS 1 DAY COURSE

This non-accredited course is designed to provide Facilities Managers, and designers and contractors working for Facilities Managers, with an understanding of their duties under the CDM Regulations 2015. Larger fit-out and refurbishment projects will be discussed as well as planned maintenance and reactive repair activities.

## THE SYNERGY OF CDM2015 AND BIM 1 DAY COURSE

This course has been developed for clients, designers, principal designers, contractors and principal contractors performing duties under the Construction (Design and Management) Regulations 2015 (CDM2015) and are likely to perform these duties on projects that will comply with the Building Information Modelling (BIM) requirements. This course would also be useful to facilities and asset managers who may be considering the benefits of BIM and software designers developing the BIM software.

How the BIM process can be utilised to more effectively and efficiently comply with the requirements of CDM2015 are discussed, with examples.

Further details of these, and other, courses can be found on our website: **www.callsafe-services.co.uk**, or by contacting Gemma Esprey at: **gemma.esprey@callsafe-services**.co.uk or by phone on: 01889 577701

#### **IN-HOUSE COURSES**

The above public courses, and many other CDM and other health and safety courses are offered as 'in-house' courses, where the trainer presents the course at a venue provided by the delegates' employer, and are priced at a daily rate.



### THE LASTEST CALLSAFE RELEASE ONLINE NOW!!

**CLICK PLAY TO WATCH** 







Ai Solutions have been an associate company of Callsafe Services for many years, during which time we have collaborated on a number of CDM and asbestos related services and training. The following announcement has been made by Ai Solutions to advertise their forthcoming event, at which Dave Carr, Managing Director of Callsafe, will be presenting.

The Event – by Ai Solutions We are exceedingly happy to announce that we will be running a prestigious Health and Safety event on Tuesday 13th June 2017 at the London Marriot County Hall. We are looking forward to some

healthy debating from our speakers and attendees. So, as usual, we will have a fabulous line up of speakers who will be providing you with valuable health and safety information regarding:-

- CDM and BIM working together
- Asbestos understanding your obligations
- Legislative areas like lead paint and legionella
- Advice on environmental good practice
- Latest information from the HSE in regard to the CDM2015 regulations
- Intelligent Statutory documentation
- Skills shortage in the

construction industry

Additionally you will have a chance to join in the forum at the end of the event to ask your burning questions of our industry experts. That, plus refreshments and a lovely lunch at a central London location, equates to a day well spent updating your health and safety knowledge and gaining CPD points.

Spaces are limited, so to book your place at this important event please go to book my place or contact a member of the team on 01525 850080 or email events@aisolutions. **co.uk** to get your information

pack about the event.

# **BOOK YOUR PLACE TODAY**

# **ELECTRICITY SUPPLIER FINED AFTER WORKERS' DEATH**

Electricity North West Ltd has been fined £900,000 after a worker died from falling six metres while carrying out routine maintenance of power lines.

On the 22 November 2013, the 63 year old employee, Mr John Flowers, who was an experienced linesman, climbed a ladder resting against a wood pole in order to trim ivy away from the power lines. It is believed that Mr Flowers somehow cut through his work positioning strap and fell to his death.

Preston Crown Court heard that the work of trimming the ivy off the pole was not identified as short duration work and was not suitable to be undertaken working from a ladder. The company failed to properly plan the work; no provision was made for the use of a mobile elevated work platform to undertake the task.

The Health and Safety Executive (HSE) investigation found the work had not been properly planned. The ivy growing onto the electricity conductors was first identified some five years before the accident and then again in June 2013. A survey of the vegetation clearance work which was required was undertaken six weeks prior to the incident. However none of this information was given to any of the linesman, and they were not provided with information on how the work was to be carried out.

Electricity North West Limited was found guilty of breaching Regulation 4(1) of the Work at Height Regulations 2005, was fined £900,000 with costs to be agreed at a later date.

# FINE FOR TWO COMPANIES FOLLOWING ASBESTOS INVESTIGATION IN SURREY

Two companies have been fined after unsafe asbestos work was carried out on a property in Leatherhead, Surrey.

Staines Magistrates' Court heard how Kingsley Asbestos Services Limited (KAS), although a licensed asbestos removal contractor, was sub contracted by Bourne Valley Construction Services Limited (BVCS) to carry out the work.

KAS removed some asbestos containing materials and agreed to carry out repair works on other water damaged materials within the properties. During works to cut away damaged wall coverings in the kitchen, one of the workers cut into a pale coloured board which after subsequent testing proved it to be Asbestos Insulation Board.

A Health and Safety Executive (HSE) investigation found BVCS failed to plan the work and pass on information to KAS. It was the responsibility of both BVCS and KAS to arrange for a refurbishment and demolition survey. As a consequence work was carried out without establishing the location, presence and extent of asbestos containing materials on site.



HSE Inspector Rebekah Dunn said: "Asbestos still kills around 5000 workers each year and around 20 tradesmen die each week as a result of past exposure.

"BVCS were in control of the works and should have provided information identified in such a survey or assessment regarding the presence of asbestos to KAS as their sub-contractor." Bourne Valley Construction Services Ltd pleaded guilty to breaching Regulation 13 (2) of the Construction (Design & Management) Regulations 2007, was fined £8000 and ordered to pay full costs.

Kingsley Asbestos Services Ltd pleaded guilty to breaching Regulation 5 (1) (a) of the Control of Asbestos Regulations 2012, was fined £6000 and ordered to pay full costs.

#### TWO CONSTRUCTION COMPANIES FINED AFTER WORKER SUFFERS SEVERE ELECTRIC SHOCK

BAM Construction Limited and Shoreland Projects Limited have been fined after a man suffered multiple life changing injuries including severe burns to his neck.

Winchester Crown Court heard how BAM Construction Ltd had been appointed by Network Rail to construct a new railway operating centre in Basingstoke. BAM later appointed Shoreland Projects Ltd as the groundworks contractor for this project.

On 26 January 2015, when work began to install lampposts on the site entrance road,

the fifth lamp post touched the 11kV overhead power lines when it was being lifted into position by an excavator, causing Mark Bradley to suffer his injuries. A colleague rushed to Mark's aid, using a piece of timber to push him away from the lamp column.

An investigation by the Health and Safety Executive (HSE) found a failure to properly identify the presence of the overhead power lines and appropriately plan this work activity. No suitable control measures were in place to prevent contact with the overhead power lines. A number of workers were put at risk, including Mr Bradley.

BAM Construction Limited pleaded guilty to breaching Regulation 14 of the Electricity at Work Regulations 1989. The company has been fined £260,000 and ordered to pay costs of £9415.13.

Shoreland Projects Limited also pleaded guilty to contravening Regulation 14 of the Electricity at Work Regulations 1989, has been fined £22,000 and ordered to pay costs of £8442.53.

# SOUTH DEVON ENGINEER SENTENCED FOR UNREGISTERED GAS WORK

An unregistered plumber has been sentenced after conducting gas work and leaving it in a dangerous state.

Torquay Magistrates heard how Stephen Barton undertook the installation of a gas

cooker and gas boiler at two separate properties in Dawlish and Exeter during January and May 2016. Gas Safe Register who inspected his work at the homes classed it as dangerous.

An investigation by the Health and Safety Executive (HSE) found that Stephen Barton wasn't Gas Safe Registered at the time he conducted this work.

Stephen Barton pleaded guilty to breaching Regulation 3(3) of the Gas Safety Installation and Use Regulations 1998 and breaching Section 3(2) of the Health and Safety at Work Act 1974. He has been sentenced to undertake 300 hours of unpaid community work and to pay £3,600 in costs.

# ELECTRICIAN FINED AFTER APPRENTICE LEFT WITH LIFE CHANGING INJURIES

A Birmingham electrician has been ordered to carry out unpaid work in the community after his trainee fell three and a half metres through a plasterboard ceiling.

Birmingham Magistrates' Court heard that the apprentice electrician, Soheil Afrapour, spent 23 days in hospital after suffering head injuries. He was installing wiring above the false ceiling for Mr Soheil Alipour.

A Health and Safety Executive (HSE) investigation found there was no proper planning for work at height and Alipour did not fulfil his duty of care.

Soheil Alipour pleaded guilty to breaching Work at Height Regulations 9(2) 2005, was given 120 hours unpaid Community work and ordered to pay full costs of £1152.24.

HSE Inspector Gareth Langston said: "It's important that employers put the safety of their workers, especially young inexperienced apprentices, at the forefront of their plans and consider precautions when working at height. This incident could have been prevented if there was proper planning in place using boards above or scaffolding below."

#### COMPANY FINED AFTER WORKER HURT WHILE UNLOADING HEAVY GLAZED DOORS

Munster Joinery (UK) Ltd has been fined after one of its workers was struck by a triple-glazed double door during unloading at a construction site.

Oxford Crown Court heard that in October 2013 the worker, Michael Jephcott, was part of a Munster team at a large house building site in Cholsey Meadow, Fairmile, Oxfordshire to deliver and install doors and windows. During unloading he was struck on the head by a set of double doors, knocking him unconscious and leaving him with whiplash and headaches. He required physiotherapy for some time afterwards.

An investigation by the Health and Safety Executive (HSE) found there had been several previous injuries to Munster site workers, during unloading and handling



of heavy glazing units. The company had previously been warned by both HSE and their own safety consultant that they needed to implement a safe system of work for transporting, unloading and handling their products. However, the company consistently failed to properly investigate these incidents, didn't ensure loads were secured safely, hadn't clearly identified or marked the different weights of the glazing units and hadn't monitored the availability of necessary equipment at delivery sites.

Munster Joinery (UK) Ltd pleaded guilty to breaching Section 3(1) of the Health and Safety at Work etc Act 1974, was fined £300,000 and ordered to pay costs of £18,424.98.

His Honour Judge Peter Ross commented that "the culture of the business was at the route of the problem" and that "systemic management failings" were the cause of the breaches of the law and resulting injuries. Speaking after the hearing HSE inspector Dominic Goacher said: "Our investigation found that workers at Munster were unable to follow a safe system of work. There is no excuse for this level of negligence when workers are required to handle heavy products regularly.

"This case and the penalty awarded sends out a very strong message. The aim should be to move heavy objects mechanically wherever possible and to reduce the risk of injuries by other means where some manual handling is still required. Too many workers experience long term suffering because of unsafe manual handling."

#### MANCHESTER HOSTEL OWNERS SENTENCED OVER ASBESTOS FAILINGS

Two family run companies have been fined after admitting health and safety failings at a site in Manchester, where they were carrying out a basement conversion.

Manchester Crown Court heard how Hatters Taverns Limited had appointed sister company Hatters Hostel Limited as the main contractor for the basement conversion beneath a hostel at 50 Newton Street, Manchester.

The project involved the full strip out and refurbishment of the basement, a former restaurant unit, into a bar venue.

An unannounced visit by the Health and Safety Executive (HSE) was conducted to inspect the ongoing refurbishment works. During the visit it was discovered there had been no asbestos survey carried out before tradesmen started stripping out the majority of the space.

Hatters Taverns Limited pleaded guilty to breaching Regulation 4(3) of the Control of Asbestos Regulations 2012 and was fined £10,000.

Hatters Hostel Limited pleaded guilty to breaching Regulation 5(a) of the Control of

Asbestos Regulations 2012 and was fined £24,000 and ordered to pay the combined costs for both defendants of £10,232.50.

# COMPANY FINED AFTER WORKER SUFFERS HAND INJURIES

PD Lift Services Limited has been fined £36,000 after a worker lost his thumb while working on passenger lifts in north London. Westminster Magistrates Court heard how the worker was replacing the lifts at Tufnell Park underground station. On 26th October 2015, while lowering and guiding weights down the lift void, the load fell and amputated his thumb. An investigation by the Health and Safety Executive (HSE) found the lifting activity was not properly planned, or carried out safely. All four employees of PD Lifts were also exposed to serious work at height risks.

PD Lift Services Limited pleaded guilty, was fined £36,000 and was ordered to pay full costs of £1173.60, plus a victim surcharge of £120.

# FIRM FINED AFTER WORKER INJURED WHEN PIPE FELL INTO TRENCH AND STRUCK HIM

An Essex company who are specialists in gas infrastructure have been fined after an employee suffered serious injury when a pipe fell into the trench he was working in and struck him.

Maidstone Crown Court heard how an employee of Forefront Utilities Limited had

entered a trench in Rochester, Kent to connect gas pipes. The new pipes were rested on packing timber across the trench, but the weight caused the tarmac to give way.

The pipe fell into the trench and struck the employee causing significant injury including a fractured spine. He is paralysed and has no feeling in his bowel.

An investigation by the Health and Safety Executive (HSE) into the incident which occurred on 23 May 2014 found the method for jointing newly laid sections of pipe to previously laid pipe was unsafe.

Forefront Utilities Limited were found guilty of breaching Section 2(1) of the Health and Safety at Work etc. Act 1974, and was fined £200,000 and ordered to pay costs of £56,686.

# CONSTRUCTION COMPANY FINED AFTER DEATH OF WORKER

Hague Construction Limited has been sentenced following the death of Daniel Clifford Yeowell.

Lewes Crown Court heard Mr Yeowell was employed by Hague as a ground worker and on 4 October 2013 he and his colleagues were constructing and installing drainage boxes at a site at Langley Green Primary School, Crawley, West Sussex. Mr Yeowell was struck by a concrete drainage cover as he was standing in the excavation area and later died as a result of his severe head injuries.



An investigation by the Health and Safety Executive (HSE) found that Hague failed to properly plan this lifting operation and also failed to supply workers with the safe and appropriate equipment to carry the work. It was also found the lifting chains used were too long for the work and were not attached safely to the cover or the excavator.

Hague Construction Limited has pleaded guilty to breaching Section 2 (1) of the Health and Safety at Work Etc Act 1974 and has been fined £100,000 and ordered to pay costs of £16,918.

### CONTRACTOR FINED AFTER WORKER FATALLY CRUSHED

CMF Ltd has been fined after 31-year-old subcontractor Richard Laco died when working on large construction project in London.

Southwark Crown Court heard that Richard had been contracted by CMF to work on the Frances Crick Institute project. He was fatally crushed on 6 November 2013 by a concrete staircase that was in the process of being installed.

An investigation by the Health and Safety Executive (HSE) found there was no safe system of work in place for the installation of the staircases throughout this project. It was also found the company failed to appropriately supervise this work activity. CMF Ltd has pleaded guilty to breaching Section 3 (1) of the Health and Safety at Work

Act 1974, and has been fined £185,000 and ordered to pay costs of £20,606.14.

Speaking after the hearing HSE inspector Stephen Farthing said: "This incident could have been prevented if the company had properly planned the lifting process before work had begun.

"Duty holders have the responsibility of ensuring that safe and suitable lifting plans are in place before carrying out any work involved with heavy loads."

# ROOFING CONTRACTORS SENTENCED OVER UNSAFE ROOF WORK

Two local roofing contractors have been sentenced after putting their workers at risk of harm during roof replacement works in Oldham.

MKM Fabrications Ltd had been employed as the principal contractor to carry out a roof replacement on one of the buildings at Valley Mills, Millgate, Delph, Oldham which is currently used for textile production.



The company subcontracted part of the project, which involved replacing a northern light roof structure with a modern composite roof, to Clad-It Limited, which effectively meant employees from two companies were alongside one another.

Concerns were raised to the Health and Safety Executive (HSE) claiming that men were working on the roof with nothing in place to prevent them falling off the edge or through the roof onto mill workers below.

The subsequent HSE investigation confirmed these hazardous working conditions were in place, with workers from both MKM and Clad-It at risk. Inspectors also established that these working practices continued during snowy weather.

The roof was covered in fragile skylights which had not been covered to prevent any person stepping onto them and falling through, nor were any measures taken to prevent a worker falling through the large gap created after the skylight had been removed. Mill employees were also at risk from being hit by falling tools or debris.

Prohibition Notices were served stopping the works until a safe method could be found and put into place.

As principal contractor for the works, MKM Fabrications had the primary responsibility for the health and safety of workers. MKM failed to effectively plan the safe completion of the project and failed to put in place measures to prevent anyone falling from the unguarded sections of the roof.

MKM Fabrications pleaded guilty at Manchester Magistrates' Court to breaching Sections 2(1) and 3(1) of the Health and Safety at Work etc Act 1974 and was fined £66,000 with £3938.38 costs.

As subcontractor for the works Clad-It had a duty to protect its own workers as well as anyone affected by its works. By allowing its employees onto site without a suitable and sufficient planning being in place, or any physical safeguards to prevent a fall from height, the company exposed its own workers to those risks.

Clad-It Limited pleaded guilty at Manchester Crown Court to breaching Sections 2(1) and 3(1) of the Health and Safety at Work etc Act 1974 and was fined £66,000 with £3938.38 costs.

## UNREGISTERED GAS WORKER JAILED AFTER UNSAFE GAS WORK

A self-employed gas fitter has been imprisoned after installing a new boiler without being Gas Safe registered.



Michael Trent Algar today pleaded guilty at Manchester Magistrates' Court after an investigation by the Health and Safety Executive (HSE).

The court heard that Algar had been employed to install a new boiler in a domestic property. The homeowners ran a bath for their daughter and smelled gas. They contacted another Gas Engineer who carried out the repairs and found that the flue had not been replaced.

The flue that had been left had a gap which allowed products of combustion to enter into the property. He deemed this as immediately dangerous and it was reported to Gas Safe Register.

The Court heard that Mr Algar was not Gas Safe registered and has never been registered. He had received advice from HSE on previous occasions in relation to similar matters.

Michael Trent Algar pleaded guilty to breaching three charges under the Gas Safety (Installation and Use) Regulations 1998 and received a 14-month custodial sentence.

Speaking after the hearing HSE inspector Lisa Bailey said: "The homeowners were very lucky in this case. Had they not acted as quickly as they did the consequences could have been devastating.

"Michael Algar carried out Gas work despite not being competent or Gas Safe registered. It is important that homeowners check the Gas Safe registration number of any engineers who attend their property. I hope this sentence sends a message to other unregistered Gas Installers."

Girls' School fined after teacher seriously injured in fall from height

Westminster Magistrates' Court heard that on 9 May 2016 a teacher was conducting rigging and adjustments to spotlights and cabling in the school drama studio when he fell from a stepladder. A fellow teacher present in the room turned to find her colleague had fallen from the ladder and was unconscious on the drama studio floor having suffered multiple fractures to the skull, wrist and elbow as a result of the impact.

The court also heard that the defendant, Queen Elizabeth's Girls' School had inadequately risk assessed work at height in its Drama Studio and had failed to provide the teachers conducting the work with sufficient training for work at height, despite these matters being requirements in its own health and safety policy, and despite the presence of a health and safety e-learning tool available for teachers and other staff to use, which included a module on work at height, but which was only made mandatory after the incident.

Queen Elizabeth's Girls' School, the legal entity controlling the Academy converter school, pleaded guilty to a breach of Regulation 6(3) of The Work at Height Regulations 2005, was fined £2000 and ordered to pay full prosecution costs.



A Yardley House, 11 Horsefair, Rugeley, Staffordshire WS15 2EJ T 01889 577 701 E enquiries@callsafe-services.co.uk W www.callsafe-services.co.uk







callsafeservicesItd 💓 @callsafesvcsItd in callsafe-services-limited