

# School fined after a pupil was severely injured using a band saw

Cargilfield School has been fined following the incident where a pupil sustained severe cuts to his middle and index finger on his right hand and serious tendon damage, when using a band saw.

Edinburgh Sheriff Court heard that, between 1 September 2015 and 2 November 2017, in the Construction Design and Technology Workshop at Cargilfield School, Edinburgh, pupils made wooden boxes using a band saw which is classed as a dangerous machine.

An investigation by the Health and Safety Executive (HSE) found Cargilfield School failed to make a suitable and sufficient assessment of the risks arising out of or in connection with use of the band saw and failed to adequately supervise pupils while they were carrying out tasks using the band saw. The pupil was making a free hand cut on the band saw without adequate workpiece support and was not adequately supervised.

Cargilfield School of Gamekeepers Road, Edinburgh pleaded guilty to breaching Sections 3(1) of the Health and Safety at Work Act and was fined £3,350.

After the hearing, HSE inspector, Karen Moran said: "A band saw is considered a dangerous machine when used by adults, let alone children. This significant and very serious injury could have been prevented had the risk been identified and properly managed. All schools should take steps to ensure the safety of their pupils and HSE will not hesitate to take appropriate enforcement action against those that fall below the required standards."

## **Notes to Editors:**

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## HSE SCIENTIST WINS ROYAL SOCIETY OF CHEMISTRY'S EXCEPTIONAL SERVICE AWARD

Health and Safety Executive (HSE) principal scientist Dr Jackie Morton has received The Royal Society of Chemistry Exceptional Service Award.

Dr Morton, based at HSE's Science and Research Centre in Buxton, is part of a biological monitoring team whose work involves determining workplace exposures to chemicals. Her area of expertise includes the analyses of toxic elements (such as lead) in biological samples.

She was nominated for the award for her ongoing voluntary commitment to the Royal Society of Chemistry (RSC) Sheffield and District Local Section; and, the RSC Atomic Spectroscopy Group.

Dr Morton is the programme secretary of RSC Sheffield and District Local Section and organises a variety of chemistry themed public events during the year including lectures, school and pub quizzes and school visits. This included a street event in Buxton earlier this year where school children were invited to visit booths and take part in hands on science experiments.

Dr Morton also acts as treasurer for the RSC Atomic Spectroscopy Group a national group of scientists and academics who share information and knowledge to collaborate in the pursuit of science. As part of this group Dr Morton supports younger scientists working in the Atomic Spectroscopy field and helps to organise a biennial conference to bring together national and international researchers.

She was nominated by colleagues from her team at HSE for an outstanding contribution to proactively and inclusively supporting colleagues and the wider scientific community.

After receiving the award, Dr Morton said: "I am honoured to be nominated for this award; my colleagues are very kind.

"I feel that promoting chemistry, locally in Sheffield and nationally in the atomic spectrometry world is important and worthwhile. If one child has been inspired to follow a scientific path, then that is reward enough. The volunteering that I do is always as part of a dedicated team and I thank them all."

Professor Andrew Curran, HSE's Chief Scientific Adviser, said: "*We are proud of Dr Morton's lifelong efforts to further the advancement of science.*

*"She is a valued member of the team whose innovative work is helping to keep employees safe, while her voluntary activities are contributing to new developments through collaboration and inspiring the next generation of*

scientists.

*“As a regulator we value having colleagues who are dedicated to their industry and community and Dr Morton is clearly a fantastic ambassador of science.”*

Dr Helen Pain, acting chief executive of the Royal Society of Chemistry said: *“We live in an era of tremendous global challenges, with the need for science recognised now more so than ever. It’s incredibly important to recognise those who are making significant contributions behind the scenes towards improving the world we live in as well as inspiring colleagues within the chemical sciences community to do what they can for the people around them.*

*“This award is about celebrating the efforts of the unsung heroes who go above and beyond to support their colleagues and our wider community. It is for this reason we are proud to be presenting this award to Dr Morton, for her outstanding service to the Royal Society of Chemistry through the activities of the Sheffield and District Local Section and the Atomic Spectroscopy Group.”*

The Royal Society of Chemistry’s Exceptional Service Award recognises and celebrates those members who have made a positive impact by contributing through a variety of volunteer positions or over a sustained period of time.

As well as being named winner of the award, Dr Morton also receives a medal.

For further information, see [rsc.li/prizes-awards](https://rsc.li/prizes-awards)

Of those to have won a Royal Society of Chemistry Award, an illustrious list of 50 have gone on to win Nobel Prizes for their pioneering work, including 2016 Nobel laureates Jean-Pierre Sauvage, Fraser Stoddart and Ben Feringa.

Last year, the Royal Society of Chemistry announced it is reviewing its recognition mechanisms. Details of how the awards structure will be changed – to ensure that the way excellence is recognised is fit for today’s needs – will be announced later this year.

**ENDS**

**Issued by Weber Shandwick on behalf of the Royal Society of Chemistry**

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**NOTES FOR EDITORS:**

**Rewarding Excellence and Gaining Recognition**

The Royal Society of Chemistry's Prizes and Awards recognise achievements by individuals, teams and organisations in advancing the chemical sciences. We want to reward those undertaking excellent work in the chemical sciences from across the world.

There are over 80 Prizes and Awards in our main portfolio, all of which aim to accurately reflect the broad scope of achievement in our community. So whether you work in research, business, industry or education, recognition is open to everyone.

More information is available at: [rsc.li/prizes-awards](https://www.rsc.li/prizes-awards)

## **Royal Society of Chemistry**

We are an international organisation connecting chemical scientists with each other, with other scientists, and with society as a whole. Founded in 1841 and based in London, UK, we have an international membership of over 50,000. We use the surplus from our global publishing and knowledge business to give thousands of chemical scientists the support and resources required to make vital advances in chemical knowledge. We develop, recognise and celebrate professional capabilities, and we bring people together to spark new ideas and new partnerships. We support teachers to inspire future generations of scientists, and we speak up to influence the people making decisions that affect us all. We are a catalyst for the chemistry that enriches our world.

## **Health and Safety Executive**

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**[Scaffolding company fined after scaffold collapse causes employee to](#)**

# fall

JR Scaffold Services Ltd has been fined after an employee fell eight metres to the ground and sustained severe injuries when the cantilever section of a scaffold he was erecting collapsed.



Glasgow Sheriff Court heard that, on 2 September 2016, work was undertaken at a four-storey property in Alexandra Parade in Glasgow to erect a tower scaffold to repair a roof. An employee was fitting toeboards to a cantilever section attached to the tower scaffold and the tower partially collapsed causing him to fall eight metres to the ground below.

An investigation by the Health and Safety Executive (HSE) found the company had carried out a risk assessment and method statement for the initial work and erected an eight metre high tower to allow for access to the roof. The tower had been erected in the wrong place. It was decided that, rather than disassemble and reassemble in the right place, a cantilever section would be added. There was no design for the cantilever section and due to there being insufficient anchor ties available on site, it was decided to support the cantilever by splicing the frame of the scaffold. There was also no ballast/counterweight which meant that the top section of the tower was unable to support the weight of the cantilever. When an employee stood on the cantilever section to fit toeboards the top section of the scaffold and cantilever section collapsed.

JR Scaffold Services Ltd, Cardea House, Sandyford Road, Paisley pleaded guilty to breaching Section 2(1) of the Health and Safety at Work etc Act 1974 and was fined £5,000.

Speaking after the hearing, HSE inspector, Helen Diamond said "Falls from height remain one of the most common causes of work-related fatalities in Britain and the risks associated with working at height are well known.

"This incident could have been avoided if the task was properly planned, the existing scaffold was correctly positioned and securely attached to the

tenement and any cantilever section properly designed and attached correctly to the main scaffold.

“Companies should be aware that HSE will not hesitate to take appropriate enforcement action against those that fall below the required standards.”

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## [Illegal gas work left a Devon home in dangerous state](#)

A self-employed property maintenance contractor has been sentenced after arranging and being in control of gas work that his contractors were not registered or competent to do, leaving it in a dangerous condition.

Exeter Crown Court heard how Nigel Borrough, the sole director of Collier Property Management Ltd, quoted for a kitchen re-fit which included the removal of an old gas boiler and the installation of a new gas boiler and hob. The work was undertaken during August 2017 with Mr Borrough using a number of different contractors to assist with the work. The person he got to undertake the gas work was not a member of Gas Safe Register.

When the homeowners requested the commissioning documents for the new gas boiler, Mr Borrough failed to provide these documents. Only after nine requests and 46 days after the boiler was left working but not commissioned, did Mr Borrough reply to the homeowners and arrange for a landlord’s gas safety check to take place. However, a landlord’s gas safety check is a visual check and is not the same as commissioning a gas boiler. A landlord’s gas safety check does not include any of the necessary commissioning gas

safety tests, such as combustion analysis and operating gas pressure.

The homeowners subsequently experienced issues with the boiler and again tried to contact Mr Borrough but without a satisfactory response. The homeowners then arranged for a properly registered gas engineer to inspect the work and found it to be of poor standard and classed it as 'immediately dangerous'. It was found that there was no access panel to allow a flue inspection. There were also a number of 'at risk' defects on the boiler and hob.

An investigation by the Health and Safety Executive (HSE) found that there was no record for the contractor who did the gas works ever having been registered with Gas Safe Register.

Nigel Borrough of Hockworthy, near Wellington pleaded guilty to breaching Regulation 4 of the Gas Safety (Installation and Use) Regulations 1998 and Regulation 3(1) of the Health and Safety at Work (etc) Act 1974. He has been sentenced to 200 hours of unpaid community work and ordered to pay costs of £4,500.

Speaking after the hearing, HSE inspector Simon Jones, said: "Mr Borrough was in control of unregistered gas work.

"As a property professional he knew full well that the gas work must be undertaken by a member of Gas Safe Register but despite this he put the homeowners at serious risk by using a completely unqualified person to undertake his gas work.

"All gas work must be done by a registered Gas Safe engineer to ensure the highest standards are met to prevent injury and loss of life. If a gas boiler is not properly commissioned it should never be left operating as no one can be sure that it is working safely."

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## [HSE safety alert issued against KN95 facemask](#)

The Health and Safety Executive (HSE) is warning against the use of KN95 facemasks as Personal Protective Equipment (PPE).

A safety alert has been issued today, Thursday 11 June 2020, urging all employers and suppliers not to purchase or use KN95 facemasks as PPE.

KN95 is a performance rating that is broadly equivalent to the EU standard for FFP2 facemasks. Products manufactured to KN95 requirements rely on a self-declaration of compliance by the manufacturer. There is no independent certification or assurance of their quality.

This respirator has been identified as suspect by HSE experts and locally arranged testing has confirmed they would not meet requirements, including to protect against the ongoing coronavirus pandemic. About 90% of the PPE concerns and queries currently being received by HSE involve KN95 masks which are often accompanied by fake or fraudulent paperwork.

HSE has quarantined around 1.5 million KN95 masks, prevented 25 million items claiming to be FFP3 respirators entering the supply chain and prevented a further four lines consisting of many millions of items entering the supply chain.

Rick Brunt, HSE's director of operational strategy said: "The KN95 facemask should not be purchased or used.

"KN95 has not been a principal source of PPE for the NHS, who has already made the decision not to supply this respirator to frontline clinicians fighting the coronavirus pandemic.

"We have found that the lack of independent testing has contributed to there being a substantial quantity of inadequate and poor-quality masks on the market, claiming to comply with the KN95 standard.

"We understand a lot of people, mainly in sectors outside of healthcare, have bought these facemasks without realising they are non-compliant. We are concerned that people wearing them are not being protected from breathing in harmful substances in the way they expect. Protective equipment must protect."

Domestic, European and international organisations continue to raise concerns



regarding KN95 masks, including details of counterfeit and illegal products. HSE is working to remove them from the supply chain with colleagues in the Office for Product Safety and Standards (OPSS), Border Force, the Medicines and Healthcare products Regulatory Agency (MHRA) and Trading Standards to identify manufacturers and suppliers of these masks and prevent them entering the UK.

The safety alert does not relate to N95 masks which are manufactured to a US Standard and have been given permission for use specifically in UK healthcare settings.

A copy of the alert can be found [here](#).

## **About HSE**

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