

HSE launches campaign to combat serious aches, pains and strains in construction

- Around 40,000 construction workers suffer injuries to muscles, bones, joints and nerves
- A thousand inspections in October and November
- Serious aches, pains and strains can affect every part of someone's life

Lifting and moving heavy objects on construction sites is harming the health of thousands of brickies and builders to such a degree every aspect of their lives is affected.

Experts at the Health and Safety Executive (HSE) are warning construction workers are picking up injuries and conditions that can stop them working and leave them struggling to stand, walk, or sit down.

HSE inspectors will be carrying out 1,000 inspections in October and November checking how workers are moving heavy or bulky materials.



The law requires employers to prevent the ill health of their workers, which includes injuries to muscles, bones, joints and nerves that can develop over time, known as musculoskeletal disorders (MSDs). However, recent figures show around 40,000 people in the construction industry suffer an MSD each year, which can cause years of agonising aches and pains.

Moving and handling risks should be considered and prevented where possible at the design stage. Once on site and before work starts, employers should talk to workers about controlling existing risks to make sure that the right training, aids and equipment are there to prevent injuries.

If moving and lifting is managed properly, a physical job on a building site

should not result in aches, pains and strains which affect every part of workers' lives.

Matt Birtles, principal ergonomist at HSE, said: "Serious aches, pains and strains can affect every part of someone's life. They can struggle to get themselves dressed and undressed, they can be unable to pick up their children or grandchildren.

"They can struggle to sit down and stand up, they can struggle to keep still and move around. The most intimate parts of their lives can be severely affected – they might be desperate to go the toilet but find themselves unable.

"It's not something that many people feel comfortable talking about, perhaps particularly on a building site, but if your back has gone or if you're in agony whenever you move your arms, measures need to be put in place to address the causes."

HSE's head of construction, Sarah Jardine said: "Inspectors are visiting a range of construction sites to check the action businesses are taking to ensure their workers are being protected.

"Everyone involved in construction has a role to play in keeping people safe. Risks must be managed where they can't be prevented, and risk management arrangements must be reviewed frequently to ensure they are effective.

"We want everyone in the industry, from designers to contractors and their workers, to be aware of the risks associated with any moving or lifting task and put appropriate measures in place.

"This is a significant health issue for tens of thousands of construction workers and can lead to a lifetime of terrible aches and pains. The health of workers must be considered when planning construction work so that they can carry out their jobs without fear of injuring themselves, including being provided with the correct equipment to lift safely.

"Thankfully there are measures that can be taken to prevent injuries to muscles, bones, joints and nerves. Doing so is good for workers and good for the construction industry. It's good for business."

Notes to editors

1. The Health and Safety Executive (HSE) is Britain's national regulator for workplace health and safety. We prevent work-related death, injury and ill health through regulatory actions that range from influencing behaviours across whole industry sectors through to targeted interventions on individual businesses. These activities are supported by globally recognised scientific expertise. <https://www.hse.gov.uk/>
2. HSE has a tool which can be used by employers to assess the risks to their workers of ill health. It can be found at: [Manual handling assessment charts \(the MAC tool\) \(hse.gov.uk\)](#)

3. More information about the HSE campaign, *Your Health, Your Future* can be found at: [WorkRight Construction: Your health. Your future – Work Right to keep Britain safe](#)
4. Statistics on the incidence of MSDs are published in the annual Labour Force Survey – [LFS – Labour Force Survey – Self-reported work-related ill health and workplace injuries: Index of LFS tables \(hse.gov.uk\)](#)
5. Support for the HSE campaign, *Your Health, Your Future*:

Lawrence Webb, President-Elect, Institution of Occupational Safety and Health (IOSH) said:

“Musculoskeletal disorders, or MSDs, are one of the most widely-reported work-related health conditions. They have a huge impact on the lives of many people around the world, impairing their ability to work and their overall quality of life.

“This doesn’t have to be the case. Employers have a legal duty to protect their workers and this includes putting measures in place to prevent MSDs.

“And there are simple steps they can take to achieve this. Simply assessing moving and handling tasks to identify the risks, and then either eliminating the hazard at source or implementing controls that reduce the risk, will have a lasting benefit on the lives of construction workers, organisations and communities.

“IOSH is delighted to support HSE’s campaign. Working together is vital to raise awareness of MSDs, how to eliminate or manage them where necessary in support of construction worker health.”

[Firm failed to control risks to employees from vibration](#)

Two partners in a construction firm have been fined for failing to adequately control the risk to its employees from exposure to vibration when using vibrating tools.

Employees of Roywood Contractors worked at various construction sites using vibrating tools without adequate control. As a result, an employee who had been working at the company for 12 years suffered significant ill-health from hand-arm vibration syndrome (HAVS).

An investigation by the Health and Safety Executive (HSE) found that on or before the 15 January 2020 the company failed to adequately assess the risk to employees from exposure to vibration.

They did not have appropriate measures to control exposure or place employees under suitable health surveillance to monitor their condition.

Andrew Hatto and Paul Kiff, trading as Roywood Contractors, of Tilford Road, Tilford, Farnham, Surrey pleaded guilty to breaching Regulation 6 (1) and 7 (1) of the Control of Vibration Regulations 2005. They were each fined £1,150 and ordered to pay costs of £3,500 each at Basingstoke Magistrates' Court on September 20.

Speaking after the hearing, HSE Inspector Leah Sullivan said: "This was a case of the company completely failing to grasp the importance of hand-arm vibration syndrome health surveillance.

"If they had understood why health surveillance was necessary, it would have ensured that it had the right systems in place to monitor worker's health and the employee's condition would not have been allowed to develop to a severe and life altering stage."

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2. More about the legislation referred to in this case can be found at: legislation.gov.uk/
3. HSE news releases are available at <http://press.hse.gov.uk>

[Company fined £200,000 after worker injured cleaning machinery](#)

A company specialising in the manufacture of stabilisers and additives used in plastic products has been fined £200,000 after an employee suffered serious hand injuries while cleaning machinery.

An employee of Mexichem Specialty Compounds Limited was cleaning the manufacturing line at their site in Chinley, Derbyshire on 21 February 2019 when he was injured. Tonne bags are loaded into a hopper on the line and passed through a rotary valve into final product bags.

The man was attempting to clean a rotary valve, standing with one foot on the machinery framework and the other on a ladder, when he slipped.

As he tried to steady himself, his right hand went into the unguarded rotary

valve resulting in a severed fingertip and lacerations to his hand.

An investigation by the Health and Safety Executive (HSE) found that the company did not have a suitable and sufficient risk assessment or safe system of work in place for cleaning the bagging line.

Operators were also not provided with appropriate information, instruction, and training on how the line should be cleaned. The rotary valve was not guarded and there was no isolation procedure in place for when cleaning was taking place.

The system of work in place at the time of the incident involved working at height, this had not been properly planned.

Mexichem Specialty Compounds Limited, of Beler Way, Melton Mowbray, pleaded guilty to contravening Section 2(1) of the Health and Safety at Work etc Act 1974 and was fined £200,000 and ordered to pay costs of £7,846.78 at Derby Magistrates Court on 6 September 2022.

Speaking after the hearing, HSE inspector Lindsay Bentley said: "All operations and tasks, including cleaning, should be risk assessed. A safe system of work should have been produced and communicated to all operators.

"There is plenty of guidance available on the HSE website to help companies implement good health and safety arrangements to prevent such incidents."

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 2. More about the legislation referred to in this case can be found at: [legislation.gov.uk/](https://www.legislation.gov.uk/)
 3. HSE news releases are available at: <http://press.hse.gov.uk>
 4. Links to further guidance can be found at:
<https://www.hse.gov.uk/pubns/indg163.pdf> – Risk Assessment – A brief guide to controlling risks in the workplace,
<https://www.hse.gov.uk/pubns/priced/l22.pdf> – Safe use of work equipment – Provision and Use of Work Equipment Regulations 1998,
<https://www.hse.gov.uk/pubns/indg401.pdf> – Working at height – A brief guide
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[HSE to prosecute Alexandra Homes Bristol Limited](#)

A Health and Safety Executive (HSE) prosecution is being brought against Alexandra Homes (Bristol) Limited. This follows the death of 18-year-old Melissa Mathieson after she was discovered unconscious at the Alexandra House care home, Knowle, Bristol on 12 October 2014.

Alexandra Homes (Bristol) Limited, of Wells Road, Knowle, Bristol will face charges under Sections 2(1) and 3(1) Health and Safety at Work etc. Act 1974. Yvonne Hin, a former care home manager of Avenue Road, Ilfracombe will also face a charge under Section 37 of the Health and Safety at Work etc. Act 1974.

The charges follow a complex and sensitive enquiry, initially led by the Police.

The first hearing is due to take place on 5 October 2022 at Bristol Magistrates' Court.

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[Company fined after employee becomes drawn into a machine](#)

A manufacturer of paper and paperboard has been fined after an employee was injured when they were drawn into a large paper re-winding machine.

On 19 July 2021 a male employee of Amberset Limited based in Ashford, Kent, sustained injuries of three broken bones in their shoulder, bruising of the elbow and wrist and superficial damage to their head. The man then underwent surgery following the incident, where metal plates and pins were fitted in his shoulder and arm.

An investigation by the Health and Safety Executive (HSE) found that the paper rewinder was not suitably guarded and this had been the case since August 1998. The rewinder allowed access to dangerous parts of machinery at various places including the front of the rewinder where the employee was

drawn by their hand between two exposed rollers.

At Folkestone Magistrates Court on 21 September Amberset Limited pleaded guilty to breaching regulation 11(1)(a) of the Provision and Use of Work Equipment Regulations 1998. The company was fined £2,000 and ordered to pay full costs of £2,197.65.

After the hearing, HSE inspector Peter Bruce said: "Employers should regularly review the safety measures on their plant and equipment to ensure that access to dangerous parts is prevented. The guidance on safe operation of paper rewinders is well established as is the law and guidance on guarding dangerous parts of machinery.

"Employees should be prevented from getting into a position where they can come into contact with dangerous parts of machinery.

"It is fortunate that the quick action of the employee's colleagues in stopping the machine, ensured that they were not pulled further into the machine as their injuries could have been much worse if not fatal."

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2. More about the legislation referred to in this case can be found at: gov.uk/
3. Guidance on health and safety and guarding paper winders safely can be found here: <https://www.hse.gov.uk/pubns/web07.pdf>, <https://www.hse.gov.uk/pubns/priced/hsg279.pdf> <https://www.paper.org.uk/CPI/CPI/Content/The-Paper-Industry/Health-and-Safety.aspx?hkey=e545e6a5-c5c3-4707-ae7c-6731544b6a11>.
4. HSE news releases are available at <http://press.hse.gov.uk>