

RR1113 – Review of Vapour Cloud Explosion Incidents

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Coach building company fined after an apprentice fell from height

A Warrington based coach fabricator has appeared in court after an apprentice suffered serious injuries when he fell through a roof he was working on.

The 25 year old worker from Orford, who has asked not to be named, suffered three fractured ribs and a ruptured spleen as a result of the incident on 14 April 2016.

Liverpool Magistrates' Court heard the worker was assisting other employees with cleaning of the valley gutters on the workshop roof in Hardwick, Warrington when he stepped back onto a fragile skylight, falling 30 feet to the floor below where his fall was broken by a table.

An investigation by the Health and Safety Executive (HSE) found that Bespoke Bodies Ltd had not properly supervised this work at height activity; it was also found the company failed to identify the risks associated with working at height and working on fragile surfaces.

Bespoke Bodies Ltd of Grange Hardwick, Warrington pleaded guilty to breaches of Regulation 3 (1) (a) of the Management of Health and Safety at Work Regulations 1999 and Section 2 (1) of the Health and Safety at Work Act 1974, and has been fined £20,000 and ordered to pay costs of £3339.

Speaking after the hearing HSE Inspector Lianne Farrington said: "Falls from height remain one of the most common causes of work related injuries and the risks with working at height are well known.

"Those in control of work have a responsibility to devise safe methods of working and to provide the necessary instruction and training to their workers."

Notes to Editors:

1. The Health and Safety Executive is Britain's national regulator for workplace health and safety. It aims to reduce work-related death, injury and ill health. It does so through research, information and advice, promoting training, new or revised regulations and codes of practice, and working with local authority partners by inspection, investigation and enforcement hse.gov.uk
2. More about the legislation referred to in this case can be found at: legislation.gov.uk/
3. Further HSE news releases are available at press.hse.gov.uk
4. For further information on working at height please visit: <http://www.hse.gov.uk/work-at-height/index.htm>

Journalists should approach HSE press office with any queries on regional press releases.

£1.2m fine for chemical company after explosion

A chemicals company has been fined £1.2m following an explosion at its site at West Thurrock.

Only two people suffered minor injuries following the blast, which happened during the operation of the hydrochloric acid (HCl) burner on 26 September 2013.

Chelmsford Crown Court heard that the newly installed HCl burner being used by Industrial Chemicals Limited had only been used a handful of times when the explosion occurred. The plant site had been under construction for several months and was undergoing commissioning.

Two workers were injured; one suffered a grazed knee from a breeze block dislodged from the wall of the control room and the other a minor caustic burn caused by a drip from the plant in the minutes following the explosion.

The explosion effectively destroyed a tank and displaced a scrubber column upwards and at an angle. An investigation by the Health and Safety Executive (HSE), acting as part of the COMAH competent authority, found that in an attempt to address risks from chlorine, the company routed the vent gas containing mostly hydrogen through to the plant emergency scrubber where it was able to come into contact with oxygen or chlorine which found an ignition source and then exploded.

Industrial Chemicals Limited of Stoneness Road, West Thurrock pleaded guilty to breaching Regulation 4 of the Control of Major Accident Hazards Regulations 1999, was fined £1.2 million and ordered to pay costs of £35,854.

Speaking after the hearing HSE inspector said: "The investigation has shown that the potential for an explosive atmosphere had not been identified during the design, construction or commissioning of the plant. This incident could have been avoided if simple checks had been carried out.

"Duty holders should be aware that HSE will not hesitate to take appropriate enforcement action against those that fall below the required standard."

A COMAH Prohibition Notice was served following this incident.

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practice, and working with local authority partners by inspection, investigation and enforcement. www.hse.gov.uk

2. More about the legislation referred to in this case can be found at: www.legislation.gov.uk
3. HSE news releases are available at <http://press.hse.gov.uk>
4. Under the Control of Major Accidents Hazards (COMAH), HSE works as part of the Competent Authority. Visit www.hse.gov.uk/COMAH for further information.

Journalists should approach HSE press office with any queries on regional press releases.

[Company fined after worker suffers crush injuries](#)

A Lancashire based company Spectral Colours Limited (SCL) has been fined after a worker was crushed under machinery.

Manchester Crown Court heard how the 57-year old employee of SCL was cleaning the dispersion mixing machine at the company's premises in Crawford Street, Manchester on 30 April 2014. The worker sat on one of the clamping arms when it suddenly toppled over and pinned the worker's leg underneath the machine.

The employee suffered a fractured ankle and serious crush injuries to his foot.

An investigation by the Health and Safety Executive (HSE) found the company failed to properly secure the machinery on site to the ground, increasing the risk of the machinery toppling over and injuring employees.

Spectral Colours Limited of Crawford Street, Rochdale, Lancashire has today pleaded guilty of breaching Regulation 20 of the Provision and Use of Work Equipment Regulations 1998.

The company has been fined £3000 and ordered to pay costs of £22,444.

Speaking after the hearing HSE inspector Tim Beaumont said: "This case highlights the need for all duty holders to ensure all machinery in their workplaces are properly fixed and maintained to the required safety standard.

"If Spectral Colours had been more thorough in ensuring that the installation of the machinery was completed properly then this accident wouldn't have happened."

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