Mirashare

Manufacturing Risk Management

"Unknown Knowns"

Modern manufacturing facilities cover diverse facilities beyond production lines; warehouses, R&D centres, laboratories, offices and vehicles.
What they all have in common is the need to keep people safe.

How you know we're serious

What Directors Need to Know

Illness that follows Health and Safety incidents is costing British Industry over £1.6bn a year

Fines imposed for Health and Safety incidents that might have happened but don't will now attract fines that are sufficiently substantial to have a real economic impact on your business.......and you

Why managing incidents could be costing you £250,000 profit a year?
Will your next Health and Safety incident cost you £3 or £3m?
Why you could get a heavy fine or custodial sentence for something that hasn't actually happened?

Advice for Executives on how to reduce the risk of Health and Safety Incidents in your business.
Practical steps you can take and the tools you need to ensure that your business doesn't face substantial fines for things that don't happen.
Best practice approaches to reducing the cost of Incidents for your business and their impact on your bottom line.

Mirashare

Do you know how much incidents are costing your organisation each year?

When Nottingham University carried out research into the cost of incidents involving 750 companies they found that where people kept these records it ranged between £30K and £2m over a 12mth period. However, more surprising, was that few companies actually tracked these figures.

The main area of concern for the companies in this major study was lost time, the cost of the injury itself and significant accidental damage. To this you could add the increasing price of employer liability insurance premiums and, less easy to measure, the reputational damage which can impact future business.

Of the 25% of the participants who attempted to calculate the cost of incidents few looked at the long term impact of ill health on the organisation. This suggests the actual cost could be much higher. Even back in 1995/6 a report from the HSE shows that of the £2.5bn that accidents cost Britain at the time, £1.6bn of that was due to illness rather than the injury itself.

The HSE recognises that the real costs could be a great deal more. That's because reportable accidents under RIDDOR are those that result in an absence of more than 7 days and doesn't include the much greater number of unreported ones.

But one of the key issues for business is that incidents and accidents represent risk that has a cost implication. You may not know whether the next incident will cost your company £3 or a significant proportion of your net profits for the year.

Do you know how much incidents are costing your organisation each year?

Sources: Haefeli K and Haslam R, Perceptions of the cost implications of health and safety failures, HSE, Research Report 403
Davis N and Teasdale P, HSE Books, The cost to Britain of workplace accidents and work related ill health 1995/6

Mirashare

Management Tools

You could be fined £60,000

FOR SOMETHING THAT HASN'T HAPPENED

Under the new guidelines given to magistrates and courts a small company (turn over between £2m and £10 million) can be fined up to £1.6m. According to these guidelines which came into force at the end of January 2016, the fine decided on must be

"Sufficiently substantial to have a real economic impact"

Up until January many companies may have assumed that unless they were "unlucky" enough to have an injury they would escape prosecution. However with these new guidlines no proof that the incident caused actual harm is required. The offence is in creating a risk of harm

If we took an example of how this might work. Let us say that you had only some responsibility for not taking an action which might have lead to someone suffering a serious injury. You could receive a fine of between £25K and £230K. The responsible Director could also additionally face 26 weeks jail time

EVEN THOUGH NOTHING ACTUALLY HAPPENED

Source: Health and Safety Offences, Corporate Manslaughter and Food Safety and Hygiene Offences, Definitive Guidelines, Sentencing.

You can only manage what you can measure. An easy to use comprehensive Health and Safety system like Mirashare from Elmstone Systems should provide the trend analysis you need.

Getting access to comprehensive records on actions taken to address incidents along with risk assessments made and scheduled audits can have a bearing on Employers liability premiums

Addressing potential incidents before you incur costs by making it easy for staff to report them through mobile technology, can drive them down and represent another significant cost saving

Mirashare

Reducing Your Exposure

Factors affecting Culpability

- Cost cutting at the expense of safety

- Poor health and safety record

- Failing to put in place recognised industry standards

- Ignoring concerns raised by employees or others

- Failing to make appropriate changes following prior incident

- Allowing breaches to subsist over a long period

Tools and Mitigation

Evidence of steps taken voluntarily to remedy the problem:

A comprehensive Health and Safety System which has a clear action tracking system can provide evidence of taking corrective action.

Good Health and Safety Record
Having a comprehensive system that can demonstrate a good health and safety record in the past could help mitigate an offence.

Effective health and safety procedures in place
A comprehensive system that can demonstrate effective procedures such as near miss reporting could also mitigate the offence.

Mitigation

Good effective Health and Safety Policy

Evidence of steps taken voluntarily to remedy the problem

Effective health and safety procedures in place

No previous relevant convictions

Inappropriate degree of trust or responsibility will mitigate for the individual but could increase culpability for the company

High level of cooperation with the investigating body

Develop a risk register of what could go wrong an how you would fix it

Mirashare

Reducing Your Exposure

Capture the "near misses" and you can take action which is much cheaper than the potential consequences.

But there is a problem. It relies on staff reporting the near misses that could have happened, which take time. It might also impact on their performance. Lastly it can be seen as whistle blowing on their colleagues.

Its no wonder that businesses are beginning to focus on near miss reporting and are often unsuccessful. To be effective you need cultural change in the organisation to promote a zero harm environment.

You also need the processes in place which makes it clear to employees what they should report and also what action has been taken. You also need the technology in place that will make it simple and efficient for them to report. That means using mobile app technology.

One of the issues with this technology is that sometimes an internet connection is not available. That could be because people are out of range or due to the working practices on site. So these apps need to work even when there is no 3G or 4G connection available - so the near miss can be reported and uploaded as soon as there is a connection.

If you think safety is expensive, try an accident

HSE studies show that for every £1 a business spends on insurance, it can be losing between £8 and £36 in uninsured costs.

The investigation and analysis of work-related accidents and incidents forms an essential part of managing health and safety. Identify what is wrong and take positive steps to put it right.

Near miss: an event that, while not causing harm, has the potential to cause injury or ill health. These are "Free Lessons" which we can learn from before another person gets hurt.

A ratio showing a relationship between the number of near-miss incidents and injury incidents reported by researchers shows that for every 15 near-miss incidents, there will be one injury. Unreported near misses are a lost lesson in injury prevention.

The few minutes spent reporting and investigating near-miss incidents can help prevent similar incidents, and even severe injuries. The difference between a near miss and an injury is typically a fraction of an inch or a split second.

Encourage your staff to report and conduct thorough investigations into these "near misses" and you will reap dividends in improving your safety culture.

Lee Stampton. CMIOSH.
Health and Safety South East

Mirashare

About Elmstone and Mirashare

About Elmstone

Elmstone Systems was established in 1999 and since that time has been a market leader in developing innovative solutions for Health and Safety professionals.
Our flagship product, Mirashare, encapsulates over 17 years of experience working in some of the most highly regulated Health and Safety environments such as the Pharmaceutical Industry. We now bring this knowledge and expertise to other sectors such as Food, Construction and Pharmaceutical.
We also provide a leading eLearning platform, Learnbubble, software consultancy as well as project management.

About Mirashare

Mirashare is an easy to use and robust Health and Safety system which is hosted in the Cloud.
The Mirashare modules include
• Incident Reporting
• Risk Assessment
• Audit
• Action Tracking
• Change Control
• Six Sigma Analysis
• Reports and Analysis

About Mirasnap

Mirasnap is innovative mobile technology which makes near miss and incident reporting as easy as taking a picture on a mobile phone.
However it is designed to work even where there is no connection to the internet.

Mirashare