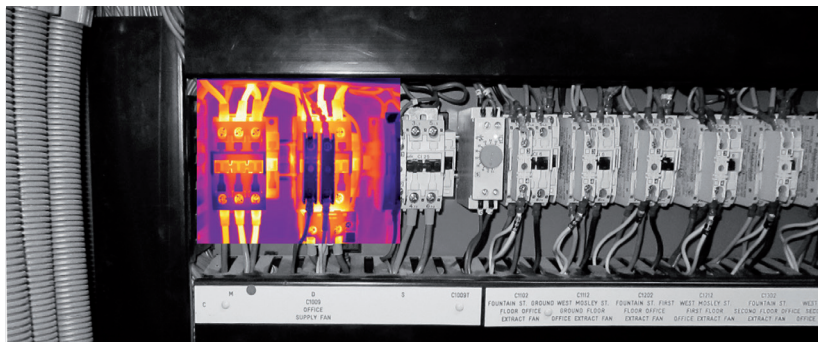


THE FE COLLEGE LEADER



THERMOGRAPHIC RISK ASSESSMENT: IDENTIFYING AND ELIMINATING SERIOUS FIRE RISKS IN FE COLLEGES

James Fone from RSA explains how new technologies, like thermographic cameras, can help further education (FE) colleges prevent serious electrical fire incidents.

Getting an FE college back up and running quickly after a serious electrical fire is vital to its chances of recovery. The financial and reputational loss to a college from such disruption can be devastating, so RSA is doing as much as possible to help Marsh's clients to avoid such devastation.

Using the latest thermographic camera equipment, our expert electrical engineers can help prevent major fires by quickly detecting potential "hotspots" that might lead to electrical failures. Working with trained thermographers, they determine whether the temperature of an electrical circuit is at a healthy, deteriorating, or dangerous level.

In this way, thermography offers an effective method of detecting and preventing potentially catastrophic failures.

Here is a quick rundown of how the process works.

Step 1: Thermographic and Electrical Visual Condition Surveys

The first step is an initial site assessment to highlight thermographic, visual, and risk probability issues. With that process complete, RSA inspects and tests:

- A college's entire electrical distribution system.
- Individual plant, machinery, or installation items, like motors or engineering equipment.
- The quality of any remedial work.

Continued overleaf



EDITORIAL BY
JON TAYLOR

☎ 01444 313224

✉ jon.taylor@marsh.com

Welcome to this summer edition of *The FE College Leader*.

For an FE college, an electrical fire can seriously impact on the provision of education — prevention is the best option, so how can technology reduce the risk of these fires? Our lead article looks at how the use of thermographic risk assessments and risk-based inspection services can help FE colleges avoid serious incidents through the detection of "hotspots".

You will also find an article covering how a good safety management system can help protect you from civil claims and make an Health and Safety Executive (HSE) prosecution less likely, together with information on the new Marsh UK Education Forum — a dedicated LinkedIn® group for networking, support, and information-sharing.

Finally, we have an enlightening Q&A with David Pullein, chair of the College Finance Directors' Group (CFDG).

We hope to catch up with many of our readers at the AoC College Finance Conference in Birmingham on 3-4 June. As a headline sponsor for the event, Marsh will be on stand 40, so please do come along and say hello — we'd be delighted to discuss any insurance or risk issues with you.

If you have any comments, questions, or suggestions for future articles, please do not hesitate to get in touch.

Step 2: Fully Audited Reports

With surveys complete, any defects identified are then classified according to their potential to become a fire risk or cause component failure. A full report is produced to highlight serious risks or areas of concern, together with a priority list of remedial actions.

The report includes:

- Consideration of the whole fixed wiring installation.
- Analysis of electrical connections, control equipment, and circuit protection.
- A fully-auditable benchmark to evaluate future inspections.
- A prioritised risk assessment of the electrical installation.
- A risk-based inspection regime to ensure future compliance.
- An audit of remedial actions.
- Supporting thermographic images.

Step 3: Energy Performance

To identify a college's energy performance, RSA also carries out:

- Solar photovoltaic analysis — the inspection and efficiency testing of solar panels.
- Energy loss analysis.

Risk-Based Inspection Services

RSA can develop risk-based electrical inspection and testing regimes that incorporate regular thermographic testing of electrical components. This service is aimed at extending the required period between inspections, or meeting specific client inspection requirements.

RSA can provide thermographic risk assessment services for FE colleges nationwide. A live demonstration of the technology will take place on the Marsh stand 40 at the AoC College Finance Conference and Exhibition, 3-4 June, International Convention Centre (ICC), Birmingham.

For further information, speak to your Marsh client executive, or contact James Fone on 07833 057178 or email him at: james.fone@uk.rsagroup.com. You can also visit: www.rsainspection.co.uk to see the full range of Engineering Consultancy services RSA provides.

Thermographic Surveys — in Practice

1. A thermographic survey carried out at a multi-occupied blue chip office complex, revealed a serious connection issue on the main incoming supply connections. If undetected, failure would have severely disrupted business critical transactions and communications with financial institutions across the globe. Any related business interruption claim alone would have been a six figure sum.
2. A thermographic survey carried out at a food manufacturer revealed a number of serious defects, including evidence of burnt cables and components. These defects had been previously reported in-house but with an independent survey, and the issuing of a serious defect notification report, the defects were rectified within a day.
3. A thermographic survey carried out at a wood mill revealed a serious connection issue at a control panel. The panel supplied an item of production equipment and was less than a year old. Several components and cables had melted which represented a serious fire risk. Given the environmental conditions, these may have led to a substantial and devastating fire.

PROTECTING YOUR GOOD NAME

FAST FACT

Crisis communications cover of up to £10,000 for FE colleges that choose a curriculum policy*.

**terms and conditions apply*

GET LINKEDIN®: JOIN THE MARSH UK EDUCATION FORUM

We have created a special education interest group on LinkedIn®. The Marsh UK Education Forum is designed to bring together like-minded UK education professionals to share ideas, support, and knowledge — all drawn from the 15million professionals already using LinkedIn®.

The idea behind the forum is to make it a great source of information for the industry in general, not just for Marsh clients. The information will be provided by Marsh and also by the forum members. For our part, we will share education focused risk management information — advice, sector news, and ideas — as well as news from Marsh's Education Practice.

The forum offers a chance to create a thriving online community — its members may work in different education sectors and support industries, but many will face similar challenges. As a result, we hope to see forum members sharing best practice and new perspectives — as well as simply networking online with fellow professionals and reconnecting with former colleagues.

As with any forum of this type, the Marsh UK Education Forum's success will depend on its members — the more of you that get involved, the better, and the more useful it will be for everyone. So why not take five minutes and join today.

Simply visit www.linkedin.com and search for the Marsh UK Education Forum.

Source:

<http://www.independent.co.uk/life-style/gadgets-and-tech/news/linkedin-passes-15-million-user-landmark-in-uk-including-five-mermaids-9186920.html>

ARE YOU ON TARGET WITH HEALTH AND SAFETY?

While the safety of students is of paramount importance for all colleges, it is vital that the focus is on providing young people with the tools required to understand and manage risks — to ensure they are protected but not hindered by health and safety measures, writes Neil Shotton of Business Safety Systems.

Your Responsibilities

In essence, health and safety law requires employers to assess the risks to the health and safety of staff and others affected by their activities; responsibilities which are set out in the Health and Safety at Work Act 1974 and regulations made under the Act, such as the Management of Health and Safety at Work Act 1999 and the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR) 2013.

The regulations place duties on the employer to create and document a health and safety policy detailing the college's aims and objectives, and the organisation and arrangements in place to manage health and safety, and to complete risk assessments against identified hazards.

All this means that employers, college staff, and others all have a duty under the common law to take care of students in the same way that a prudent parent would.

As you would expect, getting it wrong can have serious consequences — any person or any organisation can be subject to prosecution under health and safety legislation if they are found to have put the health and safety of others at risk, by acting negligently or interfering with safety equipment. The end result could include uninsured fines, increased insurance costs, reputational damage, or even imprisonment.

A Simple Solution

A good safety management system will protect you from civil claims and make an HSE prosecution less likely.

T100 Education Express provides paper-free compliance with health and safety regulations, and solutions that are specifically tailored to the education environment. Templates have been created to ensure colleges can meet legislative requirements, and can be adjusted to individual needs.

The solution also offers a wide range of health and safety management checklists, which enable colleges to demonstrate high level control of their working environments. These are reportable, allowing colleges to demonstrate continual improvement.

Additional functionality is available to manage other key areas such as risk assessments and, accidents and incidents, which are also fully reportable to allow you to demonstrate compliance and continual improvement.

FE college clients of Marsh are automatically provided with the Target100 education product, free of charge for the first year of a long-term undertaking. The service is delivered by Business Safety Systems Ltd (BSS) and may be renewed annually with BSS after the initial annual period.

For further information, speak to your Marsh client executive today or call 01444 313175.

NEWS IN BRIEF

Time for Change: If you are coming to the end of a long-term insurance agreement, it's the perfect time to take a fresh look at Marsh. Marsh clients are provided with a free risk management assessment and access to a risk management bursary of £1,000 to help fund risk improvements — while our curriculum policy now includes crisis communications support, providing up to £10,000 of cover. To find out how Marsh may improve the quality and affordability of your current insurance provision, please call 01444 313175 today.

24 Hours Small Claims Settlement: We understand that our clients want a faster, simpler, and more efficient claims-handling service. For losses up to £2,500, RSA will settle claims within 24 hours of receipt of the relevant claim details and accompanying documentation.

Responding to the Floods: Following the devastating effects of this winter's flooding, Marsh, as part of its wider emergency response programme, held a "community claims surgery" in the Dawlish area to provide recovery assistance for local organisations. We sincerely hope that the guidance provided will make a real difference to those who attended — and remember, further risk management guidance, including flood advice, can be found at uk.marsh.com/education

UPCOMING EVENT

If you would like to talk to us in person, why not come and see Marsh at the following event:

3-4 June — AoC College Finance Conference and Exhibition, ICC, Birmingham



DAVID PULLEIN — EXECUTIVE DIRECTOR — FINANCE AT LEEDS COLLEGE OF BUILDING; CHAIR OF THE COLLEGE FINANCE DIRECTORS' GROUP (CFDG) AND CHAIR — CRESCENT PURCHASING LTD (CPC)

Where were you born? Huddersfield, West Yorkshire.

Where did you study? I was educated at Moor End High School and went on to Greenhead College in Huddersfield. I took my BTEC National in Business Studies and

Association of Accounting Technicians at Huddersfield Technical College followed by the Association of Chartered Certified Accountants Qualification at Huddersfield and Leeds Metropolitan Universities.

What was your first ever job? My first job was a Youth Opportunity (YOP) in the education finance section of the local council. After three weeks, I was offered a full-time position.

How did you become involved in the education sector? The aforementioned YOP in 1982 led to five years of career progression within education finance and then a move to become deputy finance officer at Huddersfield Technical College. After promotions to budgetary control officer, management accountant, and financial controller, a spell as acting finance director led to my move to Leeds College of Building as executive director — finance.

What is your role with the CFDG? I was elected as one of the two representatives for Yorkshire and Humber to the College Finance Directors' Group (CFDG) in 2002. I became vice chair in 2004, and since 2005 I have had the honour of being chair of the group.

Tell us about the AoC College Finance Conference and Exhibition 2014? The annual AoC Conference is organised and run by the AoC in conjunction with the CFDG. It offers the opportunity for finance professionals to meet and

discuss the issues of the day and listen to valuable input from funding bodies, government officials, and persons of general interest.

Where can anyone interested in attending the event, find further information? Please visit:

<http://www.aoc-create.co.uk/event/collegefinance2014>

If you could convince colleges to do one thing differently, what would it be? I would not want to “convince” colleges to do anything, but feel that many colleges still operate in “pre-incorporation mode” and would benefit from a more business-focused approach, while still remembering that students should be at the heart of everything we do.

What is the most important challenge the further education sector faces right now? The FE sector faces major challenges with austerity cuts, increased costs from national insurance and pensions, the movement of Limited Capital Funds to the Local Enterprise Partnerships (LEPS) and the results of the *Richards' Review* to name only a few. It is absolutely the most challenging time I have known in my 32-year career.

What is the best bit of professional advice you've ever been given? The best I have heard was on a John Harvey Jones programme, which said: “Look at everything, do something, and worship the brethren.”

Favourite film? My favourite film is *Notting Hill*.

First ever car? A Ford Escort Mark 1. We had many adventures together in the hope of getting home!

Perfect weekend? I enjoy (sometimes) watching my football team — Huddersfield Town FC, where I have been a season ticket holder for more than 30 years. I also take great pleasure in watching my son who is an emerging rugby league referee, and spending quality time with my partner.

For further information please contact:

Marsh Ltd, Education Practice, Capital House, 1-5 Perrymount Road, Haywards Heath, West Sussex RH16 3SY



01444 313175



01444 415088



uk.marsh.com/fecolleges

Join our group



Marsh does not accept responsibility for articles provided by others.

Statements concerning legal, tax or accounting matters should be understood to be general observations based solely on our experience as insurance brokers and risk consultants and should not be relied upon as legal, tax or accounting advice, which we are not authorised to provide.

Marsh Ltd is authorised and regulated by the Financial Conduct Authority. Copyright © 2014 Marsh Ltd. All rights reserved.