

Birmingham Health, Safety & Environment Association

721 Hagley Road West
Quinton, Birmingham B32 1DJ
Email: secretary@bhsea.org.uk
Website: www.bhsea.org.uk
Tel. No. 07881 290 238

Registered Charity No.: 255523

Secretary: *Liz Prohett BA (Hons) CMIOSH CIPD*

Newsletter

May 2013

Monthly Meeting 13th May 2013

BHSEA Vice-Chair, Tim Prestage welcomed Members to the meeting and extended a particularly warm welcome to new BHSEA Members, Kevin Griffin Health and Safety Trainer and Consultant and Robin Bent from Safe Access. Tim went on to introduce today's topic and our speakers:

'Managing the Risk of Metal Theft'



Paul Playford
Risk Services Consultant at
Ecclesiastical Insurance

and

Gary Higgins
& Steve Lloyd of
Smartwater Technology



Paul began by explaining that his work involves him specifically with church related theft. His organisation, Ecclesiastical Insurance, works very closely with 'Smartwater', and uses their technology in the fight against metal theft. Paul went on to show us a short DVD clip which was produced last year by one of the Welsh authorities, Rhondda Cynon Taf and which highlights the issues around metal theft and its victims.

Metal Theft – Financial Impact:

Paul told us that in 2009 the estimated impact of metal theft on the UK economy was £770m. Insurers report that metal theft is costing the industry £1m pw.



Paul reported that he started to see 'real' increases in 2007 and there have been almost 12,000 claims since that time. On average, 7 churches are targeted each day.

Often the thieves return a second, third, and fourth time (once the lead has been replaced). The extent of the damage is not always apparent, often causing extensive 'hidden' internal damage.

Churches in rural locations, pose particular problems because there may be no-one to hear an alarm.

Despite this, Ecclesiastical Insurance has looked into roof alarms particularly for churches. Paul commented that he sees roof alarms as being the ultimate deterrent in many cases.

A 'Hands Off Our Church Roof' Campaign began using Smartwater signs. Signs are widely regarded as an effective deterrent.

Ecclesiastical Insurance came up with a multi-pronged strategy including:

- SmartWater
- Roof alarms
- Education and guidance
- Self-assessment form
- Support and advice
- Participation in external initiatives
- Appointment of Metal Liaison Representative

Paul said that making sure that there is joined up thinking, is a key part of his role. Ecclesiastical Insurance produced some simple guidance and advice:

- Remove sources of easy access to roofs (e.g. wheelie bins)
- Store ladders in a secure places
- Scaffolding – provides very easy access to roofs!
- Limit vehicle access
- Engage with neighbours
- Anti-climb paint
- Regular checks on roofs

Paul reported that 2011 was the worst year on record for metal theft however, there was a drop in 2012 and the current trend seems to be downwards. Why? The initiatives listed above and also the introduction of new legislation e.g. the Sentencing and Punishment of Offenders Act which created a new criminal offence prohibiting scrap dealers from paying in cash for scrap metal, and the Scrap Metal Dealers Act which introduced a licensing scheme making all scrap metal accounted for. Paul added that it would be dangerous for us to take our 'eye off the ball' because the demand for metal will continue. Major international building projects are being planned such as a 26.4 miles long sea bridge (the longest in the World), which will take 4 years to build and another bridge to be built in Singapore which will be even longer. Profit from metal theft is high and so thieves will always find an outlet for their 'goods'. Legislation is in place and has to be enforced. There needs to be greater partnership working with the Port Authorities and HMRC.

Paul then handed over to Steve Lloyd, Regional Client Support Manager at SmartWater Technology Ltd., and his colleague Gary Higgins.

Steve told us that Smartwater has been at the forefront of the battle against metal theft for some years. The Company opened for business in 1996. Both Steve and Gary are ex-police officers and work closely with the police in their current role. Steve commented that the crims detest anything to do with forensic evidence.

What is Smartwater?

Smartwater is a substance that is based on non-hazardous substances. It

- Is a water based solution - Code + **Fluorescence** + Polymer
- Has a unique forensic code 31 Rare Metal Compounds
- Is invisible to naked eye - **GREEN / YELLOW** under UV light
- Can be analysed down to a billionth part, (Pin Head)



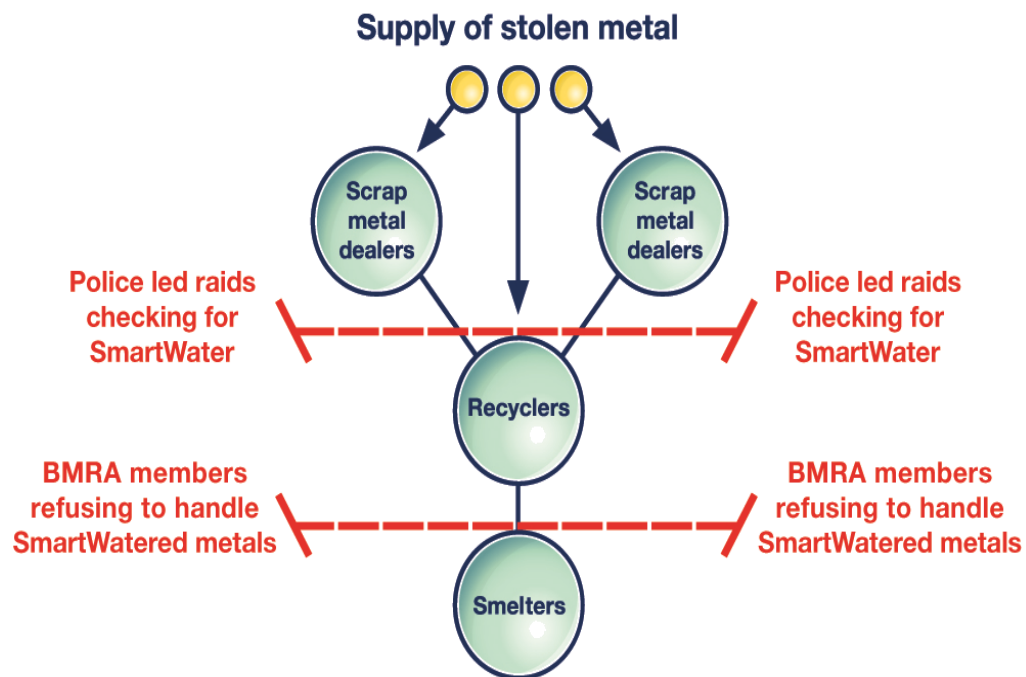
Because it contains polymer (glue) Smartwater has excellent adhesive qualities, and although it is invisible to the naked eye, it is fluorescent and can be seen under UV light. Smartwater is a water/metal oxide based and therefore appropriate for external use. The water base means that the solution can seep into nooks and crannies. An amount equivalent to a pin head is all that is needed to identify the application and match it

to the appropriate property / equipment. The solution can be applied to anything from jewellery to a drain cover.

Each application has a unique DNA (forensic code) which is applied to the property/materials/equipment. The forensic code is entered onto the Smartwater secure database. Steve advised us that Smartwater is more robust than DNA.

If the solution gets onto the skin, it will stay there between 4 and 6 weeks. It stays on clothing for ever. When applied to property/materials, Smartwater will last a minimum of 5 years. It is applied most effectively as a spray and Steve mentioned that during the riots in 2011, Smartwater solution was not found because signs had been installed where the solution had been sprayed and the buildings/property were avoided by the rioters.

National Metal Theft Strategy



Steve noted that the 'message' is getting out to the criminals, largely because of the strategy adopted in conjunction with the Police. Moreover, Smartwater is working with the 'genuine' scrap dealers who want to deal with scrap but not with stolen goods.

What Support does Smartwater offer Clients?

The Smartwater Client Support Unit (CSU) offers:

- Free training
- Free Support (CSU)
- Free Forensic Analysis
- Free Expert Testimony at Court

How is Smartwater Applied to Lead and Stonework?

Steve told us that it is mostly applied by brush but sometimes a pumped spray application is used. It can be used in an industrial setting. Network Rail, Tata Steel and Western Power (who have problems with thieves cutting cables) are all working with Smartwater. Other examples of places (on a smaller scale) where Smartwater can be effectively used include homes and allotments. Steve added that where they are dealing with an application on a listed premise, there are sometimes restrictions due to a requirement to replace like with like, e.g. lead has to be replaced with lead.

What About Contractors Brought in to Carry Out Roof Repairs?

When contractors are brought in following the theft of metal on roofs, the contractors need to be advised about the application of Smartwater and how to reapply. Paul commented earlier that often contractors carrying out roof work are immigrants and sometimes perceived as dispensable labour. This of course will introduce other hazards associated with metal theft.

What If I Sell My Jewellery?

If Smartwater has been applied to jewellery, let the purchaser know that Smartwater has been applied and let Smartwater know that the jewellery is being sold on.

The Smartwater Torch:

How easy is it to replace? Steve said that it is a simple UV torch that costs around £200. Thieves have been apprehended who were carrying one of the UV torches. Following a query about the UV radiation and frequency, Steve said that the frequency of the torch has to be the 'right' frequency otherwise the evidence won't be visible.

What is Planned for the Future?



- Random roadside searches – Scrap Metal Dealer Visits
- 'We don't buy SmartWater' campaign
- Media and press campaign
- Honey Trap Operations i.e. intelligence led forensic traps



Tim thanked Paul, Steve and Gary for their excellent presentations, and asked Members to show their appreciation in the usual way.

Steve Parton would like to refer Members to the following web links with regard to mainly local metal theft issues:

<http://www.bbc.co.uk/news/uk-england-20039510>

<http://www.bbc.co.uk/news/uk-wales-south-east-wales-22110980>

<http://www.expressandstar.com/news/2013/04/04/metal-thief-suspect-caught-down-manhole/>

<http://www.bbc.co.uk/news/uk-england-20343837>

<http://m.west-midlands.police.uk/latest-news/press-release.asp?id=4564>

Remember to look at the BHSEA website for the slide deck covering both of today's presentations www.bhsea.org.uk

Announcements:

- **BHSEA Questionnaire.**

Many thanks to those Members who completed the questionnaire. The results / comments are being closed looked at, and we will feedback soon with the results and the actions we intend to take.

- **Mock H&S Trial.**

We have sufficient numbers to run a 'Trial' on the morning of the 11th September 2013. We are still collecting names and if there is sufficient, we can run a second 'Mock Trial' on the 11th in the afternoon. So if you haven't booked your place, contact the Secretary secretary@bhsea.org.uk

Hot off the Press....

- **Latest from the HSE:**

Construction - CDM:

HSE evaluated CDM in 2010-11 and published its report last year. HSE found that whilst CDM 2007 appeared to be more effective than the 1994 version, there were problems in three key areas:

- the regulations still generate huge amounts of unnecessary paperwork
- the CDM-C role has not been effective
- the competence requirements of CDM (in terms of what it means for cards for workers, or pre-qualification schemes for contractors), waste a lot of resources and probably don't, in many cases, improve competence.

HSE has been asked to revise CDM to make improvements in these areas. At the same time, HSE want to make a really positive improvement to the Regulations by making them much simpler and easier to understand. HSE hope that this will improve levels of understanding for construction workers in small businesses, and make it easier to understand what workers have to do to comply.

HSE are therefore carrying out a public consultation, planned to take place over the summer, for a twelve week period. HSE would welcome BHSEA's input to the consultation. Anyone is free to respond to what will be an online consultation, including individual WWT groups, businesses and workers. The changes proposed will not affect the standards required on sites. HSE are simply looking at ways of streamlining the way CDM delivers these standards. HSE are proposing:

- a much shorter set of regulations
- removal of the approved code of practice, and replacing it with a suite of short, targeted guidance aimed at specific types of common project
- removing the formal competence requirements of CDM 2007
- replacing the CDM co-ordinator role with a similar but more streamlined role within the project team
- reducing the size of project at which co-ordination of H&S information has to be carried out

If you are complying with CDM as it is, little will change, and you won't have to change the way you work. Just to stress....**HSE are not changing health and safety standards**, and **HSE will support small businesses** when the planned changes come in in late 2014 with carefully targeted guidance which really meets their needs.

- **Job Opportunities:**

SIG plc (www.sigplc.com) is designing a group wide health and safety training programme to encompass IOSH Directing and Managing Safely for a range of directors and managers across the business. An experienced freelance interim Health and Safety Trainer for up to 6 weeks (possibly extended to 8) is required to help deliver a RoSPA accredited modular based programme for a range of supervisory, first line and middle managers on time. Working 3 to 5 days per week and providing short term support to help ensure that SIG can design and deliver the new training programme for the end of May 2013. Experience in warehousing and distribution operations is desirable. SIG employ 10000 people across the UK and Europe and the HQ is in Sheffield. The role can be based anywhere within the UK but there will be a need to attend meetings in our UK Sites and Sheffield HQ. Interested parties should send an email outlining experience, together with a resume/CV to:

Lee Avery, Group Head of Organisational Development,
Mob: 07515 794439

Email: leeavery@sigplc.com

Please call Lee for an informal discussion.

ACT Associates are looking for a 'front-line'/'first level' Health and Safety person to deliver a 3 month contract based in Coventry. You will be working with a colleague (operating at a more strategic level) in carrying out risk assessments, establishing an occupational health provider etc. This is a manufacturing company. Contact Alex Growcott on 01384 442144 for further information or email your CV to alex.growcott@actassociates.co.uk

- **Discounts available through Safety Groups UK (SGUK)**

BHSEA, as one of the SGUK can get discount for its Members, at Arco. BHSEA Members can request a Safety Groups UK card which gives 15% off in Arco shops only (not online). You must produce a card to obtain the discount which is exclusive to SGUK members. Contact the Secretary on secretary@bhsea.org.uk to receive your card.

Date of Next Meeting

2.00 pm Monday 10th June 2013
Birmingham Medical Institute

Peter Galsworthy
Head of Operations, HSE West Midlands
&
Ron Reid
Partner, Shoosmiths LLP

'FFI Six Months On....'

&

Members' Corner
Chris Hopkins
Associate, Barrister Pinsent Masons LLP

Ministry of Justice (MOJ) Reforms

**...changing the current 'ambulance chasing' approach,
and the implications for employers.**

Don't forget the buffet lunch at 1.15