



red rock
electrical

L I M I T E D

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NEWSLETTER

Silica Dust: the new Asbestos!

What is Silica?

Crystalline Silica (Silica dust) is a natural substance found in varying amounts in most rocks, sand and clay. Silica is a major constituent of construction materials such as bricks, tiles, concrete and mortar. You generate dust from these materials during many common construction tasks including cutting, drilling, grinding and polishing. Some of this dust is fine enough to get deep into your lungs. The fine dust is known as respirable crystalline silica (RCS) and is too fine to see with normal lighting.

Why is it dangerous?

Crystalline Silica is the biggest risk to construction workers after asbestos. Silica is dangerous when it becomes airborne with inhalation of the dust causing many diseases in the lungs including silicosis, bronchitis, lung cancer and systemic autoimmune diseases. The amounts needed to cause damage are not large.

Silicosis makes breathing more difficult and increases the risk of lung infections. Silicosis usually follows exposure to RCS over many years, but extremely high exposures can lead rapidly to ill health.

Chronic obstructive pulmonary disease (COPD) is a group of lung diseases, including bronchitis and emphysema, resulting in severe breathlessness, prolonged coughing and chronic disability. It may be caused by breathing in any fine dusts, including RCS. It can be very disabling and is a leading cause of death. Cigarette smoking can make it worse.

Heavy and prolonged exposure to RCS can also cause lung cancer. When someone already has silicosis, there is an increased risk of lung cancer. The health risks from RCS are insignificant when exposure to dust is adequately controlled – **you do not need to become ill through work activities!**

Preventions

The Health and Safety Executive recommends using a vacuum or water sprays to prevent the dust from becoming airborne.

Available to *red rock* employees:

Makita VC2012L Wet and Dry Dust Extractor Vacuum Cleaner.



The Makita 2012L is an L-Class dust extractor which will remove 99% of dust

Brexit vs Electrical Safety!

Will Brexit affect standards?

BS 7671 and the UK's role in developing future standards will be unaffected by Brexit. The BSI is the industry body responsible for British Standards. In November 2018, the BSI confirmed that they have secured membership of CENELEC (the Europe wide assembly for standards), regardless of the result of Brexit.

The International Electrotechnical Commission (IEC) is a global non-political, non-governmental organisation which prepares and publishes international standards on electrical and electronic technologies.

CENELEC which represents over 20,000 different European Standards works with IEC to influence the development of regulations and adapt them to oversee implementation within Europe as a European Standards. Often British Standards are the same as the European counterpart and the designated BS EN (European Norm) is used.

What does BSI membership of CENELEC mean for electrical testing?

As the BSI are confirmed as ongoing members of CENELEC, this means that relevant UK stakeholders will continue to be able to shape, influence and maintain best practice standards at a European and International level. British experts will still be able to hold positions of authority within these organisations.

"No outcome from the ongoing EU-UK negotiations should be to the detriment of safety standards or consumer protection rights."

Phil Buckle, Chief Executive of the ESF

Message from the MD....

It's a shame I was unable to attend the annual summer party this year as it sounds like it was great day out. We were very lucky with the weather, making it a perfect day to watch some horse racing. I hope a few of you took home some winnings.

On the work front, it's shaping up (as always) to be a busy summer! Along with the usual busy period of retail work, I'm pleased to say we have recently been awarded several projects in the education sector, including a substantial refurbishment in Crediton. We also have an interesting exterior lighting project in Brixham to start soon, and a considerable amount of refrigeration electrical projects.

Best wishes,

Matt

red rock Annual Summer Party



It was a hot sunny day at Newton Abbot Race Course. Thanks everyone who attended.



Lord in Red
Winner of Race 6

red rock electrical were recently invited to an open evening with the **2401 Dawlish Air Cadets**, following our donation towards the purchase of a new minibus for the Squadron.

The evening included presentations for achievements and demonstrations of activities.



red rock sponsored speedboat "**Team Enforcer**" is a phantom 19 boat with a tuned V4 Yamaha outboard reaching speeds of 70-73 mph. Team Enforcer will be competing throughout the summer. At their last event, the team finished 4th overall and were the winners of the Concours d'Elegance.



Pictured above, in Torquay heading towards Thatcher Rock.

Congratulations to...



Imogen Acres for achieving a PB time at the Torbay half marathon!

"I've been really pleased with the progress throughout this job. Everything has run on time with no issues."

Dan Luxton

"Sydenham is a large store layout. The team have done really well, especially considering the demanding programme they have been given."

Nick Gidley

SITE NEWS

Team: Aaron Palmer, Bryan Stapleton and Brendan Nedelec

Job Type: Retail, New Store

Location: Newton Abbot

Job Duration: 12 weeks

Current Week: 11



Job Status:
Welfare – 90 % complete, only staff lighting to finish.
Cash Office – Completed.
Fire Alarm – Awaiting commission.
Shop Floor – Spot lights to be angled to POS signage. Till conveyors to finish. Speaker fault to be rectified.
Warehouse – Install complete. Damage to containment to be rectified.
Electrical Cupboard – Kane panel complete. Testing and inspection on-going. Labelling to be completed in final week.
Externals – 2 x pole signs to connect. Canopy lights to be installed.
Extras – BMT snag list to be completed in final week. Test certification and O&Ms to be issued.

Team: Connor Devlin, Tom Beagent and Douglas Butler

Job Type: Retail, Fit-Out

Location: Sydenham

Job Duration: 11 weeks

Current Week: 8



Job Status:
Back of House - Temp supply to be wired. Future generator works, rip out of existing supplies. To be completed.
Shop Floor - Containment and lighting BUSBAR installed and complete. Awaiting ceilings.
Shop Floor Trunking - Completed
Warehouse - Lighting trunking installed and lights 2nd fixed. Primary and secondary containment installed. Wiring 90% complete.
Welfare – 2nd fix in progress.
Plant Room - 2nd fix of Kane panel and accessories in process.
Shop Front – Awaiting installation.