



In Touch

EHS Newsletter
February 2021

NEWS

What's Up, Doc?

Our fearless leader, **Dr Brett Williams**, is currently navigating the icy heights of Antarctica as part of a scientific team conducting risk assessments. He shared the following fascinating facts with us:

- ❖ Antarctica's ice cap holds most of **world's fresh water**
- ❖ Temperatures are between **-10 and -35 ° C** (with wind chill factor)
- ❖ Wind speed can reach up to **220km/hr**



The **SANAE IV** (the SA base) is about 184kms from the edge of the shelf.

The base is currently home to **60 people** doing maintenance to ensure the survival of the **9 people** who will spend the winter and part of next year on the base.

They need about **half a million litres of diesel** to survive this period!

What's the Science all about?

- Monitoring ionosphere to predict solar storms
- Weather recording to forecast global weather trends
- Monitoring earth's magnetosphere
- Earthquake monitoring
- Nuclear explosion monitoring (if a nuclear bomb is tested anywhere in the world it may be measured and recorded at SANAE IV)

Watch this space for updates on our Doc's epic adventure!

CONTACT US TO PROVIDE THE FOLLOWING SERVICES FOR YOUR BUSINESS:

- EHS Risk Assessments
- Occupational Hygiene Surveys
- Ergonomics Surveys
- EHS Management
- System Development and Implementation
- Environmental Monitoring
- Identification of EHS Legal Requirements and Compliance Audits
- Construction EHS Services
- Construction H&S Files
- Internal Auditor Training
- General EHS Training



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Department of Employment
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(OH0049-CI-09)

Newsletter compiled by
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THE HEAT IS ON

The cruel February sun is not the only burn we need to be aware of...

Burns from electrical accidents can be very serious.

There are 3 types (which may happen simultaneously):

1. **Electrical burns** – caused by electric shock when electrical current flows through the body and may cause tissue damage
2. **Arc burns** – caused by high temperatures from electric arcs or by explosions close to the body
3. **Thermal contact burns** – caused by skin contact with hot surfaces, e.g. overheated electric conductors

It is the employer's responsibility to keep workers and equipment safe from these dangerous burns.

Contact SAFETECH to assist you with risk assessment and safety protocols to prevent nasty burn accidents

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WE'RE IN THE MOVIE BUSINESS THIS YEAR!

Let SAFETECH produce your WORKPLACE SAFETY TRAINING VIDEOS

We are proud to present:

- ❖ Expert Health & Safety consultation
- ❖ Dynamic and experienced writers and videographers
- ❖ Professional and certified actors/presenters

WE LOOK FORWARD TO PARTNERING WITH YOU FOR A SAFER WORKPLACE

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