



Table of Contents

Pg 1. Message from the Director's Desk

Pg 2. Cyanide training workshop

Pg 3. ATA ITD collaborates with AngloGold Ashanti

Pg 4. H&S training in SA vs Europe. Contribution from ATA Namibia

Pg 6. H& S training in the oil and gas industry. Contribution from Dr. Fiona Robinson

Pg 9. Talent at ATA ITD

Pg 10. 2012 Course dates

Pg 11. 2012 Course dates

Pg 12. 2012 Course dates

Pg 13. 2012 Course dates

Pg. 14 2012 Course dates

Pg. 15 Dates to Diarise & Industry News

Welcome to ATA International Training Division's Newsletter.



The ATA ITD newsletter, which will be distributed each quarter, hopes to keep readers informed and entertained by highlighting the company's latest news and developments.

In this quarter's newsletter we take a closer look at ATA ITD's involvement with AngloGold Ashanti, and explore the dangers of cyanide within the mining environment.

In the 'Talent at ATA ITD' section, we get to know ATA ITD's Gugulethu More, and her latest achievements; and feature two contributing articles from industry professionals. Fabian Martens chats about his project in Namibia, and Dr. Fiona Robinson, from the University of Pretoria, explains why health and safety training is so important in the oil and gas industry.

Lastly, but certainly not least, readers can catch up on the latest courses on offer, as well as upcoming dates and information for registration.

Until next time, happy reading!
Trevor Justus, Director of ATA ITD

Make contact with ATA ITD

trevor@actiontraining.co.za
janine.arendze@actiontraining.co.za
Office: +27 11 450 4263
Fax: +27 11 450 4699

Eastwood Office Park
3 Tuscan Suites
11B Riley Road
Bedfordview, RSA

ATA International Training Division facilitates specialised cyanide training workshop



In an effort to educate mine employees on the safe use of cyanide in the mining process, leading International Emergency Response Team training expert, ATA International Training Division (ATA ITD), has facilitated a comprehensive cyanide training course.

“Cyanide is a fast-acting, potentially deadly chemical that exists in colourless gas or crystal form. Most of the world’s gold and other metals are beneficiated through a method called cyanide leaching, whereby gold and other metals are extracted from crushed ore after being mixed in a cyanide solution,” explains ATA ITD director **Trevor Justus**.

Considering the dangers associated with cyanide leaching, and the demand from the mines for cyanide safety training, ATA ITD has facilitated a cyanide training workshop, which includes an overview of how to identify hydrogen cyanide; recognition of cyanide patients; cyanide first aid treatment protocol; cyanide and structural fires; as well as scene fires and scene management. “The training workshop is intended for all employees that may be exposed to hydrogen cyanide and may be expected to perform the necessary medical or first aid treatment thereof,” he continues.

He explains that mine employees or workers could be exposed to cyanide by inhaling air, drinking water, eating food, or touching soil that contains, or has been exposed to the chemical. Cyanide enters water, soil or air as a result of both natural processes and industrial activities. In air, cyanide is present mainly as gaseous hydrogen cyanide.

The latest group of delegates to attend the cyanide training workshop came from the engineering, metallurgy, security and human resources departments of a large gold mining company operating in Mali. Justus says that the company opted to combine the cyanide training workshop with confined space rescue training and industrial fire fighting training. Justus points out that the success of the training has prompted the gold mining giant to send a second group of delegates to South Africa for the same training programme early next year.

To read the rest of this article, click [here](#)

ATA ITD collaborates with AngloGold Ashanti for emergency rescue training programme

Leading International Emergency Response Team_training expert ATA ITD has hosted delegates from AngloGold Ashanti's Yatela and Semos SA mines' engineering, metallurgy, security and human resources departments, in a first time collaboration with the mining giant.

The 14 attendees spent two weeks in South Africa undergoing theoretical and practical instruction in cyanide emergencies, confined space rescue training and fire fighting under the close guardianship of ATA ITD's qualified and experienced instructors on site, explains ATA ITD director **Trevor Justus**.

ATA ITD provided 24-hour, on-the-ground support to the delegates from the time that they landed in Johannesburg, and they remained under the complete guardianship of ATA ITD for the duration of their stay.

"We enjoyed the experience in South Africa and, although our team had previously undergone confined space rescue training, the knowledge that we gained from ATA ITD's courses has been of a different standard all together. We hope to take what we learned from our trip to South Africa, and apply it back home by sharing it with those who were not able to make it," says AngloGold Ashanti Semos SA Mine cyanide champion **Michael Camara**.

To read the rest of this article, click [here](#)



Candidates from AngloGold Ashanti, in Mali undergo emergency rescue training

Feature article

ALS instructor and qualified radiographer Fabian Martens talks to ATA ITD from his training project in Namibia



Professional paramedic, advanced life support (ALS) instructor and qualified radiographer **Fabian Martens** is currently training and advising on a Mobile Field Hospital on the UN Level II project, based in Namibia. This project includes an Emergency Medical Services (EMS) system; a mobile hospital with 20 beds, and includes two ICU Units, an operating theatre, laboratory, X-ray department, casualty department and a dentistry unit.

“The project started when I came to Namibia in 2009. There were many challenges that we faced, such as where we would source the equipment and material for the hospital, where and what kind of training equipment we would acquire, and how the EMS training costs in Southern Africa would compare to that of the rest of the world. I soon became aware of a company which sells Laerdal training equipment and we were also delighted to find that the price was nearly half of what it would be in Germany,” says Martens.

After all the training equipment was sourced, Martens explains that the next step was the actual training, which was supplied by ATA ITD. Martens needed to consider what kind of training would be needed and factors, such as how long and how intense the courses should be were taken into account.

He began to look around at the options available in Namibia and South Africa and found an EMS system, which, if the training aspects are taken into consideration, is similar to the training system offered in Germany.

“There are three to four levels of training undertaken in Germany. These include; one month of Emergency Medical Training Basic Life Support (EMT-BLS I), two month of Emergency Medical Training Basic Life Support (EMT-BLS II), three to four months of EMT - Intermediate Life Support (ILS) and two to three years of EMT - Advanced Life Support (ALS). If a candidate has the right level of experience, they are able to progress for study as an ALS instructor,” explains Martens.

Further noting the comparisons, Martens explains that the South African EMS curriculum is similar to Germany’s in that one of the main focuses is on internal diseases. At the moment, South Africa and Namibian medical training courses also consist of three to four levels. However, he says that one major difference in these systems is that ambulance crews have different qualifications to the paramedics. In Germany, the province is responsible for the EMS and the law determines which qualifications are required for each type of ambulance.

Feature article

Continued...

“For this particular project I compared both the local and international systems and looked for the best way of conducting this training, which started in August 2009 and is called the Medical and Health Instructor course. The requirements for the two and a half month long course are a Grade 12 qualification, a proficiency in English, mathematics and biology, and preferably, candidates should hold a qualification in first aid,” explains Martens, whom is in charge of the training, and will be responsible for the entire hospital at a later date.

Out of two Medical and Health Instructor courses that we conducted, 30 students completed the training, of which the ten best went on to train for the Emergency Medical Technician program. “This program went very well and our medics were on duty for the Fire Brigade and a private emergency assistance company, in order for them to fulfil their 1000 hours to advance to the next step,” explains Martens.

Overall, he points out that if compared, the world wide system of EMS training is nearly the same in the highly developed EMS areas such as Southern Africa, Europe and the USA. He says that the most important aspect to remember is that all of these countries have a similar goal, and that is to improve and continue to develop the EMS training together to create single world standard.

About the author:

Fabian Martens is based in Namibia and has been involved in emergency medical services since 1998 and is a professional paramedic, ALS instructor and Radiographer for X-ray diagnostic, Therapy, MRI, CT and Nuclear Medicine. He is from Henstedt-Ulzburg, 10km north of Hamburg, in Germany.



Contribution

*Occupational health and safety training in the oil and gas industry is vital.
Written by Senior Lecturer at the University of Pretoria, Dr. Fiona Robinson*

Senior lecturer - Occupational Health, School of Health Systems and Public Health at the University of Pretoria, Dr. Fiona Robinson, explains the importance of health and safety training in the oil and gas industry.

The days when companies could get away with reporting on their financial performance alone are long gone. With the advent of The King Report on Corporate Governance and, closer to home, “Voluntary Sustainability Reporting” for the oil and gas industry, companies are forced to look at issues beyond economics. One of the core social responsibility performance indicators required to be reported on in the voluntary sustainability reporting, under employment practices, is training and development.

There is no doubt that the oil and gas sector faces many challenges. It is also well known that the sector carries numerous risks to health, safety and the environment, leading to a requirement to thoroughly evaluate health and safety, social and environmental impacts throughout the life of any operation.

It stands to reason then, given the above, that training in occupational health and safety becomes a critical element of an occupational health programme.

In this context however, training does not just apply to full time employees of the companies who are employed to ensure production, but also to “outside” staff contracted to provide the occupational health programme elements. This would include all members of the occupational medical nursing practitioners, support staff such as receptionists, administrative clerk and laboratory technicians, medical personal based off shore and occupational hygienists, to name just a few.

This article provides insight into training and development to enhance the competence, job skills, efficiency and knowledge of employees.

Selling occupational health and safety

Reasons given to companies in an attempt to encourage them to establish a sound occupational health programme, most often include the following:

Moral – an employee should not have to risk safety and health in order to earn a living. Tied up in this is the employer ensuring a reputation as a sought-after, caring company.

Economic – there are proven cases to show that a healthy and safe working environment limits the costs, both direct and indirect, associated with ill health and injury

Legal – this is the minimum standard in terms of benchmarking, but never-the-less often the only driver for an occupational health programme.

Occupational health and safety training in the oil and gas continued...

The same three reasons can be given to emphasise the importance of training.

Moral - The oil and gas industry, for example, recognises that health and safety risks are inherent in operations. Companies must commit to manage these risks, and one such commitment is to ensure that all employees are fully aware of the potential hazards with which they are faced, what the risks are to their health and safety and how to mitigate these risks. This awareness can only be given by a training programme that is risk based. Employees or contractors who provide the occupational health and safety service must also be trained in the specific risk in addition to their discipline-based training.

Cost - employees who are adequately trained in the risk inherent to their work are less likely to engage in unsafe or unhealthy practices, and so limiting the potential for incidents and the cost to persons, property, environment and reputation associated with these. Occupational health service providers who have the knowledge related to the risks of particular industries that they serve are more likely to design an appropriate occupational health programme and in so doing, avoid unnecessary medical tests and examinations. In this way the cost of the programme is reduced.

These service providers are also more likely to understand the reason behind many of their functions, such as reporting duties, and so perform these functions from a basis of understanding and hence provide a better quality service. They will also be able to identify potentially work-related illnesses and prevent these from occurring.

Legal requirements – these differ in each country and each take different approaches to legislation, regulation and enforcement, but in most developed countries, and countries wishing to trade in the global arena, there are enforcing authorities to ensure that the basic legal requirements relating to health and safety are met.

In most legal standards there are duties placed on the employer to provide such information, instruction and training, and supervision is necessary to ensure the health and safety at work of his employee. In some, this extends to keeping visitors and surrounding communities informed.

Nature and quality of learning

For training to be the most beneficial, it must be appreciated that there are various approaches to, and ways of learning. Each learner has a different approach to subject matter and how they process information. This can vary from so called surface approach, where the recipient reduces the information to a set of facts to be memorized and regurgitated, to the deep approach, where there is thinking involved, with the seeking of integrations between components and ideas. The learners also have preferred styles of learning, with many different models proposed. In other words, most people favor some method of interaction with taking in and processing information.

*Occupational health and safety training in the oil and gas industry
continued...*

In order for learning to be effective, the trainer must be aware of the above and, as assessing each learner's style and adapting the teaching method accordingly is not always feasible, the trainer must use a mixture of training styles and methodologies. This will ensure that at least some of the teaching will be suitable for each learner some of the time.

Management Guidelines

In the development and implementation of a training programme, cognizance of the following points is critical:

- Training must be based on the risks inherent to the particular operation. This implies that health risks assessments must be performed regularly and on an ongoing basis to inform the content of the training.
- The training and understanding of service providers of the occupational health and safety programme must be scrutinized.
- The quality and previous experience of trainers must be adjudicated. If the skills to do this are not present in the company, an external expert should be contracted to assist.



Talent at ATA International Training Division

At ATA International Training Division we are extremely proud of our staff and recognise that their hard work and dedication is what drives the business forward. In this edition we get to know ATA ITD's Gugulethu More.

What is your role at ATA-ITD?

I am the face of the company, my title is Office Support and Training Administrator, I have dual role, I attend to reception duties and provide support to my colleagues as required, and I am also responsible for some training related activities.

How long have you been working at ATA-ITD?

I joined ATA International in June 2011. I am fairly new but I've learned a lot in a short space of time.

Do you have any career highlights that stand out while working for ATA-ITD?

Being part of a company that contributes towards upgrading the skills of healthcare practitioners, enabling them to make a difference within their communities back home is a highlight for me.

Is there anything that you are working towards? (A role or position within the company, studies etc)

At this point in time, I am focusing on maturing into my current role, I would like to work my way into a senior position assuming more responsibilities.

What qualifications and experience do you hold?

I have a BTEC Certificate in call centre operation, my experience in the call centre has given me a better understanding as to how to deal with different people, and this has brought a greater desire to compliment my experience with academic courses, preferably marketing or public relations.

Can you provide a bit of background on yourself outside of work? (Hobbies, family, favorites etc)

I am the eldest of two children in our family; I enjoy shopping and spending time with my friends and family. I am passionate about life and see each new day as a chance to explore and take advantage of new opportunities.



**ATA ITD Office Support
and Training Administrator
Gugulethu More**

Course Outlines and Upcoming Dates

Emergency Medicine Course

The EMC is a two-week theoretical and practical training programme to assist medical, paramedical and nursing practitioners in improving their skills in the management of medical, cardiac surgical and trauma emergencies. Delegates attend the ACLS® and ATLS® courses, and receive hands on practical training (i.e.: Pre-Hospital, Emergency Room, and Trauma Intensive Care Unit).

EMC 01/12

07 Mar – 22 Mar 2012

Closing date for applications: 13 January 2012

EMC 02/12

17 May – 01 Jun 2012

Closing date for applications: 23 February 2012

EMC 03/12

15 Aug – 30 Aug 2012

Closing date for applications: 23 May 2012

EMC 04/12

17 Oct – 01 Nov 2012

Closing date for applications: 25 July 2012

EMC 05/12

05 Nov – 20 Nov 2012

Closing date for applications: 13 August 2012

For further information on this course and others, please contact Janine Arendze on janine.arendze@actiontraining.co.za / on +27 11 450 4263

Course Outlines and Upcoming Dates

Health and Safety Officer Course

The Health and Safety Officer Training Course is a ten day full time theoretical and practical training programme to empower and upskill Health and Safety Officers in order to be holistically capable and more competent in their daily duties. Topics addressed include: health and safety, fire awareness, primary emergency care intervention (first aid), HIV awareness and emergency and evacuation planning.

16-27 January

13-24 February

05-16 March

10-23 April

07-18 May

11-22 June

16-28 July

13-26 August

03-14 September

15-26 October

12-23 November

03-14 December

For further information on this course and others, please contact Janine Arendze on janine.arendze@actiontraining.co.za / on +27 11 450 4263

Course Outline and Upcoming Dates

Audiometry and Spirometry Training Course

The Audiometry and Spirometry four day long programmes are designed for healthcare practitioners in order to improve their competence and skills in these fields. The Audiometry training is unit standard written for Audiometric techniques; successful completion will enable to candidate to register with the Audiometry database as an Audiometrist. The Spirometry training complies with the unit standard written for Spirometry, based on the ATS and ERS standards.

Gauteng

13-16 February, 18-21 June, 17-20 September
23-26 January, 10-13 April, 13-16 August, 29 Oct - 01 November

KwaZulu Natal – Durban

23-26 April, 16-19 July
14-17 February, 04-07 June, 25-28 September

Eastern Cape - Port Elizabeth

12-15 March, 27-30 August
07-10 May, 15-18 October

Western Cape - Brackenfell

28-31 May, 12-15 November
05-08 March, 10-13 September

For further information on this course and others, please contact Janine Arendze on janine.arendze@actiontraining.co.za / on +27 11 450 4263

Course Outline and Upcoming Dates

The Emergency Medical Technician (EMT) Basic Life Support (BLS) Course

The EMT BLS course, which is firmly based and modeled on the Basic Ambulance assistant (BAA) course as designed and implemented by the Health Professions Council of South Africa (HPCSA), is intended to be the entry level qualification into the Emergency Medical Services (EMS). The four week full time course is intended to enable the practitioner to manage a wide variety of emergency situations at a BLS level and to recognise when Advanced Life Support (ALS) measures are required.

09 January – 03 February

13 February – 09 March

12 March – 05 April

16 April – 11 May

21 May – 15 June

25 June – 20 July

30 July – 24 August

02 September – 28 September

08 October – 02 November

12 November – 07 December

Mines Rescue, Fire Fighting and Technical Rescue Training Courses

Course dates available on request

For further information on this course and others, please contact Janine Arendze on janine.arendze@actiontraining.co.za / on +27 11 450 4263

Course Outlines and Upcoming Dates

Other Training Courses

In addition to the courses mentioned previously, ATA International Training Division is positioned to deliver training programmes, both locally and internationally, on the following:



English Language Training
Medical English Training
Extended Doctor Training
Emergency Medicine Training
Occupational Health
Topside Support Training
Maritime HSE Training
Basic Life Support Training
Basic Fire Fighting Training
First Aid Training (Levels I, II, III)

Course dates available on request

For further information on this course and others, please contact Janine Arendze on janine.arendze@actiontraining.co.za / on +27 11 450 4263

Dates to Diarise 2012

DECEMBER 2011

- 1 – World Aids Day
- 3 – World diabetes day
- 25 – Christmas day
- 26 – Day of Goodwill



JANUARY 2012

- International year of cooperatives
- 30 – World Leprosy Day



FEBRUARY 2012

- 2 – World Wetlands Day
- 4 – World Cancer Day
- 20 – World day of Social Justus



Industry News and Reports *'World Health Report – Health Systems Financing'*

In this month's Industry News and Report's we take a look at the World Health Organisation's ***'World Health Report – Health Systems Financing.'***

In this report, the World Health Organization maps out what countries can do to modify their financing systems so they can move more quickly towards this goal - universal coverage - and sustain the gains that have been achieved. The report builds on new research and lessons learnt from country experience. It provides an action agenda for countries at all stages of development and proposes ways that the international community can better support efforts in low income countries to achieve universal coverage and improve health outcomes.



To access the full report, click [here](#)