



Asset Management Engineers

***The Smarter
Choice***

Welcome to the November eNews! Inside you'll find the latest from AME and special features on Non-Destructive Testing (NDT) and compliance responsibilities in relation to Multi-Purpose Mobile Equipment.

Recent news within the industry surrounding Plant Records prompted us to write this lead article, read on to find out why.

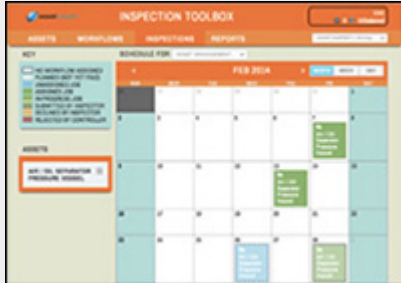
Regards,
The AME Team

Industry urged to keep better track of Plant Records



Maintaining comprehensive service history and plant records for your site should be an integral part of your asset management plan. For a number of reasons companies often lose track of their service history held by their asset maintenance partners.

Recent news has highlighted that many sites have not kept a comprehensive record of plant servicing and have lost a multitude of data, in particular if asset inspection partnerships



ended without giving the site access to their full plant history.

As a company AME have always upheld the importance of clear, concise and well documented records, delivering access to full service history for clients through the implementation of our unique **Classified Plant Management System (CPMS)**.

Recently AME have been working with our partner organisation Inspection Toolbox (iTB) to upgrade the **CPMS** providing a more streamlined, paperless and even more easily accessible solution.

This system has been developed as an easy-to-use, single point portal for all documentation, reports, photos and registers allowing you to have instant access to available plant records 24/7 from anywhere, provided you have internet access.

iTB enables users to minimise the time taken in report writing, provide standardisation in reports, take GPS locations of plant and is easily integrated with ERP systems such as SAP, Oracle and Maximo.

AME this month, start the transition for existing clients over to the new iTB system and invite any interested clients to speak to us about our **CPMS** and what it will mean for your plant records.

For more information on Inspection Toolbox, [visit our website](#)
To enquire directly contact info@asseteng.com.au or call 08 9466 7444

Does your ITC & THM comply with the latest DMP interpretation for this type of equipment?



Is your company using Integrated Tool Carriers (ITCs) and/or Telescopic Handler Machines (THMs) on site? If so, you need to read on about the latest compliance interpretations in accordance with the **Mines Safety and Inspection Regulations 1995**.

The DMP recently released a safety bulletin outlining their concerns with the use of non-compliant ITCs and THMs. AME Plant Inspectors have found similar issues in the past, so we have summarised your responsibilities and how you can prevent non-compliance in future.

[Read the full article here](#)

To enquire about our Plant Inspection and Asset Management Services please contact AME on 08 9466 7444

[See Mines Safety Bulletin No. 114](#)

When should you be using Non-Destructive Testing (NDT)?



Non-Destructive Testing (NDT) is a growing analysis technique within the asset inspection industry employing specific methods to evaluate the condition of plant without causing damage to the equipment.

In recent years the plant inspection industry has recognised the value of NDT technologies in saving time and money with an 88% growth in the NDT Market between 2009 - 2013 and a predicted year-on-year growth rate of approximately 9%.

Successful and consistent application of NDT depends heavily on personnel, training, experience and integrity. AME's Asset Management Consultant, Grace Jenkins says successful NDT can only be carried out by experienced and competent personnel.

"Without experience in using NDT techniques, it can be easy to misread false indicators or non-relevant indications of what may look like a simple reading and approve a piece of plant as safe when in fact it has discontinuities," says Grace.

The first level of NDT is comprehensive visual inspection, which is important, however more in depth NDT techniques such as Ultrasonic (UT), Penetrant (PT) and Magnetic Particle (MT) Testing can advise an experienced inspector of any discontinuities present and whether the plant can continue to be operated.

[Read the full article on NDT Processes and Inspections.](#)

To enquire directly about NDT, contact Grace Jenkins or one of our specialists on 08 9466 7444.

To view Grace Jenkins staff profile, [click here](#).

Welcome AME's new NDT Professionals



Over the past month AME have welcomed two new NDT Professionals to our team. Suresh Ramar and Dennis Salvatierra are highly efficient and experienced technical inspectors that bring a wealth of knowledge and passion to the AME team and to our clients.



Suresh Ramar

Suresh is a highly skilled engineer and technical inspector with experience in Ultrasonic Weld Inspections, Dye Penetrant and Magnetic Particle Testing.

With a solid background in Mining, Materials Handling, Manufacturing and Quality Inspections, Suresh is a highly qualified and capable Plant Inspection and NDT specialist.

[View Suresh's full staff profile](#)



Dennis Salvatierra

Dennis has extensive experience and knowledge in Non-Destructive Testing. He is highly competitive, passionate, and pro-active.

His experience evolved in Oil & Gas Refineries, and in Off-Shore and On-Shore NDT in accordance with API RP2X specification.

He also has a background in Petrochemical Plants, Cement Plants, Coal Mining Sites, Geothermal Power Plants, Coal Fired Power Plants, Construction of Structural Buildings, Fabrication Shops and Mechanical Workshops.

[View Dennis' full staff profile](#)

Could a Plant Risk Assessment save lives at your site?



Authorised Partner



Safe Work Australia recently released the Work-Related fatalities associated with unsafe design of machinery, plant and powered tools report for 2006 - 2011.

523 fatalities were examined in the study with 36% (188) found to be design related, meaning these fatalities would potentially not have occurred if the risks of the equipment involved had been eliminated through safe design.

The report highlighted some of the most common causes of unsafe design related fatalities:

- Inadequate guarding (21%)
- Lack of roll-over protection structures or seat belts (15%)
- Lack of residual current device (12%)
- Lack of interlock (8%)
- Driver obstructed vision (8%)

The report also specified from 2006 – 2011 there were seven fatalities recorded involving elevated work platforms where users were crushed against roofing and beams.

AME have recently become Australia's only Authorised Partner

of **Plant Assessor**, offering comprehensive plant risk assessments (PRAs) to proactively assess plant and equipment to ensure they are safe to use.

In many situations, work sites will carry out plant risk assessments themselves, however there are several common mistakes made during PRAs that prevent them from being comprehensive and accurate safety assessments.

[Click here to read more on how to avoid common pitfalls in plant risk assessments.](#)

To enquire about AMEs Plant Risk Assessments as an Authorised Partner of Plant Assessor contact Steve Stedman on 08 9466 7444 or email s.stedman@asseteng.com.au

Classified Plant Training



Classified Plant Inspection Expert Trevor Hughes is AMEs Lead Trainer and Managing Director who brings his wealth of experience and knowledge to AMEs ½, 1 or 2-day courses.

A Chartered Professional Engineer, Trevor has trained personnel from DMP officials to Plant Inspectors and Mine Managers.

During the month of November Trevor will be travelling throughout WA to UGL Newman, Karara Mining and Esperance Port Authority to conduct on-site training.

Training held at the AME facility in Belmont is almost full for the remainder of the year however we have new dates announced for 2015:

Belmont
10/11 Dec - FULLY BOOKED
17/18 December
14/15 January
11/12 February
11/12 March

Kalgoorlie
NO BOOKINGS AVAILABLE

[Click here](#) to read more about Trevor's experience.

[Register online today,](#)

or contact Diane Bekkers on **(08) 9466 7444**

or diane@asseteng.com.au

More Information



For more information or to speak to one of our staff about our Plant Inspection or Asset Management services, please contact AME on (08) 9466 7444

AME News

All of AME's News Updates and articles are archived and available for you to browse on our website

[find out more](#)

Industry Updates

The latest industry news directly from the source:



Department of Mines & Petroleum



Worksafe WA



Safe Work Australia

**All the very best
from the AME Team!**



Asset Management Engineers

Honest - Passionate - Responsive - Quality Focussed

*Plant Inspection
Services*



*Contracting
Services*



Training

