



Asset Management Engineers

***The Smarter
Choice***

Happy New Year from everyone here at AME, we hope your year has started safe and well.

To borrow some wise words from the Safe Work Australia CEO Michelle Baxter:

"The beginning of the year signifies the 'fresh start' the majority of us use to make personal improvements or strive to be better, so in 2015 rather than committing to just a personal change, focus on something that will also benefit your work-mates, family and the broader community. Improvements to workplace health and safety don't have to be difficult or expensive tasks. They can increase productivity, and could save someone's life."

In our commitment to safety in 2015, AME make it our mission to continue to assist all our clients to maintain compliance with relevant regulations and standards, and remain an industry leader in our field of expertise.

We hope you'll find some inspiration for your own safety commitments in this month's newsletter .

Regards,
The AME Team

Start 2015 with the basics: Do you know your Classified Plant?



Under the WA Mine Safety and Inspection Regulations (MSIR 1995) Classified Plant is defined as any boiler, crane, hoist, lift or pressure vessel. This includes both fixed and itinerant plant such as elevating work platforms (EWP's), overhead and mobile cranes, monorails, mancages, air receivers and boilers.

So why register Classified Plant? Two reasons stand out for the registration, inspection and management of Classified Plant:

- (1) It is required by law (under Reg. 6.34) that all items of classified plant at mine sites must be registered before use, but more importantly;
- (2) Classified Plant is considered high-risk plant and equipment that has been found to be extremely hazardous, particularly if it's design, construction, testing, operation or maintenance has been deficient.



Registering Classified Plant ensures that the plant conforms to applicable regulations and Australian Standards, and due to the hazardous nature and potential to cause harm it must also be regularly inspected.

If Classified Plant is not registered or inspected according to the applicable regulations and statutory law, this can lead to individual employee fines of up to \$6,250 and company fines of up to \$62,500 per offence. Leaving plant unchecked could lead to the harm and destruction of equipment or to the injury and even death of personnel.



For a more in depth understanding your compliance responsibilities please contact AME or book to attend one of our Classified Plant Training sessions (see available dates below). Call 08 9466 7444 or email info@asseteng.com.au

AME announce new Business Partner



AME announce it has been confirmed as a BHP Billiton Business Partner.

Official Definition :

(1) Joint venture partners or co-investors; or

(2) Third parties that interact with others on behalf of BHP Billiton or BHP Billiton owned or controlled entities, such as agents, brokers, intermediaries, advisors, **consultants**, representatives, travel agents, freight forwarders, customer or visa agents, tax advisors, law firms, finders, lobbyists and accountants.

This recognises AME as interacting with others like statutory and government organisations *on behalf* of BHP Billiton (BHPB) and its entities.

AME will continue to provide BHPB with a number of Classified Plant Management services including Classified Plant Inspections, Training and Non-Destructive Testing (NDT).

It is a big step forward for AME in our relationship with this resources company and in our commitment to providing an industry leading services to all our clients.

For more information on AME Plant Inspection Services [click here](#).

To contact AME directly to discuss your business needs call **08 9466 7444** or email info@asseteng.com.au

AME complete Roy Hill site inspection and audit with Samsung C&T



A team of Classified Plant Inspectors and a Lifting Equipment Engineer have recently returned from inspecting a large number of classified plant items at the Roy Hill mine in the Pilbara as a part of a new partnership with Samsung C&T confirmed in January 2015.

AME inspectors assessed certain plant and equipment to ensure compliance with relevant standards and regulations, particularly equipment involved in high-risk activities such as cranes.



AME's Managing Director and Chartered Professional Engineer Trevor Hughes identified these high-risk items of plant as particularly important in requiring regular inspection in accordance with applicable legislation and standards.

"High risk plant and equipment should be inspected by all personnel before they are used, and regularly inspected by the experts to ensure safety of all mine personnel and equipment." says Trevor.

The massive new Roy Hill mine is currently in construction phase managed by engineering, procurement and construction contractor Samsung C&T, and when finished the processing plant, rail and port facilities will produce 55 million tonnes per annum (Mtpa) of Hematite direct ship ore (DSO) as Lump and Fines.

AME will assist Samsung C&T with the management of high risk plant and equipment inspections on site for the duration of the construction period to ensure inspection, testing, refurbishment and if necessary, replacement, of all classified plant on site.

View our technical article on Lifting Equipment Engineering regulations [here](#).

Contact our Plant Inspection and Auditing team on **08 9466 7444** or email info@asseteng.com.au

Scott starts 2015 on a high as our new Lifting Equipment Engineer



AME welcome Scott Agnew to our team as our Lifting Equipment Engineer. Scott brings with him extensive experience in mining and mechanical engineering.

As a highly qualified Chartered Engineer in Manufacturing and Mechanical Engineering, Scott will assist AME to further develop our capacity for inspecting and ensuring compliance for lifting equipment involved in high risk activities.

In his previous role as a Mechanical Engineer for Konecranes, Scott conducted inspections and compiled reports for major structural and mechanical assessments for cranes. Scott also designed and oversaw the manufacture of new cranes and performed major equipment inspections in line with WA Mines Safety and Inspection Regulations (MSIR 1995) and Australian Standards.

Scott has also worked as a Senior Mechanical Engineer designing, manufacturing and implementing Structural Monitoring Systems using NDT to detect fatigue in mechanical and composite aircraft structures .

*If you have a query for Scott or would like to organise an inspection call **08 9466 7444** or email*

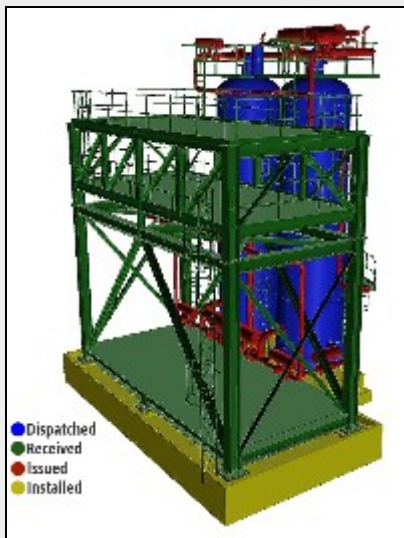


scott@asseteng.com.au

New tracking software makes assets 'self-aware'



Track'em
Authorised Partner



AME are working with Track 'Em in a new venture to track and manage the location and condition of valuable assets throughout their entire asset life cycle.

Assets will be tracked from engineering design, fabrication and manufacturing through to delivery to site, installation, commissioning and facilities management.

Using unique RFID and GPS tracking technology, the paperless solution provides the real-time location, status and condition of material, plant and equipment assets visualising them within the 3D model.

The addition of intelligent RFID technology means that plant assets can be "self-aware" of their own inspections status – opening up a whole new era for Classified Plant Management.

Track 'Em developers claim it is the "Source of Truth" or actual state of assets across the supply chain and on site, permitting stakeholders a level of visibility and interoperation never previously seen within the industry.

The technology has delivered up to a 10% reduction in the install cost of major plant for Australian and overseas Oil & Gas and Mining projects.

To enquire about our Plant Inspection and Tracking solutions call 08 9466 7444 or email info@asseteng.com.au

Featured Contractors



Colin Liddell - Available April 2015

Colin is an experienced Asset Management Consultant specialising as a Shutdown Planner with over 30 years of industry experience. Recently Colin has worked as an AME



consultant and with clients such as BHP Billiton, KCGM, Alcoa and MMG.

Colin will finish up a project for AME client KCGM at the end of March where he has been an influential part of a shutdown coordination team. His experience includes:

- Maintenance Management
- Shutdown Planning and Scheduling
- Project and Construction Planning
- Risk Assessments
- Root Cause Analysis (RCA)
- Repair Quotation Review Reports

Nigel Cass - Available now



Nigel is qualified in Maintenance Management and Engineering and has extensive experience in the Mining and Oil & Gas industries in Asset Management, Maintenance Management and Planning Engineering.

Previous roles have seen Nigel work for Australian and International companies including Mt Gibson Iron Ore, Woodside Energy, Rio Tinto and BHP Billiton. Nigel's key capabilities include:

- Technical/Practical Maintenance Management
- Planning, Scheduling and Logistics
- Project Management
- Safety Management
- Staff Supervision and Management

For more information on our consultants or to enquire about consultant contracts, contact AME on 08 9466 7444 or email info@asseteng.com.au

Classified Plant Training



Classified Plant Inspection Specialist Trevor Hughes is AME's 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.

Our training dates for the first half of 2015 are as follows:

Belmont
15/16 April (FULL)
14/15 May
17/18 June

15/16 July

Kalgoorlie

24/25 March

20/21 May

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

[Register online today.](#)

or contact Amy Groves on **(08) 9466 7444**

or admin@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

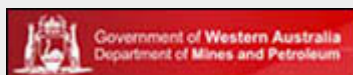
AME News

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!***



Honest - Passionate - Responsive - Quality Focussed

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The Smarter Choice