

MEYERS Christina

From: FIRTH Steven
Sent: Tuesday, 20 December 2016 3:43 PM
To: GRAHAM Alan
Subject: FW:
Attachments: Mine Record items for Crystal pit.docx

From: FIRTH Steven
Sent: Monday, 19 December 2016 4:07 PM
To: BROWN Trevor (Townsville) <Trevor.Brown@dnrm.qld.gov.au>
Subject:

Published on DNRME Disclosure Log
RTI Act 2009

Mine Record items for Crystal pit.

Directive

Establish an effective Maintenance Regime

Description of Action Required to be Taken:

Develop and utilise an auditable maintenance system that can be applied to fixed and mobile plant assets. The system should incorporate the following subjects as an absolute minimum for recording information on plant:

1. Transport, storage and installation
2. Commissioning
3. Operation
4. Monitoring
5. Servicing and maintenance
6. Decommissioning, dismantling and demolition

Refer to MQSHR 2001, s 112 Specifications, instructions and other information about plant

Directive

The Terex Loader model 72-81AA has rated maximum payload 12,247kg.

The modified lifting forks are to be certified by a competent person to determine a safe working limit.

Refer to MQSHR 2001, s 112 Specifications, instructions and other information about plant



Service and Maintenance of Plant - lifting equipment

Lifting Equipment / Fibre Slings

All site lifting gear is to be inspected and condition determined by an accredited person. Ensure that a lifting equipment register is in place and that periodic checks are being completed on equipment in operation and storage. Damaged slings, chains and fittings are to be removed from service and destroyed.

Refer to MQSHR 2001, s 108 Monitoring

Refer to AS 1353.3 Care and use of synthetic webbing slings



Fall hazards

Observation:

The present state of the ladders used on site is poor.

Description of action required to be taken:

Provide suitable and functional ladders.

Refer to MQSHR 2001, s 100 Selection and design



Plant safety

Description of Action required to be taken:

The bucket hitch on the excavator is cracked where previous repairs have failed. Replace or correctly repair the damaged area by a suitably qualified person (structural repairs).

Refer to MQSHR, s. 100 Selection and design



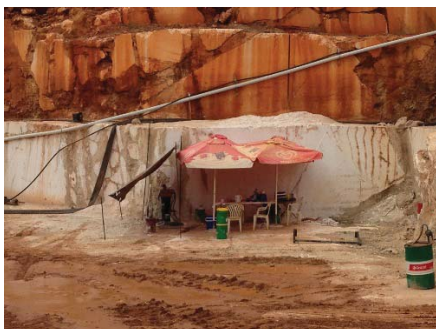
Amenities

The site senior executive must ensure the mine has appropriate amenities for use by workers to maintain their fitness and health. The amenities must include the following, as appropriate, having regard to the nature of the mine's operations:

- (a) food storage and consumption facilities
- (b) supplies of cool drinking water
- (c) washing and bathing facilities
- (d) toilet facilities
- (e) refuse disposal

Refer to MQSHR 2001, s 90 Amenities for workers' fitness and health

Refer to Qld Building Codes Standards



Selection and Design of Plant - Guarding

Description of Action required to be taken:

Guarding is to be installed on wire saws where exposed rotating parts or nip points are present during operation.

Refer to MQSHR, s. 100 Selection and design



Braking systems on mobile plant

Due to concerns relating to the correct testing of brakes for mobile equipment, all mobile equipment braking systems must be checked by a competent person periodically. The frequency of checks must be such that the braking systems on mobile equipment are always effective.

Refer to MQSHR 2001, Part 10



Selection and Design of Plant - Access

Description of Action required to be taken:

Access to plant is to be made safe. This is to include plant ladders, hand rails and steps.

Refer to MQSHR, s. 100 Selection and design

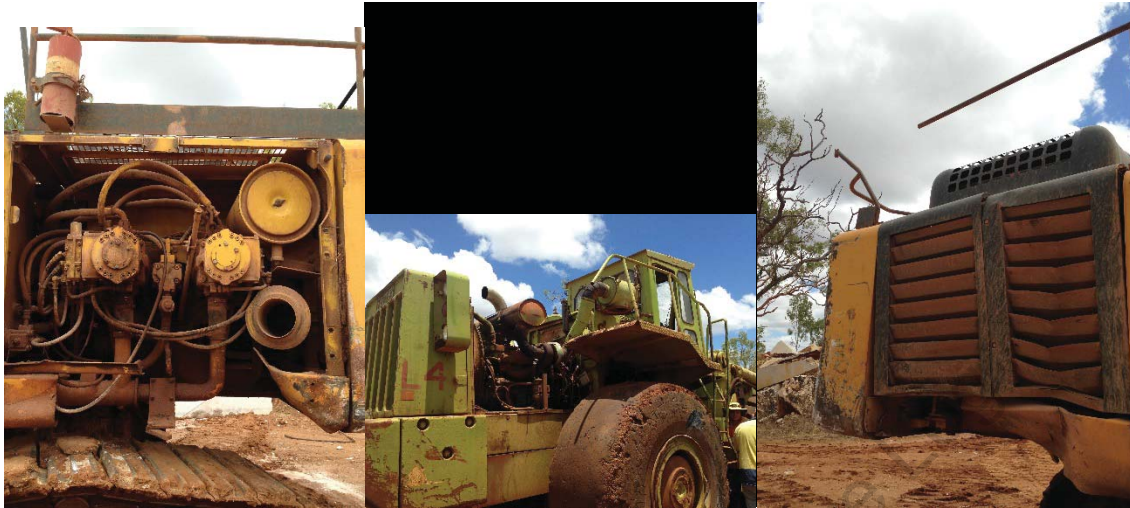


Plant safety

Description of Action required to be taken:

General structural damage on most engine bays of mobile plant. Machine covers are to be replaced.

Refer to MQSHR, s. 100 Selection and design

























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Review Comment	Review Officer	Review Date	Due Date	ReAssigned To



Queensland Government
Natural Resources, Mines and Water

Vision: Our Industries Free of Safety and Health Incidents

Townsville Office

P.O. Box 5318 MC, TOWNSVILLE QLD 4810
Phone: 07 4760 7408, Fax: 07 4760 7400

Directive

I Richard Horsburgh, an Inspector appointed under Section 122, of the Mining and Quarrying Safety and Health Act 1999 issue a directive to reduce risk, pursuant to Section 163 of the Mining and Quarrying Safety and Health Act 1999.

Subject: Plant Defects

Mine Name: Cairns Marble - Chillagoe Quarries

Operator: Cairns Marble

Activity: Investigation

Activity Date: 25/09/2003

Record Date: 06/10/2003

MRE Item No.: 1

Title: Repair braking system

Directive Given:

It is my belief that the use of the Terex loader Serial Number 64220 in its present condition creates an unacceptable level of risk and so its use is forbidden until the braking system is repaired and effective.

Reasonable Time for Compliance - Due Date: 21/11/2003

Completed: 24/11/2003, **Closed by:** Richard Horsburgh **on** 24/11/2003.

Recommendation

Subject: Competency of operators

Mine Name: Cairns Marble - Chillagoe
Quarries

Operator: Cairns Marble

Activity: Investigation

Activity Date: 25/09/2003

Record Date: 06/10/2003

MRE Item No.: 2

Title: Operator assessment for competency

Description of Action Recommended to be Taken:

All operators of mobile equipment should be formally assessed for competency by a competent person. Operators of mobile equipment should gain an understanding the features of each particular machine by studying the operators manuals.

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Directive

I Trevor Brown, an Inspection Officer appointed under Section 122, of the Mining and Quarrying Safety and Health Act 1999 issue a directive to reduce risk, pursuant to Section 163 of the Mining and Quarrying Safety and Health Act 1999.

Subject: Electrical Equipment

Mine Name: Cairns Marble - Chillagoe Quarries

Operator: Cairns Marble

Activity: Inspection

Activity Date: 27/08/2003

Record Date: 08/09/2003

MRE Item No.: 1

Title: Documentation and testing of electrical equipment

Directive Given:

I believe the risk of not knowing if electrical equipment is protected against overload, short circuit and earth fault to be unacceptable.

All electrical equipment ratings are to be documented along with their protective devices settings. This data is to be checked to ensure each electrical circuit is protected against overload, short circuit and earth fault under all operating conditions.

Changes are required (if any) to ensure each electrical circuit is protected against overload, short circuit and earth fault under all operating conditions.

A schedule of regular testing to ensure electrical equipment is safe is also required to be implemented.

Refer "Mining and Quarrying Safety and Health Regulations 2001" section 22 & 108

Reasonable Time for Compliance - Due Date: 24/10/2003

Completed: 27/10/2003, **Closed by:** Trevor Brown **on** 27/10/2003.

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Substandard Condition or Practice

Issued By: Trevor Brown, Inspection Officer

Subject: Appointments

Mine Name: Cairns Marble - Chillagoe Quarries

Operator: Cairns Marble

Activity: Inspection

Activity Date: 27/08/2003

Record Date: 08/09/2003

MRE Item No.: 2

Title: Appoint person to control electrical work

Description of Action Required to be Taken:

A suitably qualified person is to be appointed to control electrical work on-site and that appointment is to be acknowledged by that person. A record of that appointment is to be kept with the Mine Record entry.

Refer "Mining and Quarrying Safety and Health Regulations 2001" sections 17 & 18

Reasonable Time for Compliance - Due Date: 26/09/2003

Completed: 27/10/2003, **Closed by:** Trevor Brown **on** 27/10/2003.

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Substandard Condition or Practice

Issued By: Trevor Brown, Inspection Officer

Subject: Isolation and Lockout

Mine Name: Cairns Marble - Chillagoe Quarries

Operator: Cairns Marble

Activity: Inspection

Activity Date: 27/08/2003

Record Date: 08/09/2003

MRE Item No.: 3

Title: Locks and tags for isolation

Description of Action Required to be Taken:

Isolation devices are to be available to personnel required to isolate equipment.

Refer "Mining and Quarrying Safety and Health Regulations 2001" section 107

Reasonable Time for Compliance - Due Date: 24/10/2003

Completed: 27/10/2003, **Closed by:** Trevor Brown **on** 27/10/2003.

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Substandard Condition or Practice

Issued By: Trevor Brown, Inspection Officer

Subject: Oxy & Acetylene

Mine Name: Cairns Marble - Chillagoe Quarries

Operator: Cairns Marble

Activity: Inspection

Activity Date: 27/08/2003

Record Date: 08/09/2003

MRE Item No.: 4

Title: Fitting of flashback arresters

Description of Action Required to be Taken:

Oxy and Acetylene cutting equipment require the fitting of flashback arresters. These are back-up safety devices.

Refer "Mining and Quarrying Safety and Health Regulations 2001" section 100

Reasonable Time for Compliance - Due Date: 12/09/2003

Completed: 27/10/2003, **Closed by:** Trevor Brown **on** 27/10/2003.