

Date Prepared: Oct-06

Noise Management Plan

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| Site or Cell | Pakenham Quarry |
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| | Action | Measure | Who | When | Status |
|----|---|--|----------------------|---------------------------------------|--------------------------|
| 1. | Complete a site noise exposure assessment | Results available and communicated to all employees. Copy of assessment stored on site. Assessment occurs every 5 years – planned 01/09 Review assessment at SITE Meeting | SD DV | Mar-04 Mar-07 | Done 0% |
| 2. | Complete audiometric testing of all employees | Results of audiometric tests communicated with employees and audiometric tests occur every 2 years. Results recorded in CHRIS. Complete audiometric tests as part of SHE schedule. Next Planned audiometric test: May-08 Formal report required. | SD DV | May-04 May-06 | 100% 100% |
| 3. | Provide training in the effects of noise exposure, control measures used to reduce noise exposure at the site, the purpose of audiometric testing and, the selection and use of Personal Protective Equipment | Records of training in CHRIS Training occurs annually during re-induction. Tool box talk to be completed on Hearing Protection Next Planned Induction –refer to Training Plan 2007 | DV DV DV DV | Nov-06 Nov-06 Sep-07 Ongoing | 100% 100% 0% 0% |
| 4. | Include noise training in the site induction | Induction package includes the correct use of hearing protection Next Planned Induction –refer to Training Plan 2007 | DV DV | Nov-06 Ongoing | 100% 0% |

EMP Appendix 11

| | Action | Measure | Who | When | Status |
|-----|---|---|-----------------|-----------|---------|
| 5. | Ensure that adequate maintenance is performed on mobile equipment to reduce unnecessary vibrations and rattles. | Maintenance conducted as per OEM, equipment services and operators inspection checklists. | NT | Ongoing | Ongoing |
| 6. | Ensure that adequate maintenance is performed on fixed plant to reduce unnecessary vibrations. | Weekly, Fortnightly and Monthly inspections completed. Maintenance inspections of fixed plant conducted with emphasis on parts, which vibrate and rattle i.e. rollers and chains. Hazard and Housekeeping inspections completed monthly | NT | Ongoing | Ongoing |
| 7. | Limit access into plant during normal operations, where practicable. | Majority of maintenance completed after hours once the plant has stopped. Shovellers noise exposures are limited through various reliefs throughout the day. Employees do not exceed 6 to 7hrs in sheds. | DV DV/N T | Oct-06 | 100% |
| 8. | JSA's to include PPE requirements, i.e. hearing protection. | All JSA's to be reviewed to include mandatory PPE requirements | DV | Jan-07 | 100% |
| 9. | Complete signage inspection around plant to ensure that all signage is in good condition and easily visible, check that all relevant areas are sign posted correctly. | Complete inspection as part of hazard and housekeeping inspection checklist. This checklist will be completed quarterly. | DV | Quarterly | 0% |
| 10. | Ensure that all sheds are enclosed to reduce noise. | Enclose ground level of Secondary Crusher Building. | MS | Dec-07 | 0% |
| 11 | Ensure all new equipment meets SHE guideline 3.17 Noise | All new equipment is to be tested by Kilpatrick's prior to use. | DV | | |
| 12 | Implement additional acoustic measures when excavation activities occur within 10m of the quarry rim. | Construction of earth berm or other noise barrier sufficient to attenuate noise at nearest sensitive receptor(s) to comply with permissible limits (ref. EMP). | | As req'd | |
| 13 | Install broadband reversing beepers or similar to mobile heavy plant/machinery. | | | Mar-08 | |

EMP Appendix 11

| | Action | Measure | Who | When | Status |
|----|--|--|------------|--------------|---------------|
| 14 | Conduct environmental noise monitoring as per the Environmental Monitoring Schedule | Ref. Environmental monitoring Schedule, section 2. | | As specified | |
| 15 | Conduct monthly housekeeping inspections which include subjective evaluation of noise conditions and effectiveness of prevention measures. | Completed inspection checklist to be signed off by Quarry Manager. | | monthly | |