

OP07 – Mineral Processing (Stockpiling)

What is this?

The purpose of this document is to prepare procedures covering the control of stockpiling operations.

What does the responsible manager need to do?

The responsible manager must ensure that:

- A daily inspection of the stockpile area is undertaken (this may be assigned to an appropriately competent supervisor)
- All plant and equipment is suitably inspected and maintained as per Regulation 12(1)(a)(iii) Quarries Regulations 1999
- Site hazard plan is on display
- Stockpiles are constructed in accordance with any conditions contained within the planning consent
- Any measures outlined within the site permit are complied with
- Stockpiles may be subject to routine geotechnical assessment
- Stockpiles display the appropriate signs
- Working practices are in place to prevent contamination of stockpiled material (to prevent wastage)
- Measures are adopted, if appropriate, to minimise fugitive dust from stockpiling activities
- Stockpiles of fine materials are shaped to avoid being attractive habitats (eg sand martins like vertical faces)
- Mobile plant operators have undertaken, or are in the process of undertaking, an NVQ level 2 in the appropriate discipline
- If a dust suppression system is in operation it must be in a scheme of inspection and maintenance. In addition a suitable stock of suppressant chemical and adequate supply of water must be available
- All internal/external personnel are aware of times of loading
- Minimise light pollution by the use of appropriate lighting/downlighting and timers during the night
- Wheel wash facilities are serviceable
- Weighbridge/s are within the scheme of inspection and maintenance (annual calibration)
- Loading equipment should employ 'weighloading' technology and should be calibrated in line with manufacturer's guidelines



- The site is compliant with all conditions within the planning consent
- Regular environmental incident drills are undertaken and the results are recorded
- Environmental incidents and complaints are recorded
- The site is compliant with permit conditions
- Site emergency procedures are clearly displayed and understood by the workforce
- Correct signage is in place to warn the workforce and visitors of any danger.

What do employees have to do?

All employees must ensure that:

- Stockpiles are constructed as instructed
- Materials are stockpiled correctly to avoid contamination
- Any contamination of materials is reported immediately to site management
- Any significant case of fugitive dust is reported to site management immediately
- Any signs of wildlife using stockpiles as habitats are reported to site management immediately
- Loading areas are firm, flat and clear from obstructions
- A daily inspection sheet is completed
- Items of plant not in use are switched off
- Any litter is reported to a superior
- Be conversant with site rules, ie speed limits, traffic flows, loading times, parking areas, etc
- No overloading of vehicles
- Undertake basic maintenance
- Operate plant and equipment in a manner to minimise environmental impact.

Associated documentation

EMS Section

- Operational Control

Forms

- EF03 – Internal Communication
- EF14b – Daily Mobile Plant Inspection Checklist
- EF15 – Incident Investigation
- EF16 – Load Rejection Record

