

# Environmental Compliance

## Concrete batching

### Checklist for operators

This checklist is designed to assist you in meeting your environmental due diligence. You should be aware that this document is only a guideline for compliance with your general obligations under the *Environmental Protection Act 1994*. It does not limit your legal responsibilities and obligations under the *Environmental Protection Act 1994* or any other relevant legislation.

\*\*\* signifies "best practice"

Compliance details		
Aspect	Requirement	✓
General	*** An environmental management system (EMS) is developed specifically for your business.	
	All staff are trained in the environmental management of the business.	
	Your business is complying with the conditions of the Development Approval.	
	A copy of the Development Approval is on-site and readily accessible.	
	A complaints register is kept on the premises to document any complaints received about the activity. The complaints register includes: <ul style="list-style-type: none"> <li>time, date and nature of the complaint</li> <li>how the complaint was made</li> <li>details of the complainant</li> <li>investigation into the complaint and action taken</li> <li>details of the person who investigated the complaint</li> <li>*** response to complainant.</li> </ul>	
	An incidents register is kept at the premises which records: <ul style="list-style-type: none"> <li>time, date and details of the incident</li> <li>how the incident occurred</li> <li>action taken to remedy the incident</li> <li>investigation into the incident</li> <li>recommendations from investigation.</li> </ul>	
	Your business is complying with the requirements of the Transitional Environmental Program (TEP) and the Environmental Protection Order (EPO) (where applicable).	
	Quantities of flammable and/or combustible liquids are stored in compliance with the requirements of the <i>Work Health and Safety Act 2011</i> .	
Site management - general		
Aspect	Requirement	✓
Lighting of premises	Lighting of the premises for security or any other reason is controlled so that annoyance is not caused to the occupants of neighbouring areas.	
Noise	Noise generating equipment and processes (e.g. compressors, sanders) are controlled so that noise nuisance is not caused to surrounding premises.	
Maintenance	The facility is maintained in a clean and tidy state at all times.	
	*** Visual amenity blends suitably with the surrounding environment.	
Air/odour	Dust, odour and particulate emission are controlled so that nuisance is not caused to surrounding premises.	
Stormwater	Stormwater is prevented from entering contaminated work areas.	

For more information, contact your local Council

Site management – site specific		
Aspect	Requirement	✓
Air	Maintenance records are maintained for all filters.	
	*** Monthly or quarterly monitoring of dust generation is undertaken and records are kept of dust fallout, 24 hour high volume sampling and/or respirable (PM10) dust levels.	
Water	No truck wash-down water or acid wash is released outside of the approved catchment area.	
	Roadway, immediately outside premises, is free from contaminants.	
	Sampling of approved settlement pit discharges is undertaken quarterly.	
Aggregate storage		
Aspect	Requirement	✓
Air	Materials are delivered in a “wetted” state. If material has dried out in transit, it is wet-down prior to unloading.	
	Aggregate stockpiles are enclosed by walls on at least three sides; aggregates are 0.5m below the tops of the walls and 0.5 metres inside the open ends of the enclosures.	
	Materials are maintained “wet” by misting sprays.	
	***Sand and aggregate stockpiles are regularly watered and covered during long production intervals.	
	*** Covers are available for stored materials while not in regular use.	
Water	Areas where vehicles travel are sealed and graded to approved settlement pits.	
Noise	Noise generating equipment and processes (e.g. front end loader operation) are not causing nuisance.	
Cement and fly ash silos and conveyer systems		
Aspect	Requirement	✓
Air	Filters are fitted to all silo vents; spare filters are maintained on-site at all times.	
	Size and type of filter are appropriate.	
	Burst bag detector system is in use.	
	Cement is delivered from sealed vehicles into silos through pneumatic transfer.	
	Automatic sensor alarms are fitted to silos to prevent overfilling.	
	Conveyer systems roofed and enclosed on one side.	
	Spill trays are installed under the conveyer system and cleaned regularly.	
	Dust tight seal between silo discharge chutes and the weigh hopper are in place and maintained.	
	Conveyer transfer points and hopper discharge areas are fully enclosed.	
	*** Belt scraping devices and water misting sprays are provided to conveyer systems.	
	*** Use reverse pulse filters rather than “green bag” type filters.	
	*** Overhead bins are partially or totally enclosed from their base down to the aggregate weigh bins.	
	Water	Areas beneath conveyor systems are graded to approved settlement pits.
Noise	Sensors and alarms are of a level that do not cause nuisance to noise sensitive locations.	
	All noise generating equipment and processes (e.g. conveyor motors) are located so that noise nuisance is not caused to surrounding premises.	

Storage of potential contaminants		
Aspect	Requirement	✓
<b>General</b>	Potential solid and liquid contaminants are stored within an adequately bunded and covered area, away from through traffic areas.	
	Spill clean-up equipment is available.	
	Procedures are in place with respect to containment and disposal of spilt contaminants.	
	All containers with decanting taps are fitted with spill trays to contain drips from taps.	
	All bunds are constructed of compounds that are impervious to the materials stored within.	
Waste management – general		
Aspect	Requirement	✓
<b>Waste</b>	Undercover storage area is provided and maintained in a clean and tidy condition.	
	Waste containers are clearly labelled and located in conveniently accessible areas.	
	Waste is minimised on-site; only solid inert waste is disposed of to landfill.	
	No incineration of waste on-site.	
	Floor waste is captured and disposed of appropriately (e.g. sweep and bag, vacuum etc).	
<b>Wastewater</b>	Disposal to sewer under a trade waste approval, or removal by a licensed waste transporter.	
	*** Wastewater is treated on-site and re-used.	
<b>Regulated wastes</b>	All regulated wastes are removed from the premises by a licensed regulated waste transporter. Records are available for inspection of the following: <ul style="list-style-type: none"> <li>• Hazardous waste disposal facility docket (when applicable).</li> <li>• Licensed waste transport vehicle details (when applicable).</li> <li>• Register of time, date, quantity, type and destination of waste removed or disposed of.</li> </ul>	
<b>Recycling</b>	*** The following solid wastes are recyclable: <ul style="list-style-type: none"> <li>• Clean cardboard.</li> <li>• Aluminium cans and drink bottles.</li> <li>• Plastics.</li> <li>• Steel products (drums, drained steel cans).</li> <li>• Rags.</li> </ul>	
	*** Waste materials are treated and re-used on-site where possible.	
Waste management – site specific		
Aspect	Requirement	✓
<b>Sludge from settlement pits</b>	Disposal records kept. Not discarded on-site.	

Your name: \_\_\_\_\_ Date: \_\_\_\_\_