

Plastic manufacturing

Checklist for operators

This checklist is designed to assist you in complying with the conditions of your approval. You should be aware that this document is only a guideline for compliance with your conditions and 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 complies with the conditions of the Development Approval.	
	A copy of the Development Approval is on-site and readily accessible.	
	A complaints register is kept at the premises to document any complaints received about the activity. The complaints register includes: <ul style="list-style-type: none"> time, date and nature of the complaint how the complaint was made details of the complainant investigation into the complaint and action taken details of the person who investigated the complaint *** response to complainant. 	
	An incidents register is kept at the premises which records: <ul style="list-style-type: none"> time, date and details of the incident how the incident occurred action taken to remedy the incident investigation into the incident recommendations from investigation. 	
	Your business complies 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 the 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 (eg compressors, sanders) are controlled so that noise nuisance is not caused to surrounding premises.	
Visual amenity	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 emissions 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

Structural		
Aspect	Requirement	✓
Air	Hand application of resin used where practical.	
	All spray lay-up is undertaken in approved booth. (See Operator Compliance Guide.)	
	Volatile solvents and paints are stored within sealed drums or containers.	
	Gun wash station is used for the cleaning of spraying equipment.	
	*** Low styrene emission resins are used in all applications where the product does not require special properties that cannot be achieved using these resins.	
Trimming, grinding, sanding and drilling		
Aspect	Requirement	✓
Air	All activities, producing large volumes of dust and particulate matter, are mechanically ventilated and discharged through filtration equipment.	
	Amount of grinding and sanding is minimised by trimming prior to article hardening.	
	*** Dust extraction equipment provided to individual handheld equipment.	
Foam blowing and moulding		
Aspect	Requirement	✓
General	Records of maintenance are kept.	
	Chlorofluorocarbon compounds are not used as auxiliary blowing agents.	
	Gun wash station is used for the cleaning of spraying equipment.	
	*** Non-chlorine blowing agents are used as an alternative to ozone depleting agent.	
	*** Production technologies have been implemented for the production of flexible polyurethane to reduce use of toluene diisocyanate.	
Air	Exhaust gases are extracted and filtered using activated carbon filters or water scrubbers.	
	*** High pressure mix heads or self cleaning mix heads are used in foam moulding processes to reduce volatile emissions from mix head flushing and cleaning.	
	*** Electrostatic, airless, air assisted or high volume low-pressure guns are used to apply mould release agents and reduce overspray.	
Waste	All contaminated and spent solvents, used for cleaning equipment, are stored in sealed drums or containers.	
Spray painting		
Aspect	Requirement	✓
Air	All spray painting (other than spotting and touching up) is conducted within approved spray booth. (See Operator Compliance Guide.)	
	<ul style="list-style-type: none"> • Dry filter booth has filter fully-covering support frame spaces. • Dial gauge or manometer is fitted to indicate static pressure drop and replacement of filters. • Spare filters are kept at the premises. 	
	Water scrubber booth is functioning correctly with: <ul style="list-style-type: none"> • correct water level • manometer fitted to indicate negative pressure between the plates • addition of water and chemicals as per manufacturer's specifications. 	
	*** Records of spray booth maintenance are kept.	
	*** Records of regular monitoring of equipment are kept.	
	*** Monitoring of port in stack.	

Water	Equipment is cleaned in an appropriate manner with wastewater collected for disposal or directed to sewer under a trade waste permit.	
Storage of potential contaminants		
Aspect	Requirement	✓
General	Potential solid and liquid contaminants stored within an adequately bunded and covered area, away from through traffic areas.	
	Spill clean-up equipment is available.	
	Procedures are in place for 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		
Aspect	Requirement	✓
General waste	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 (eg sweep and bag, vacuum). *** Floors are cleaned using wet/dry vacuums.	
Wastewater	Disposal to sewer under a trade waste approval or removed by a licensed waste transporter.	
	*** Wastewater is treated on-site and re-used.	
Regulated wastes	All regulated wastes are removed from the premises by an approved regulated waste transporter. Records are available for inspection of the following: <ul style="list-style-type: none"> • Hazardous waste disposal facility dockets (when applicable) • Licensed waste transport vehicle details (when applicable) • Register of time, date, quantity, type and destination of waste removed or disposed of. 	
Recycling	*** Waste, as below, is segregated for recycling and re-used on-site where possible: <ul style="list-style-type: none"> • Clean cardboard • Aluminium cans and drink bottles • Plastics • Steel products (drums, drained steel cans) • Rags. 	
Waste management – site specific		
Aspect	Requirement	✓
General	Under-cured resin is hardened with a catalyst prior to disposal into bin.	
Solvents	*** Solvent is recycled on-site and used in gun wash station.	

Your name: _____ Date: _____