

Metal surface coating

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 and Environmental Authority (where applicable).	
	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, which 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 on 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> .	
	Notification has been made to the Queensland Government's Department of Environment and Heritage Protection for the Notifiable Activity 23 as per Schedule 3 of the Act, Metal Treatment or Coating.	
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 with the environment.	
Air/odour	Dust, odour and particulate emissions are controlled so that nuisance is not caused to surrounding premises.	

For more information, contact your local Council

Stormwater	Stormwater is prevented from entering contaminated work areas.	
Cleaning, preparation and mixing areas		
Aspect	Requirement	✓
Air	Volatile solvents and paints are stored within sealed drums or containers.	
	There is no release of particulates to the environment from activities conducted (e.g. sanding, grinding, dry rub).	
	Particulate is collected and disposed of appropriately.	
	***Dust collection equipment is provided to all dry rub-down equipment and fitted to equipment or downdraught floor with filtration.	
Water	Process water, e.g. from wet rub-down, is controlled appropriately.	
	Work area is covered and stormwater excluded from work area.	
	When preparing large objects or for itinerant operators, ground area beneath items is always controlled (e.g. drop sheets). Particulates are collected and disposed of appropriately.	
	Equipment is cleaned appropriately.	
Surface coating (spray booth)		
Aspect	Requirement	✓
Air	All spray painting (other than itinerant and large objects sprayed in accordance with requirements below) conducted within approved spray booth. (See Operator Compliance Guide.)	
	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 has sprays functioning correctly; make up water float level is correct; manometer must be fitted to indicate negative pressure between the plates; and addition of water and chemicals is as per manufacturer's specifications.	
	Booth used for powder coating does not allow airborne powder to escape from the booth into the workplace.	
	***Records of maintenance are maintained for spray booth.	
	***Monitoring equipment/port is in the stack.	
	***A water scrubber or activated carbon absorption filtration system is provided.	
	***Booth is provided to accommodate large objects where this activity is undertaken regularly.	
Water	Process water is directed to sewer or holding tanks.	
	***Process water is recycled.	
Surface coating (open air - itinerant activities or large objects only)		
Aspect	Requirement	✓
Air	Only large objects (greater than 2.5m x 2.5m x 3.0m) or fixed objects are sprayed in the open.	
	All items are fully-enclosed (sides and top) or fully-screened (sides only to a height of 2m above structure) with appropriate screening materials.	
	Note: shade cloth does not prevent the escape of fine dust.	
	Spray equipment (high volume/low pressure spray guns and airless spray guns) used outside of a spray booth has a minimum transfer efficiency of >65%.	
	***Extraction unit is used within screened area.	

	***Periodic monitoring is undertaken for particles and airborne isocyanates (polyurethane paints).	
Water	Ground area beneath items is always controlled (e.g. drop sheets). Paint residues are collected and disposed of appropriately.	
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 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	✓
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 (e.g. sweep and bag, vacuum).	
Wastewater	Wastewater is disposed to sewer under a trade waste approval or removed by licensed waste transporter.	
	*** Wastewater is treated on-site and re-used.	
Regulated wastes	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"> • Hazardous waste disposal facility docket (when applicable). • Licensed waste transport vehicle docket (when applicable). • Register of time, date, quantity, type and destination of waste removed or disposed of. 	
Recycling	*** The following solid wastes are recyclable: <ul style="list-style-type: none"> • untreated timber off cuts and sawdust • clean cardboard • aluminium cans and drink bottles • plastics • steel products (drums, drained steel cans) • rags. 	
	*** Waste materials are treated and reused on-site where possible.	
Waste management – site specific		
Aspect	Requirement	✓
Sludge from wet rub	Disposed to sewer under a trade waste permit or removed by a licensed waste transporter.	
	Records are kept of disposal.	
Solvent	***Solvent is recycled and re-used in gun wash stations or other operations.	
Floor cleaning	***Floors are cleaned using wet/dry vacuums rather than hosing.	

Your name: _____ Date: _____