Permit

Environmental Protection Act 1994

Environmental authority ER74288089013

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: ER74288089013

Environmental authority takes effect on 23 October 2019.

The anniversary date of this environmental authority is 26 November each year.

The payment of the annual fee will be due each year on this day.

Environmental authority holder

Name	Registered address
Crown Engineering Pty Ltd	567 Boundary Road DARRA QLD 4076

Environmentally relevant activity and location details

Environmentally relevant activity	Location
ERA 62 - Resource recovery and transfer facility operation 1: Operating a facility for receiving and sorting, dismantling, baling or temporarily storing- (a) scrap metal, non-putrescible waste or green waste only ERA 38 - Surface Coating 1: Anodising, electroplating, enamelling or galvanising using, in a year, the following quantity of surface coating materials (a) 1t to 100t	567 Boundary Road DARRA QLD 4076 – Lot 5 RP216799

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that an owner or occupier of contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days)

that is causing, or is reasonably likely to cause, serious or material environmental harm.

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority-on the nominated day; or

b) if the authority states a day or an event for it to take effect-on the stated day or when the stated event happens; or

c) otherwise - on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the *Planning Act 2016* or an SDA Approval under the *State Development and Public Works Organisation Act 1971*), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.

	23 October 2019
Signature	Date

Scott Blanchard
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Waste and Contaminated Land Assessment
400 George Street, Brisbane, QLD, 4000
1300 130 372 (Option 4)
palm@des.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state controlled roads), the Department of Natural Resources, Mines and Energy (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of Environment and Science to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

PART 1 – CONDITIONS for ERA 62 (1a) and ERA 38 (1a)	
Agency interest: General	
Condition number	**Condition**
G1	All reasonable and practicable **measures** must be taken to prevent or minimise environmental harm caused by the **activities**.
G2	Any breach of a condition of this environmental authority must be reported to the **administering authority** as soon as practicable and within 24 hours of becoming aware of the breach. **Records** must be kept including full details of the breach and any subsequent actions taken.
G3	**Activities** under this environmental authority must be conducted in accordance with the following limitations: a) the activity must only receive: i. scrap metal; ii. intact or partly disassembled automotive equipment; and iii. mechanical equipment.
G4	All **records** must be kept for a period of at least five years and provided to the **administering authority** upon request.
G5	Written procedures must be developed for the **activity** that meet the following standards: a) Identify all potential risks to the environment from the **activity**, including when the activity is not in operation or in an emergency; b) Establish and maintain control **measures** that prevent and/or minimise the potential for environmental harm; c) Detail an inspection and maintenance program that ensure all plant and equipment are maintained in a proper and effective condition; d) Ensure plant and equipment are operated in a proper and effective manner; e) Detail how and when staff training is to be conducted (at least annually) to ensure awareness of obligations under the environmental authority and the *Environmental Protection Act 1994*; and f) Detail how reviews of environmental risks and environmental performance, including complaints, are undertaken at regular intervals (at least annually).
G6	Procedures required by condition G5 must be implemented so the **activity** is undertaken in accordance with these procedures.
G7	Procedures required by condition G5 must be reviewed at least annually.
G8	All analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (**NATA**) certification, or an equivalent certification, for such analyses.

G9	When required by the **administering authority**, monitoring must be undertaken in the manner prescribed by the **administering authority** to investigate a complaint of environmental harm, which includes **environmental nuisance**, arising from the **activity**. The monitoring data and an analysis of the results must be provided within 10 business days to the **administering authority** upon its request.
G10	Waste batteries and all liquid chemicals in containers of greater than 15 litres must be stored within a **secondary containment system.** *Note: Liquid chemicals include, but is not limited to:* • *oils;* • *paints;* • *lacquers;* • *thinners;* • *adhesives; and* • *cleaning solvents.*

Agency interest: Waste	
Condition number	**Condition**
W1	All waste generated in carrying out the **activity** must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
W2	**Incompatible wastes** must not be mixed in the same container or waste storage area.

Agency interest: Acoustic	
Condition number	**Condition**
N1	Other than as permitted within this environmental authority, noise generated by the **activity** must not cause **environmental nuisance** to any **sensitive place** or **commercial place.**

Agency interest: Air	
Condition number	**Condition**
A1	Odours or airborne contaminants must not cause **environmental nuisance** to any **sensitive place** or **commercial place**.
A2	**Contaminants** must not be released to air from any point source.

A3	Dust and particulate matter emissions must not exceed the following concentrations at any **sensitive place** or **commercial place**: a) dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 (or more recent editions), or b) a concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM_{10}) suspended in the atmosphere of 50 micrograms per cubic metre over a 24 hour averaging time, when monitored in accordance with Australian Standard AS 3580.9.6 (or more recent editions) or any other method approved by the administering authority.
A4	The servicing, repair, maintenance and dismantling of motor vehicles must: a) prevent the emission of ozone depleting substances; and b) recover all refrigerant gases prior to the dismantling of air conditioning units.
Agency interest: Land	
Condition number	**Condition**
L1	**Contaminants** must not be released to **land**.
Agency interest: Water	
Condition number	**Condition**
WT1	**Contaminants** must not be released to any **waters**.
PART 2 – CONDITIONS for ERA 38 (1a)	
Agency interest: Air	
Condition number	**Condition**
A2.1	**ROOFED STRUCTURE** The carrying out of the environmentally relevant activity and other associated processes where there is a potential for contaminant release must be conducted within a roofed workshop/ factory area.
A2.2	**RELEASE OF CONTAMINANTS TO AIR** All spray painting must be conducted within a spray booth designed and constructed in accordance with Australian Standards AS/NZS 4114.1 and 4114.2:2003. *Submit certification from a suitably qualified builder/consultant demonstrating that the spray booth accords with the above mentioned Australian Standards.*

A2.3	All powder coating must be conducted within a spray booth designed and constructed in accordance with Australian Standards AS/NZS 3754. *Submit certification from a suitably qualified builder/consultant demonstrating that the spray booth accords with the above mentioned Australian Standards.*
A2.4	Mixing and batch preparation must be conducted within ventilated areas which duct to a filtered vapour extraction system and roof mounted stack complying with the requirements of this approval or to an installed spray booth filtration, extraction and stack discharge system.
A2.5	Exhaust gases must be discharged vertically through a roof mounted stack with an internal diameter of not less than 0.5 metres and a height of either 7 metres above ground level or 4 metres above the highest ridgeline of the surrounding buildings within 15 metres of the stack, whichever is higher. *Submit certification from a suitably qualified builder/consultant demonstrating that the spray booth emission point accords with the above requirements.*
A2.6	Exit velocity of the exhaust gases must not be less than 10 metres per second. The stack must be fitted with an effective rain protection device that does not inhibit the vertical flow of gases. *Submit certification from a suitably qualified builder/consultant demonstrating that the spray booth emission velocity accords with the above requirements.*
A2.7	A monitoring port must be installed in the exhaust stack. *Submit certification from a suitably qualified builder/consultant demonstrating that the exhaust stack accords with the above requirements.*
A2.8	**RELEASE OF CONTAMINANTS TO AIR** 1) Where air emission levels from the site are not specified in this approval, air pollutants from the site must not cause ground level concentrations at the boundary of the site to exceed either: a) The Standards and Goals specified in Schedule 2 of the National Environment Measure - Ambient Air Quality; or b) The Air Quality Indicators specified in Schedule 1 of Queensland's Environmental Protection (Air) Policy 2019; or c) The following limits: i. Chromium Hexavalent [Cr VI] - 0.00017 mg/m^3 3-minute averaging time; ii. Total Chromium - 0.017 mg/m_3 3-minute averaging time; iii. Particles (Total Suspended Solids) - 90 micrograms/m^3 - 12 month averaging time; and iv. Particles (PM_{10}) - 50 micrograms/m^3 - 24 hr averaging time. If the above listed documents specify different Air Quality Indicators, Standards, or Goals, the most stringent must be used.
A2.9	Prevent the release of particulate matter or visible contaminant, including dust, smoke, fumes and aerosols likely to cause environmental harm beyond the boundaries of the premises.

Definitions

Key terms and/or phrases bolded in this environmental authority are defined in this section. Where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

Administering authority means the Department of Environment and Science or its successors or predecessors.

Commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Contaminant(s) as defined in Section 11 of the *Environmental Protection Act 1994*.

Environmental nuisance as defined in Chapter 1 of the *Environmental Protection Act 1994*.

Incompatible waste means waste that may chemically react when:

a) placed in proximity to other wastes; and / or
b) mixed with other wastes.

Land does not include **waters**.

Measures have the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

NATA means National Associated of Testing Authorities.

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

Release of a contaminant into the environment means to:

- deposit, discharge, emit or disturb the contaminant;
- cause or allow the contaminant to be deposited, discharged, emitted or disturbed;
- fail to prevent the contaminant from being deposited, discharged emitted or disturbed;
- allow the contaminant to escape;
- fail to prevent the contaminant from escaping.

Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to land, groundwater, or surface waters.

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

- a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or
- a park or garden; or
- for noise, a place listed as a sensitive receptor in Schedule 1 of the Environmental Protection (Noise) Policy 2019.

Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

END OF ENVIRONMENTAL AUTHORITY