

Notice

Environmental Protection Act 1994

Annual notice

This notice is issued by the administering authority¹ pursuant to section 308 of the Environmental Protection Act 1994 to advise you of any requirements to pay an annual fee and submit an annual return².

To: Saint-Gobain Abrasives Pty Ltd
681 Curtin Avenue
PINKENBA QLD 4008

Email:

Our reference: 240475

Annual notice for an environmental authority

1. Environmental authority details

Environmental authority number EPPR00592813 held by Saint-Gobain Abrasives Pty Ltd authorises the following activities at the following locations:

Activity	Location/relevant site	Fee
42-(a) Clay or ceramic products >200t but <5000t yr	681 Curtin Avenue East PINKENBA - Lot 2 Plan SP168014	\$7,568.00

2. Requirements of this annual notice

You must pay the annual fee of \$7,568.00³ for your environmental authority for the period 24-Feb-2015 to 23-Feb-2016 by 24-Feb-2015. A late fee will be charged if the annual fee is not paid on time.

If the annual fee is not paid by the due date the administering authority will commence action to suspend or cancel the environmental authority and will take action to recover the debt.

If you have ceased conducting the activity and no longer require this environmental authority you can avoid paying the fee⁵ by making an application to surrender which must be approved prior to the due date. For more information on how to meet the approval timeframes for a surrender application contact Permit and Licence Management on the phone number below or visit www.business.qld.gov.au

If the activity has not permanently ceased, but will not be carried out for a period and there are no rehabilitation conditions, you may apply to suspend your environmental authority. If the suspension is approved, annual fees will not be payable for the period your environmental authority is suspended. To obtain an application form search for "EM902" at www.qld.gov.au

You are also required to complete the attached annual return for the period from 24-Feb-2014 to 23-Feb-2015 and return it to Permit and Licence Management at the below address. If the annual return is not provided by the due date the administering authority may commence action to suspend or cancel the environmental authority.

Release

If you are eligible for a reduced annual fee and wish to claim it, you must submit a claim for a reduced annual fee and pay the reduced annual fee. For details on the eligibility criteria please refer to the information sheet "Paying a reduced annual fee" (EM264)⁴ which is available at www.qld.gov.au. It is an offence to pay the reduced fee if you are not eligible for the reduction and penalties apply.

Please pay the attached invoice and forward the completed annual return by 24-Feb-2015 to:

palm@ehp.qld.gov.au (preferred method)

OR

Permit and Licence Management

Department of Environment and Heritage Protection

GPO Box 2454

BRISBANE QLD 4001

For more information about this notice, please contact Permit and Licence Management.

Enquiries:

Phone: 1300 130 372 option 4

Fax: 07 3330 5875

E-mail: palm@ehp.qld.gov.au

Date of issue: 25-Jan-2015

Attachments

Annual return

Release

Notice

Environmental Protection Act 1994

Annual notice

emailed 2/3/16

This notice is issued by the administering authority¹ pursuant to section 308 of the Environmental Protection Act 1994 to advise you of any requirements to pay an annual fee and submit an annual return².

To: Saint-Gobain Abrasives Pty Ltd
681 Curtain Avenue
PINKENBA QLD 4008

Email:

Our reference: 240475

Annual notice for an environmental authority

1. Environmental authority details

Environmental authority number EPPR00592813 held by Saint-Gobain Abrasives Pty Ltd authorises the following activities at the following locations:

Activity	Location/relevant site	Fee
42-(a) Clay or ceramic products >200t but <5000t yr	681 Curtin Avenue East PINKENBA - Lot 2 Plan SP168014	\$7,830.40

2. Requirements of this annual notice

You must pay the annual fee of \$7,830.40³ for your environmental authority for the period 24-Feb-2016 to 23-Feb-2017 by 24-Feb-2016. A late fee will be charged if the annual fee is not paid on time.

If the annual fee is not paid by the due date the administering authority will commence action to suspend or cancel the environmental authority and will take action to recover the debt.

If you have ceased conducting the activity and no longer require this environmental authority you can avoid paying the fee⁵ by making an application to surrender which must be approved prior to the due date. For more information on how to meet the approval timeframes for a surrender application contact Permit and Licence Management on the phone number below or visit www.business.qld.gov.au

If the activity has not permanently ceased, but will not be carried out for a period and there are no rehabilitation conditions, you may apply to suspend your environmental authority. If the suspension is approved, annual fees will not be payable for the period your environmental authority is suspended. To obtain an application form search for "EM902" at www.qld.gov.au

You are also required to complete the attached annual return for the period from 24-Feb-2015 to 23-Feb-2016 and return it to Permit and Licence Management at the below address. If the annual return is not provided by the due date the administering authority may commence action to suspend or cancel the environmental authority.

Release

If you are eligible for a reduced annual fee and wish to claim it, you must submit a claim for a reduced annual fee and pay the reduced annual fee. For details on the eligibility criteria please refer to the information sheet "Paying a reduced annual fee" (EM264)⁴ which is available at www.qld.gov.au. It is an offence to pay the reduced fee if you are not eligible for the reduction and penalties apply.

Please pay the attached invoice and forward the completed annual return by 24-Feb-2016 to:

palm@ehp.qld.gov.au (preferred method)

OR

Permit and Licence Management

Department of Environment and Heritage Protection

GPO Box 2454

BRISBANE QLD 4001

For more information about this notice, please contact Permit and Licence Management.

Enquiries:

Phone: 1300 130 372 option 4

Fax: 07 3330 5875

E-mail: **palm@ehp.qld.gov.au**

Date of issue: 10-Jan-2016

Attachments

Annual return

Release

Development Permit

EPA Permit¹ number:	IPDE00920908
Application (Converted Development Approval) No.	SR0420
Relevant Laws and Policies:	<i>Environmental Protection Act 1994</i> and any subordinate legislation

Development Description

Property/Location

Lot 970 Plan 813166 County of Stanley Parish of Toombul, Title Reference SL83166.

located at: 681 Curtin Avenue East
PINKENBA QLD 4008

Carrying out of Environmentally Relevant Activity (ERA)

61 - Clay or ceramic products manufacturing - manufacturing a clay or ceramic product, including bricks, tiles, pipes, pottery goods and refractories, in works having a design production capacity of more than 200 tonnes per year.

Additional information for applicants

This approval pursuant to the *Environmental Protection Act 1994* does not remove the need to obtain any further approval for this development which might be required by other State and / or Commonwealth Legislation. Applicants are advised to check with all relevant statutory authorities. Applicants also should comply with all relevant legislation.

It is a requirement of the *Environmental Protection Act 1994* that if the owner or occupier of this site becomes aware a notifiable activity (as defined under schedule 2 of the *Environmental Protection Act 1994*) is being carried out on this land or that the land has been affected by a hazardous contaminant, they must, within thirty (30) days after becoming so aware, give notice to the Environmental Protection Agency.

Environmentally Relevant Activities

The aforementioned description of any environmentally relevant activity (ERA) for which this permit is issued is simply a restatement of the ERA as prescribed in the legislation at the time of issuing this permit. Where there is any conflict between the abovementioned description of the ERA for which this permit is issued and the conditions specified herein as to the scale, intensity or manner of carrying out of the ERA, then such conditions prevail to the extent of the inconsistency.

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service



This permit authorises the ERA. It does not authorise environmental harm unless a condition within this permit explicitly authorises that harm. Where there is no such condition, or the permit is silent on a matter, the lack of a condition or silence shall not be construed as authorising harm.

In addition to this permit, the person to carry out the ERA must be a registered operator under the *Environmental Protection Act 1994*. For the person to become a registered operator, they must apply for a registration certificate under section 73F of the *Environmental Protection Act 1994*.

sch4p4(6) Personal information

Delegate of Administering Authority
Environmental Protection Act 1994

Date:

12/6/8

EHP RTI DL Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency



Conditions of the Development Approval

This development approval consists of the following schedules of conditions relevant to various issues:

The aforementioned description of the environmentally relevant activity (ERA) for which this development approval is issued is simply a restatement of the activity as prescribed in the legislation at the time of issuing the approval. Where there is any conflict between the above description of the ERA for which this development approval is issued and the conditions as specified in this development approval as to the scale, intensity or manner of carrying out of the ERA, then such conditions prevail to the extent of the inconsistency.

This development approval consists of the following schedules-

Schedule A - General Conditions

Schedule B - Air

Schedule C - Water

Schedule D - Stormwater Management

Schedule E - Land Application

Schedule F - Noise

Schedule G - Waste Management

Schedule H - Monitoring and Reporting

Schedule I - Definitions

EHP RTI DL Release

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency
16-207



SCHEDULE A - GENERAL CONDITIONS

Prevent / Minimise Likelihood of Environmental Harm

- (A1) In carrying out the environmentally relevant activity, the registered operator of this development approval must take all reasonable and practicable measures to prevent and/or to minimise the likelihood of environmental harm being caused. Any environmentally relevant activity, that, if carried out incompetently, may cause environmental harm, in a manner that could be prevented, shall be carried out in a proper manner by a competent person in accordance with the conditions of this authority.
- (A2) The registered operator of this development approval must:
- (a) install and operate all works and control equipment, and
 - (b) take all measures, perform all acts and do all things,

necessary to ensure compliance with the conditions of this development approval.

Records

- (A3) Any record or document required to be kept by a condition of this development approval must be kept at the approved place for a period of at least five (5) years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

Alterations

- (A4) No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this development approval.

Calibration

- (A5) All instruments and devices used for the measurement or monitoring of any parameter under any condition of this development approval must be calibrated, and appropriately operated and maintained.

Nuisance

- (A6) Notwithstanding any other condition of this development approval, this development approval does not authorise any release of contaminants which cause or are likely to cause an environmental nuisance beyond the boundaries of the approved place.

Site-Based Management Plan

- (A7) The registered operator of this development approval must implement an effective and appropriate Site-Based Management Plan which details how the registered operator of this development approval will manage the actual and potential environmental impacts resulting from the carrying out of the environmentally relevant activity.
- (A8) The Site-Based Management Plan must address at least the following matters:
- (i) routine operating procedures to prevent or minimise environmental harm and environmental nuisance, however occasioned or caused during normal operations;
 - (ii) maintenance practices and procedures;

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency



- (iii) procedures to shut down the equipment served by Air Contaminant Control Equipment (ACCE), when it is not working to design specifications and may not comply with the release limits stated in Schedule B Table 2.;
 - (iv) contingency plans and emergency procedures to deal with foreseeable risks and hazards including corrective responses to prevent and mitigate environmental harm (including any necessary site rehabilitation);
 - (v) monitoring of the release of contaminants into the environment including procedures, methods, record keeping and notification of results;
 - (vi) assessment of the environmental impact of any releases of contaminants into the environment including procedures, methods, record keeping and notification of results;
 - (vii) handling of environmental complaints;
 - (viii) keeping and production of environmental records and reports;
 - (ix) lines and methods of communication to be utilised for communication of procedures, plans, incidents, potential environmental problems and results, including a feedback mechanism to ensure that management is made aware of potential environmental problems and any failure of procedures adopted; and
 - (x) staff training and awareness of environmental issues related to the operation of the environmentally relevant activities, including responsibilities under the *Environmental Protection Act*.
- (A9) A copy of the Site-Based Management Plan and any subsequent amendment of the Site-Based Management Plan must be kept at the approved place and be available for examination by an authorised person on request.
- (A10) The registered operator of this development approval must not implement a Site-Based Management Plan or amend a Site-Based Management Plan where such implementation or amendment would result in a contravention of any condition of this development approval.

End of Conditions for Schedule A

Release



SCHEDULE B - AIR**Release of Contaminants to the Atmosphere**

- (B1) Contaminants resulting from the operation of the sources described in Schedule B Table 1 must only be released to the atmosphere from those release points specified in Schedule B Table 1.
- (B2) Contaminants released from each release point specified in Schedule B Table 1 must be directed vertically upwards without any impedence or hindrance unless otherwise authorised.
- (B3) Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Schedule B Table 1.
- (B4) Contaminants must be released to the atmosphere from a release point at a velocity not less than the corresponding velocity stated for that release point in Schedule B Table 1.

SCHEDULE B - TABLE 1

SOURCE DESCRIPTION	RELEASE POINT NUMBER	MINIMUM RELEASE HEIGHT (metres)	MINIMUM EFFLUX VELOCITY (metres/second)
Electric Arc Furnace – Baghouse Stack	A1	36	7.0
Quench Tunnel – Baghouse Stack	A2	25	8.0
Silica Fume Storage Bin Baghouse	A3	22	36.0
Crusher Baghouse Stack	A4	22	3.0
Product Screening Dust Filter Exhaust	A5	5	10.0

- (B5) Contaminants as measured at a monitoring point specified in Schedule H must not be released to the atmosphere in excess of the total mass emission rate for each contaminant stated in Schedule B Table 2.

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency



SCHEDULE B - TABLE 2

RELEASE POINT NUMBER	Contaminant Release Limits					
	Nitrogen Oxides		Sulphur oxides (as SO ₂)		Total Suspended particulates	
	mg/m ³ (1 hour average)	g/min (Mass emission rate)	mg/m ³	g/min	mg/m ³	g/min
A1	600	475	150	70	50	10
A2	7	6	N/S	0	50	5
A3	N/S	0	N/S	0	50	5
A4	N/S	0	N/S	0	50	5
A5	N/S	0	N/S	0	50	2
Total	N/S	481	N/S	70	N/S	27

N/S means 'not specified'

Air Contaminant Control Equipment (ACCE)

- (B6) All contaminants leaving the Electric Arc Furnace, the Quench Tunnel and the Silica Fume Storage, Crusher Dust Extraction, and Screening Dust Recovery must be effectively treated in ACCE specified in Schedule B Table 1 before they are released to the atmosphere.
- (B7) All ACCE referred to in Schedule B Table 1 must be effectively operated and maintained in accordance with the manufacturer's specifications and/or the information submitted to the administering authority.
- (B8) All ACCE must have an audible and/or a visual alarm to warn the licensee or his/her representative whenever the operation and/or efficiency are compromised and failure in the ACCE is occurring or is likely to occur.
- (B9) In the event of failure of ACCE, the operation of the served equipment or process must cease.
- (B10) In the event that equipment or process ceases as result of a failure of ACCE, the registered operator of this development approval must not recommence the operation of that equipment or process until the ACCE is working efficiently.
- (B11) The registered operator of this development approval may replace ACCE described in the Schedule B Table 1, however details of proposal replacement must be supplied to the administering authority prior to installation and the administering comments considered prior to the installation of any such equipment.
- (B12) The registered operator of this development approval may replace ACCE described in Schedule B Table 1 but the replacement ACCE must have the same efficiency and reliability or better as the previous ACCE.
- (B13) All collected material retained by ACCE must be effectively removed, recycled, or disposed of in a manner that will not cause the release of contaminants to the atmosphere or to waters.

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
 Environmental Protection Agency
 www.epa.qld.gov.au ABN 87 221 158 786



End of Conditions for Schedule B

EHP RTI DL Release

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency



SCHEDULE C - WATER

Release of Contaminants to Waters

- (C1) Contaminants must not be directly or indirectly released from the approved place to any waters or the bed and banks of any waters except:
- (i) as permitted under the Stormwater Management Schedule.

End of Conditions for Schedule C

EHP RTI DL Release

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency
 16-207
www.epa.qld.gov.au ABN 87 221 158 786



SCHEDULE D - STORMWATER MANAGEMENT

Stormwater Management Plan

- (D1) The registered operator of this development approval, must implement a Stormwater Management Plan which details how the registered operator of this development approval will effectively and appropriately manage the carrying out of the environmentally relevant activity so as to prevent, as far as is practicable, any contamination of stormwater and any release of contaminated stormwater.
- (D2) In developing the Stormwater Management Plan and periodically updating it to incorporate changing practices and future options, the registered operator of the development approval must have regard to the following hierarchy of preferred methods of dealing with stormwater. Where reasonable and practicable, the method of dealing with stormwater which is higher in the hierarchy must be adopted over another method which is lower in the hierarchy.

Hierarchy of methods of dealing with stormwater

The most preferred method [method (1)]:

- (1) Avoid the contamination of stormwater in the first place, for example by roofing areas where contaminants and or wastes are stored or handled, diverting uncontaminated stormwater runoff away from areas where contaminants or wastes are stored or handled, by preventing the contact of incident rainfall with contaminants or wastes and utilising alternate materials and or processes.
- (2) Minimise the quantity and or hazardous nature of the contaminated stormwater generated, for example by minimising the size of areas where contaminants or wastes are stored or handled and by utilising alternate materials and or processes.
- (3) Recycling of contaminated stormwater produced, for example by incorporating reuse, reprocessing, and utilisation of the stormwater for a worthwhile purpose.
- (4) Treatment of any contaminated stormwater to render it less or non-hazardous.
- (5) Release of the contaminated stormwater as a last resort.

The least preferred method [method (5)]

- (D3) The Stormwater Management Plan must provide detail on the works to be implemented and the timetable proposed to address at least the following issues:
- prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants; and
 - diversion of upstream runoff away from areas containing wastes or contaminants; and
 - minimisation of the size of contaminated areas; and
 - cleaning of contaminated areas; and
 - installation of oil separators, silt and rubbish traps, and stormwater diversion systems; and
 - paving and roofing of contaminated areas.
- (D4) A copy of the Stormwater Management Plan must be kept at the approved place.
- (D5) The registered operator of this development approval must not implement a Stormwater Management Plan or amend a Stormwater Management Plan where such implementation or amendment would result in a contravention of any condition of this development approval.

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency

- (D6) Any spillage of wastes, contaminants or other materials must be cleaned up as quickly as practicable. Such spillages must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or material to any stormwater drainage system, roadside gutter or waters.

Bunding

- (D7) All chemical tank storages including the holding tank which services saw-cutting operations must be banded so that the capacity of the bund is sufficient to contain at least one hundred percent (100%) of the largest storage tank plus ten percent (10%) of the second largest tank within the bund.
- (D8) All chemical drum storages must be banded so that the capacity of the bund is sufficient to contain at least twenty-five percent (25%) of the maximum design storage volume within the bund.
- (D9) All bunding must be constructed of materials which are impervious to the materials stored.
- (D10) All bunding must be roofed where practicable.
- (D11) Where it is impractical to completely roof a banded area the registered operator of this development approval must ensure that any stormwater captured within the bund is free from contaminants or wastes prior to any release.
- (D12) A collection sump must be provided in the floor of the bunding to facilitate the removal of liquids. The bund floor must be graded so that the fall is towards the collection sump.
- (D13) All required pipework from the banded areas must be directed over the bund wall and not through it.

End of Conditions for Schedule D

Release

SCHEDULE F - NOISE**Emission of Noise**

- (F1) In the event of a complaint about noise that constitutes annoyance being made to the administering authority, that the administering authority considers is not frivolous or vexatious, then the emission of noise from the approved place must not result in levels greater than those specified in Table 1 of the Noise Schedule.

SCHEDULE F - TABLE 1

Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level $L_{Amax\ adj, T}$	Period
Background noise level plus 5 dB(A)	7 am - 6 pm
Background noise level plus 5 dB(A)	6 pm - 10 pm
Background noise level plus 3 dB(A)	10 pm - 7 am
Noise Limits at a Commercial Place Measured as the Adjusted Maximum Sound Pressure Level $L_{Amax\ adj, T}$	Period
Background noise level plus 10 dB(A)	7 am - 6 pm
Background noise level plus 10 dB(A)	6 pm - 10 pm
Background noise level plus 8 dB(A)	10 pm - 7 am

End of Conditions of Schedule F

Release

SCHEDULE G - WASTE MANAGEMENT**General**

- (G1) Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this development approval.
- (G2) The registered operator of this development approval must not:
- (i) burn waste at or on the approved place; nor
 - (ii) allow waste to burn or be burnt at or on the approved place; nor
 - (iii) remove waste from the approved place and burn such waste elsewhere.
- (G3) Records of trade waste agreements must be made available for inspection on request.

Waste Management Plan (WMP)

- (G4) The registered operator of this development approval must implement an effective and appropriate Waste Management Plan which details how the registered operator of this development approval will manage the actual and potential environmental impacts resulting from all wastes produced at the approved place.
- (G5) In developing the Waste Management Plan and periodically updating it to incorporate changing practices and future options, the registered operator of the development approval must have regard to the following hierarchy of preferred methods of dealing with waste. Where reasonable and practicable, the method of dealing with waste which is higher in the hierarchy must be adopted over another method which is lower in the hierarchy.

Hierarchy of methods of dealing with waste

The most preferred method [method (1)]

- (1) Avoid the generation of waste in the first place, for example by utilising alternate materials and or processes.
- (2) Minimise the quantity and or hazardous nature of the waste generated, for example by utilising alternate materials and or processes and segregation of high strength waste streams from low strength waste streams.
- (3) Recycling of waste produced, for example by incorporating reuse, reprocessing, and utilisation of the waste for a worthwhile purpose.
- (4) Treatment of the waste to render it less or non-hazardous.
- (5) Disposal of the waste as a last resort.

The least preferred method [method (5)].

- (G6) The Waste Management Plan must detail at least the following:
- the source, quantity and nature of each waste produced; and
 - the current method of disposal; and
 - proposed methods of pre-treatment or disposal; and
 - expected reduction in quantity of waste produced through waste minimisation and cleaner production; and
 - investigation and evaluation of alternative treatment options; and

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency



- areas to be set aside for the segregation and storage of recyclable solid wastes; and
 - where a no-cost recycling service is available, reasonable and practicable steps are to be taken to ensure recyclable waste is not be deposited in the general waste stream. Such steps may include, but are not limited to provision of receptacles; suitable signage; and promotion of awareness among staff of the recycling service; and
 - provisions for carrying out and submitting to the administering authority a waste audit within two (2) years from the date of issue of this development approval and thereafter every five (5) years.
- (G7) A copy of the Waste Management Plan and subsequent amendments, must be kept at the approved place and must be made available to any authorised person or the administering authority on request.
- (G8) The registered operator of this development approval must not implement a Waste Management Plan or amend a Waste Management Plan where such implementation or amendment would result in a contravention of any condition of this development approval.
- (G9) The registered operator of this development approval must prepare a report summarising the outcomes of any waste audit required by condition G6 and submit the report with the Annual Return which follows the conduct of the audit.

Off Site Movement

- (G10) Where regulated waste is removed from the approved place (other than by a release as permitted under another schedule of this development approval), the registered operator of this development approval must monitor and keep records of the following:
- (a) the date, quantity and type of waste removed; and
 - (b) name of the waste transporter and/or disposal operator that removed the waste; and
 - (c) the intended treatment/disposal destination of the waste.

Notification of Improper Disposal of Regulated Waste

- (G11) If the registered operator of this development approval becomes aware that a person has removed regulated waste from the approved place and disposed of the regulated waste in a manner which is not authorised by this development approval or is improper or unlawful, then the registered operator of this development approval must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.

End of Conditions for Schedule G

Release

SCHEDULE H - MONITORING AND REPORTING

Complaint Recording

- (H1) All complaints received by the registered operator of this development approval relating to releases of contaminants from operations at the approved place must be recorded and kept in a log book with the following details:
- (i) time, date and nature of complaint;
 - (ii) type of communication (telephone, letter, personal etc.);
 - (iii) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then "Not identified" is to be recorded);
 - (iv) response and investigation undertaken as a result of the complaint;
 - (v) name of person responsible for investigating complaint; and
 - (vi) action taken as a result of the complaint investigation and signature of responsible person.
- (H2) The complaints record required by condition H1 must be maintained for a period of not less than five (5) years.

Notification of Emergencies and Incidents

- (H3) As soon as practicable, after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this development approval, the registered operator of this development approval must notify the administering authority of the release by telephone or facsimile.
- (H4) The notification of emergencies or incidents as required by condition H3 must include but not be limited to the following:
- (i) the registered operator of the development approval;
 - (ii) the location of the emergency or incident;
 - (iii) the number of the development approval;
 - (iv) the name and telephone number of the designated contact person;
 - (v) the time of the release;
 - (vi) the time the registered operator of the development approval became aware of the release;
 - (vii) the suspected cause of the release;
 - (viii) the environmental harm caused, threatened, or suspected to be caused by the release; and
 - (ix) actions taken to prevent further any release and mitigate any environmental harm caused by the release.
- (H5) Not more than fourteen (14) days following the initial notification of an emergency or incident, the registered operator of the development approval must provide written advice of the information supplied in accordance with condition H4 in addition to:
- (i) proposed actions to prevent a recurrence of the emergency or incident; and
 - (ii) outcomes of actions taken at the time to prevent or minimise environmental harm.
- (H6) As soon as practicable, but not more than six (6) weeks following the conduct of any environmental monitoring performed in relation to the emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this development approval, the registered operator of the development approval must provide written advice of the results of any such environmental monitoring performed.

Monitoring of Contaminant Releases to the Atmosphere

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency



- (H7) The registered operator of this development approval must conduct and keep records of a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Schedule H Table 1 and which complies with the following:
- (a) All determinations of concentrations and mass emission rates of contaminants released must be performed by accredited equipment used by a person or body possessing appropriate experience and qualifications to perform the required measurements.
 - (b) Monitoring provisions at the release points listed in Schedule H Table 1 must comply with the requirements of Air Quality Sampling Manual – November 1997, published by the Queensland, Department of Environment or more recent editions or supplements to that document as such become available.
 - (c) At least the following tests must be performed for each required determination specified in Schedule H Table 1:
 - (i) Average gas velocity and volume flow rate at stack temperature and normal conditions;
 - (ii) Average temperature; and
 - (iii) Average water vapor concentration or average moisture content (% v/v); and
 - (d) Where contaminants discharge is steady, samples taken must be representative of the contaminants discharge when emissions are expected to be normal;
 - (e) Where contaminants discharge responds to an operation cycle, samples taken must be representative of each operation cycle when emissions are expected to be highest in a normal operation cycle.

Schedule H Table 1
Ongoing Required Release Point Determinations

Release Point	Determination Required	Frequency
Electric Arc Furnace – Baghouse Stack	Sulphur Dioxide	Not less than annually unless frequency is specified by another condition of the Schedule H.
	Nitrogen Oxides	
	Total Suspended Particulates	
Quench Tunnel – Baghouse Stack	Nitrogen Oxides	Not less than every three years
Silica Fume Storage Bin Baghouse	Total Suspended Particulates	
Crusher Baghouse Stack	Total Suspended Particulates	
Product Screening Dust Filter Exhaust	Total Suspended Particulates	

Noise Monitoring

- (H8) For the purposes of investigating any complaint made about noise annoyance and also for checking compliance with condition F1 in Schedule F, monitoring and recording the noise levels from the environmentally relevant activities must be undertaken for at least the following descriptors, characteristics and conditions:
- (i) $L_{Amax, adj T}$

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency



- (ii) $L_{A_{bg, T}}$ (or $L_{A_{90, T}}$);
 - (iii) $L_{AN, T}$ (where N equals statistical levels of 1, 10, 50, 90 and 99);
 - (iv) $\text{Max } L_{pA, T}$;
 - (v) $L_{A_{eq, T}}$;
 - (vi) the level and frequency of occurrence of impulsive or tonal noise;
 - (vii) atmospheric conditions including temperature, relative humidity and wind speed and direction; and
 - (viii) effects due to extraneous factors such as traffic noise.
- (H9) In conjunction with the measurement and recording of the noise, the following parameters and conditions must be recorded:
- (i) location, date and time of recording.
- (H10) Monitoring must also be undertaken to investigate any complaint of noise annoyance upon receipt of a written request from the administering authority to carry out such monitoring.
- (H11) The method of measurement and reporting of noise levels must comply with *Environmental Protection Agency Noise Measurement Manual, third edition, March 2000*, or more recent editions or supplements to that document as become available.
- (H12) The method of measurement and reporting of noise levels must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required measurement.
- (H13) Records must be kept of the results of all monitoring of noise levels and other information required to be recorded in conjunction with such monitoring for a period of at least five (5) years.

Report Submission

- (H14) The registered operator of this development approval must ensure that the results of all monitoring performed in accordance with this development approval are submitted with the initial Annual Return. Each subsequent Annual Return must include details of the results of monitoring performed during the twelve (12) months preceding that Annual Return.

Exception Reporting

- (H15) The registered operator of this development approval must notify the administering authority in writing of any monitoring result which indicates an exceedance of any development approval limit within twenty-eight (28) days of completion of analysis.
- (H16) The written notification required by condition H15 above must include:
- (i) the full analysis results, and
 - (ii) details of investigation or corrective actions taken, and
 - (iii) any subsequent analysis.

End of Conditions for Schedule H

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency



SCHEDULE I - DEFINITIONS

For the purposes of this development approval the following definitions apply:

- (I1) For the purposes of this development approval any term not otherwise defined in the Act and any subordinate legislation made pursuant to the Act or in the Definitions Schedule of this development approval has the meaning conferred to that term in its common usage.
- (I2) In the event of any inconsistency arising between the meaning of any term provided in the Definitions Schedule of this development approval and any common usage of that term, the meaning conferred in the Definitions Schedule of this development approval prevails.
- (I3) "land" in the Land Application Schedule, means land excluding waters and the atmosphere.
- (I4) "point source" means any stack, chimney, vent, infrastructure, or device which is designed to cause or allow the release of contaminants to the atmosphere.
- (I5) "mg/m³" means milligrams per cubic metre.
- (I6) "g/min" means grams per minute.
- (I7) "cubic metre" ("m³") means the volume of dry gaseous contaminant which occupies 1 cubic metre at a temperature of zero degrees Celsius and at an absolute pressure of 101.3 kilopascals.
- (I8) "accredited equipment" means approved by the administering authority, by other State development approval in Australia, or other recognised overseas development approval.
- (I9) "air contaminant control equipment" means equipment to control air pollutant emission to the atmosphere e.g. a baghouse, electrostatic precipitator, wet scrubber, Selective Non-Catalytic Reduction (SNCR) technology, or any other device set up for a similar purpose.

Noise Definitions

- (I10) "annoyance". In determining what constitutes "annoyance", regard must be had to *Australian Standard 1055.2 - 1989 Acoustics - Description and Measurement of Environmental Noise Part 2 Application to specific situations*.
- (I11) " $L_{Amax\ adj, T}$ " means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than 15 minutes, using Fast response.
- (I12) "Background noise level" means either:
 - $L_{A90, T}$ being the A-weighted sound pressure level exceeded for ninety percent (90%) of the time period of not less than 15 minutes, using Fast response, or
 - $L_{avg, T}$ being the arithmetic average of the minimum readings measured in the absence of the noise under investigation during a representative time period of not less than 15 minutes, using Fast response.
- (I13) "Max $L_{pA, T}$ " means the maximum A-weighted sound pressure level measured over a time period of not less than 15 minutes, using Fast response.
- (I14) "noise sensitive place" means -
 - (a) a dwelling, mobile home or caravan park, residential marina or other residential premises; or
 - (b) a motel, hotel or hostel; or
 - (c) a kindergarten, school, university or other educational institution; or

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency



- (d) a medical centre or hospital; or
- (e) a protected area; or
- (f) a park or gardens.

(115) "commercial place" means a place used as an office or for business or commercial purposes.

End of Conditions for Schedule I

END OF CONDITIONS

EHP RTI DL Release

Release

¹ Permit includes development approvals, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service
Environmental Protection Agency

