

ENVIRONMENTAL QUESTIONNAIRE

TENANT DETAILS <i>(Prospective or Existing)</i>				
COMPANY NAME				
CONTACT PERSON				
TELEPHONE NUMBER/S				
EMAIL ADDRESS/S				
PROPERTY DETAILS				
UTILITIES REQUIRED (tick as appropriate)	Water	Electricity	Steam	Comp Air

UTILITY REQUIREMENTS

ELECTRICITY				
NUMBER	VOLTS	AMPS	3 PHASE OR SINGLE PHASE	SPECIAL REQUIREMENTS

WATER				
NUMBER/SIZE	VOLUME kl per hour		PRESSURE	SPECIAL REQUIREMENTS
	Average	Peak		

SECURITY REQUIREMENTS		
NUMBER OF PEOPLE EMPLOYED	NUMBER OF VEHICLES	SPECIAL REQUIREMENTS

ROAD TRANSPORT		
TYPES OF VEHICLES	NUMBER OF AXLES	PEAK NUMBER OF VEHICLES

ENVIRONMENTAL

Indicate the service to be provided or product(s) to be manufactured

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Provide a **detailed** description of the service or product(s) to be manufactured. Indicate typical operating temperatures and pressures of your process.

Provide the type, quantity and nature (flammable, explosive, and corrosive, toxic, radioactive) of raw materials and products to be stored on site. Include radioactive materials and sources.

Raw material/Product	Quantity (tons / kilograms)	Nature of raw material/product *

***Supply the Safety Data Sheet for each raw material and finished product.**

Will an application be made for an Environmental Impact Assessment exemption?

YES	NO
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If YES, by when will the application be submitted?

If NO, on what basis was this decision made?

AECI Property Services (Environmental Manager) Comment/s:

1. AIR POLLUTION

1.1 Is the process listed as a scheduled process in terms of the National Environmental Management: Air Quality Act?

YES	NO
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1.2 Has an application been submitted for a provisional registration certificate in terms of the above Act?

YES	NO
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1.3 What are the expected emissions (include gases, particulates and odours)?

Provide the concentration and volume of each pollutant emitted.

Type of emission	Concentration (mg/m ³)	Volume of emission (m ³ /hr)

1.4 What equipment will be installed for abatement of emissions?

1.5 What liquid and/or solid waste will arise from this equipment?

1.6 What are the proposed heights of the stacks above ground level?

1.7 If a cooling tower will be used, what type is it and what will be the evaporative loss to atmosphere?

What will be the composition of cooling tower blowdown?

2. WATER POLLUTION

2.1 What volume (m³/hr) of liquid effluent will the process produce?

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2.2 What is the quality of the liquid effluent?

Pollutant	Concentration (mg/l)

2.3 How will effluent arisings be monitored?

2.4 How will the liquid effluent be controlled?

2.5 What measures are in place to avoid the production of liquid effluent?

2.6 What facilities will be provided for leak and spill containment?

2.7 Will there be effluent from emergency conditions or plant maintenance and shutdowns? If so, what is the nature of the effluent and what is the expected volume and quality?

Type of effluent	Quality		Volume (m ³ /hr)
	Pollutant	Concentration	

2.8 What quantity of domestic sewage will require treatment?

Number of staff	Number of shifts	Ablution facilities required (eg. Showers, toilets, hand basins)

3. SOLID WASTE

3.1 Will solid waste of any type be produced (consider raw materials, process, packaging)?

YES	NO
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3.2 If YES, what type of solid wastes will be produced and how will they be disposed of?

Type of waste	Quantity	Method of Disposal

3.3 How will the waste be contained prior to disposal?

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3.4 What arrangements will be made to dispose of the waste?

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3.5 What has been done to minimise waste generation?

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3.6 Will there be waste arising from emergency conditions, plant maintenance and shutdowns? If so, what is the nature of the waste and what are the expected volumes?

Nature of waste	Expected volumes	Disposal methods

3.7 How will these wastes (from 3.6) be stored?

4. NOISE

4.1 What is the expected dB(A) level for the service or manufacturing installation?

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4.2 Is the noise continuous or irregular?

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4.3 Will the noise occur during the day or at night?

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4.4 Is there any noise associated with emergency conditions/plant shutdowns?

YES	NO
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If YES, what type of noise?

4.5 What steps will be taken to eliminate or reduce noise?

5. SAFETY PROFILE

5.1 Have you or any person associated with your business been found guilty or been served with a notice in contravention of any of the safety and environmental acts?

YES	NO
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If YES, please provide details

5.2 Will any part of your process generate high electromagnetic forces?

YES	NO
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Please specify

5.3 Will any radioactive sources be brought onto the site on a temporary basis?

YES	NO
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Please specify

DECLARATION BY TENANT (Prospective/ Existing)

I declare that the information provided is true and correct.

In the event that I would wish to change the service or production (product, volume, process) from that described here, I understand that I will need to complete a new Utilities and Environmental Requirements document prior to making the changes.

SIGNED: _____

PRINT NAME: _____

CAPACITY: _____

DATE: _____

SIGNATORIES SUPPORTING TENANT ACCESS

CONTACT NAME	COMPANY & DESIGNATION	APPROVED (SIGNATURE)	DATE
N Nyanisi	AECI Property Services: Environmental Manager		
T Naidoo	AECI Mining Explosives: SES Manager (<i>not a requirement for outside the Modderfontein Industrial Complex</i>)		