

PLAN OF MANAGEMENT

For

Proposed Buddhist Temple

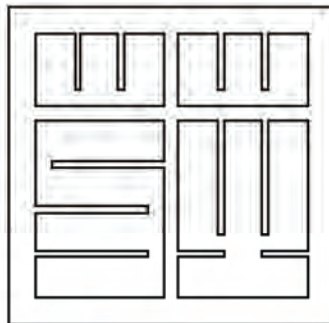
at

47-51 Edensor Road
Cabramatta NSW 2166

for

The Australian Chinese Teo Chew Association
Inc.

Prepared by



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19 July 2013

Rev D

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1 DOCUMENT CONTROL

Version	Date	Revision Notes	Status	Author
A	22 Oct 2012	First issue of Plan of Management for Council approval	Issued for DA approval	QC
B	5 March 2013	Revised Plan of Management including expanded sections for Council approval	Revised issue for DA approval	PM
C	13 May 2013	Lion Dance performance time amended, information and contact details for special events to be posted up outside premises, incinerator use, operation and technical details expanded	Revised issue for DA approval	PM
D	19 July 2013	Carparking management revised for rear parking area	Revised issue for DA approval	PM

2 INTRODUCTION

2.1 INTRODUCTION

A Buddhist Temple Complex (henceforth referred to as the “Temple”) is proposed at 47-51 Edensor Road, Cabramatta. The Temple will be run by The Australian Chinese Teo Chew Association Inc. (henceforth referred to as the “Association”) which is an organization of people of Chinese descent who speak the Teochew dialect. As a large number of its members are Buddhists, the Association is building a Temple for its members to worship the various gods and deities within the Buddhist tradition. Temple operations will be overseen by the Committee members of the Association.

This Plan of Management has been prepared to outline the operation of the Temple. It also outlines the administrative responsibilities of Temple and defines the steps of management to be taken to ensure the proposed Temple does not cause interference to its neighbours. Key operation and management issues or items are highlighted in bold in this document.

This Plan of Management is to be used by the Association as a reference and guide in the operation of the Temple so that it can operate in harmony with its neighbours and with the surrounding environment. It is aimed at ensuring a peaceful, quiet and safe residential neighbourhood is maintained.

2.2 TEMPLE LAYOUT AND FEATURES

The Temple is made up of a group of worship buildings consisting of a Main Hall, a Kwan Kong Hall and a Kwan Yin Hall arranged around a raised central court or Terrace with access from Edensor Road. The Kwan Kong and Kwan Yin Halls are located on a First Floor facing each other on the eastern and western sides of the Terrace. To the south of the Terrace facing Edensor Road is a grand stair and a gateway structure serving as the main entrance to the Temple. To the north of the Terrace is another set of grand stairs leading up to the Main Hall on the Second Floor. The Terrace itself is an open space with a Kwan Yin pond as its central feature. This pond will contain a 7m high statue of Kwan Yin.

Beneath the Main Hall on the Terrace level are a Kitchen and Dining Hall, an Office area, a Caretaker's Residence and a Toilet/Amenities block. Behind these to the north is a two storey Columbarium and Store building. Underneath all the buildings is a ground level covered and open carpark serving the parking needs of the Temple. Finally, on the Western extremity of the Terrace deck is a lift and stair tower providing access to all levels of the Temple.

3 STANDARD TEMPLE OPERATION

3.1 TYPICAL (DAILY) TEMPLE OPERATION

The Temple is open to members of the Association and the public for worship and reflection at the times listed below:

Daily Operations

Day of Operation	Mondays to Sundays
Time of Operation	9:00am to 5:00pm
Number of Staff	maximum 3 administrative staff
Number of visitors	expected 20 ppl maximum at one time, up to 50 throughout the day. Majority of the visitors would be senior citizens from the surrounding neighbourhood

Typically, visitors to the Temple will pray and make offerings to all the gods in the Temple for the different qualities they represent. The Kwan Kong Hall houses a statue of Kwan Kong, known as the God of War and seen as a protector of the Buddhist dharma or teachings. Buddhists pray to Kwan Kong for protection as well as for wealth and prosperity. The Kwan Yin Hall houses a statue of Kwan Yin, known as the Goddess of Mercy and Compassion. Buddhists pray to Kwan Yin for guidance and direction in life. The Main Hall houses a statue of Buddha and his past incarnations. Buddhists pray to Buddha for spiritual guidance, peace and wellbeing. Altars are set up in front the statues to display offerings such as flowers, fruits and water prepared by the Temple and/or given by members of the faithful.

Prayer and worship is generally be in the form of quiet reflection/prayer and/or individual religious text reading in front of these altars. Typical prayer and reflection can range from one to five minutes in the Kwan Yin and Kwan Kong Halls and five to ten minutes the Main Hall. Incense sticks are lit and no musical instruments and public address system will be used during the prayer/reflection in the Kwan Yin and Kwan Kong Halls. Some background chanting and music is played in the Main Hall. It is common for worshippers to visit all three worship halls when they visit the Temple.

The Terrace space will generally function as circulation space for worshippers as they move from one Worship Hall to another. It provides an important orientation point for worshippers and allows them to pause and rest in an open space before they enter any one of the Worship Halls. The Terrace can also double up as a performance space at Chinese New Year where a Lion Dance performance can be held.

3.2 1ST AND 15TH OF EVERY LUNAR MONTH

The 1st and 15th of every Lunar month are significant dates in the Buddhist calendar and on these days, a more formal prayer and worship is practiced. The operational details for this time is as listed below:

Fortnightly Operations

Date of Operation	1 st and 15 th day of every lunar month
Time of Operation	9:00am to 5:00pm
Number of Staff	maximum 3 administrative staff
Number of visitors	expected 50 ppl maximum at one time. Majority of the visitors would be senior citizens from the surrounding neighbourhood. Their family members might come along if the 1 st or 15 th day of every lunar month coincides with school holidays or weekend.
Prayer session	10am to 12pm and 2pm to 4pm, max 50ppl at one session
Vegetarian Lunch	11am to 2pm, max 90ppl at one time

On 1st and 15th of every Lunar month, the additional practice of religious text reading or chanting in addition to the normal prayer and worship is done. The chanting sessions are led by an Association member or volunteer versed in religious text incantation and typically run for half an hour to an hour. Small drums and bells/chimes are used to accompany the chanting. Incense sticks are also used.

On conclusion of worshipping and prayers on the 1st and 15th of every Lunar month, visitors and worshippers are treated to a free vegetarian lunch served in the Dining Hall. The Dining Hall will be used by volunteers and Association committee members to serve vegetarian food. The Kitchen provided is for the preparation or heating up of food served on these days (1st and 15th of every Lunar month) and on Special Event days only.

3.3 TRAFFIC

The majority of the visitors are expected to arrive at the Temple by bus utilizing the existing bus stop located in front of the site or by a free shuttle bus service provided by the Association. The minority of the visitors are expected to arrive at the Temple by car. Open and covered off street parking on the Ground Floor of the Temple will all be available for visitors. Access to the parking areas will be from Edensor Road. The design of the crossing and any other traffic or engineering requirement will be to Council's requirements. The carpark capacity is more than adequate to serve the needs of visitors to the Temple during daily and 1st and 15th of every Lunar month operations.

Management Action:

Provide a shuttle bus service picking up from Cabramatta train station on the 1st and 15th of every Lunar month. This bus service will run from 11am to 2pm with up to 4 trips every hour.

3.4 NOISE

Chanting and musical instruments used on the 1st and 15th of every Lunar month within the Main Temple are low in volume and do not generate excessive noise at the nearest residential receptors as per Acoustic measurements and assessment by Day Design Pty Ltd. Carpark noise however has been assessed as exceeding the acceptable noise criterion. A 2.1m high sound barrier wall is proposed along the common boundary with the residential dwellings along the eastern boundary and incorporated into the proposed fence design.

4 SPECIAL EVENTS

Three special events will be held at the Temple each year, namely Chinese New Year, Buddha's Birthday and Ullambana.

4.1 CHINESE NEW YEAR (END JANUARY/FEBRUARY)

Date of Operation	The 1st day of the Lunar Year and on the eve of the Lunar New Year
Time of Operation	9:00am to midnight (on New Year's eve) 9:00am to 5.00pm (on New Year's day)
Number of visitors	expected 450 ppl during the course of the day
Vegetarian Lunch	11am to 2pm, max 90ppl at one time

The first day of the new lunar New Year is a major celebratory event in Chinese culture. At the Temple, celebrations begin on the night before the New Year. On New Year's Eve, prayers and offerings are made throughout the day but the peak period for this activity is from 9pm to midnight. Most visitors go to the Temple after they have had their important family reunion dinner on New Year's Eve to enjoy the festive atmosphere and to usher in the New Year. The Association will also put on a Lion Dance show on the Terrace from between 9.00 to 9.45pm. Drums and gongs are used during the performance. It is expected up to 200 people are expected to gather at the Terrace to watch the Lion Dance performance. To manage the large number of visitors, a Public Address system may be used for announcements and the like.

Fireworks and firecrackers are lit in the hours leading up to midnight to welcome in the New Year. The permissibility, hours and control of the use of fireworks and firecrackers is subject to a separate DA application usually managed by the companies which run the fireworks and firecracker show.

On New Year's Day, visitors go to the Temple for prayer and worship. Prayer and worshipping activity consists of making offerings and chanting with the use of drums and bells/chimes as per prayer activity on the 1st and 15th of the Lunar month. A free vegetarian lunch is provided for worshippers on the day.

4.2 BUDDHA'S BIRTHDAY (APRIL)

Date of Operation	The 8th day of the 4th lunar month
Time of Operation	9:00am to 5.00pm
Number of visitors	expected 250 to 300 ppl during the course of the day
Vegetarian Lunch	11am to 2pm, max 90ppl at one time

While Chinese New Year is a celebratory event, Buddha's Birthday is a deeply religious event. Prayer and offerings in front of the altar of Kwan Yin at the Main Temple are the key features of this day. Incense sticks, candles and other religious offerings would be used during the practice. Chanting with the use of drums and bells/chimes is also done mainly in the morning from 9 to 11am. A free vegetarian lunch is provided for worshippers.

4.3 ULLAMBANA/PARENT'S DAY (JULY/AUGUST)

Date of Operation	The 9th to 15th day of the 7th lunar month
Time of Operation	9:00am to 5.00pm
Number of visitors	Expected peak attendance of 180ppl on the first Sunday during the 7 day event
Vegetarian Lunch	11am to 2pm, max 90ppl at one time

Ullambana is a week-long spiritual event which is devoted to living and deceased parents and ancestors. Relatives of the deceased whose ashes are kept in the Columbarium have the opportunity to come to the Temple to remember their departed. Incense sticks, candles, joy paper and other religious offerings would be used during the practice. Prayer and worshipping activity consists of making offerings and chanting with the use of drums and bells/chimes.

4.4 TRAFFIC

Parking is to occur in the same manner as described under 'Standard Temple Operation'. However, it is anticipated that on the night before the Chinese New Year, there will be an increase of visitors to the temple in the late evening to usher in the New Year. On-site parking may be stretched beyond capacity on this occasion and may result in some spill-over parking in the surrounding street parking network.

Street parking for about 28 cars is available along the eastern side of Crosio Place, approximately 80m away from the Temple. Street parking is also available on the eastern side of Meadows Road, from Moonshine Avenue to Cabramatta Road, approximately 140m from the Temple for about 23 cars. Should conditions require it, visitors to the Temple will be directed to park on those two streets if the Temple carpark is full.

Management Action:

On Special Event Days, designate a Traffic Warden trained in traffic control (to Road and Maritime Services standard) is to be stationed at the driveway entrance to the Temple. This Traffic Warden is charged with controlling and maintaining smooth flow of traffic into and out of the Temple premises. The Traffic Warden is to be stationed at the driveway entrance from 6.00pm to midnight on the eve of Chinese New Year and from 10am to 2.00pm on other Special Event days to direct traffic in and out of the Temple carpark safely and will direct drivers to park at the designated nearby streets (eastern side of Crosio Place and eastern side of Meadows Road) if required. He or she is to be assisted by two Patrol Officers and 2 Parking Officers also working at the same hours.

The 2 Patrol Officers to manually patrol the surrounding streets at 30 minute intervals in the vicinity of the site to ensure that no vehicles are illegally parked and/ or obstructing driveways of adjacent residents. Temple visitors are to be advised not to park along Clare Street and redirected to Crosio Place or Meadows Road if required. In the event that a vehicle is found to be illegally parked or blocking access to neighbouring

properties, members of the Association shall attempt to find the owner of that vehicle to have it moved. If the owner could not be identified, the number plate and make of the vehicle, together with time and location of the parking incident, are to be recorded in writing and shall be reported to Council officers upon request.

In addition to patrolling the streets, the 2 Patrol Officers are to assist in keeping the frontage of the site clear of litter or rubbish while on duty. This is to be extended to the surrounding streets if required.

4.5 NOISE

Based on the acoustic study by Day Design Pty Ltd, the cumulative noise emission from the Temple without noise control would exceed the acceptable noise criteria. A 2.1m high sound barrier wall is proposed along the common boundary to the east of the Temple, along the common boundary with No. 45 Edensor Road. Other recommendations for noise control are as listed below for management action.

Management Action:

The sound level of the public address system is to be limited to 75dB at a distance of three metres as per Acoustic Engineer's recommendations. The public address system will be used to remind visitors to leave the Temple in a quiet and orderly manner. The use of the public address system will be restricted up to 10pm only on Chinese New Year eve.

Inform surrounding neighbours of possible elevated noise levels in the evening on the eve of Chinese New Year as detailed in the section of this Management Plan under 'On-going Management'.

5 ON-GOING MANAGEMENT

5.1 NEIGHOUR RELATIONS

The President of The Australian Chinese Teo Chew Association Inc. will be responsible maintaining good relations and communications with adjoining neighbours.

To maintain contact and dialogue with the surrounding residents, letter drops will be made prior to Special Event days. The letter is to contain details of the event, the contact details of the person responsible for the event and a feedback form for return to the Association if required.

Management Action:

Provide letter drops to surrounding residences within 400m of the Temple at least 7 days before a special event. Letter to contain information of the event, the contact details of the person responsible for the event and a feedback form for return to the Association if required. Letter to also inform surrounding residences of elevated noise levels due to Lion Dance performances and Fireworks and Firecracker use (if approved under a separate DA submission process). The letter is also to contain the contact details of the person responsible for the use and operation of the gas fired incinerator used during the week long Ullambana/Parents Day period.

Copy of the letter containing details of the special event and contact details of the person responsible for the event to be posted on the main gates of the site for reference by residents and passers by.

Any feedback or complaints received by the association will be raised during the Association's regular Committee meetings. Reviews, outcomes and proposed action will be recorded in the minutes of the meeting to ensure follow-up action is taken and reviewed at each subsequent meeting until the item or issue is resolved. In the event that a complaint or issue cannot be satisfactorily resolved between The Association and a resident, the matter may be referred to Council for further advice.

If a complaint received is noise related, obtain advice from an acoustic engineer. Allow for noise monitoring at the affected receptor location and take appropriate measures to reduce noise emission.

5.2 COLUMBARIUM USE

The Columbarium houses the ashes of the deceased in porcelain urns which are placed in a niche and sealed with a granite or marble plaque. A prayer area is provided within the columbarium where prayers are made for the deceased for the first 7 days of the person's death, on the anniversary of the death and during Ullambana / Parents Day.

The Columbarium is an integral part of a Buddhist temple where prayers, making offerings and paying respect to Buddha, his incarnations, deities and the deceased are all important aspects of the Buddhist religion and practice. Typically, a visit to the Columbarium to pay respects to the deceased on the anniversary of their death will also entail prayer and worship in one or all of the other worship halls on the same visit.

The Second Floor of the Columbarium will initially function as a Store for the storage of Temple furniture, prayer supplies and donated items. It is the intention for the Store to be converted as additional Columbarium space when the First Floor Columbarium reaches its capacity. It may be many years before this occurs.

5.3 BURNING OF JOSS PAPER / PAPER MONEY

The burning of joss paper and paper money is a common practice in Chinese Buddhist temples as offerings to the deceased in order that they can utilise the 'money' in heaven. Joss Paper/Paper money are pieces of coloured paper roughly A5 or 150x210mm in size with prints and patterns symbolising heavenly money or currency. Such offerings are made by burning the joss paper/paper money during the Ullambana or Parent's Day period.

To facilitate the burning of Joss Paper / Paper Money with reduced impact to the surrounding neighbourhood, an incinerator is to be provided on the Ground Floor near the north west corner of the Columbarium building. The incinerator will be operated by Association members, volunteers or the caretaker who are trained in the operation of the incinerator. To manage the process of receiving the joss paper/paper money for burning, bins will be provided in the Columbarium and Main Hall for paper offerings to be deposited into by worshippers. When full, they will be taken to the incinerator to be burnt.

It is expected that the incinerator will be used on between 9.00am to 5.00pm during the week long Ullambana/Parents Day. Up to 1 cubic metre of joss paper/paper money will be incinerated at any one time.

The incinerator will be a gas fired incinerator similar to the type attached as Appendix A of this document. The incinerator consists of a dual chamber incinerator with the primary incinerator to burn the product and the secondary chamber with afterburner to burn off smoke and odour. The resulting emission will be visually clean and odourless. Such incinerators are capable of incinerating medical waste and animal carcasses and are therefore more than capable of incinerating simple joss paper/paper money offerings.

Management Action:

Provide a low emission incinerator for the burning of joss paper/paper money. The incinerator to be operated by Association members and volunteers or the Caretaker who are trained in the operation of the incinerator. Incinerator to be maintained and serviced according to manufacturer's recommendations.

5.4 MECHANICAL PLANT

Air-conditioning is proposed for the First Floor Office, Dining Hall and Caretakers Residence only. Condensing units for the air-conditioning system are proposed to be located on the Ground Floor adjacent to Stair 05 and Stair 06 as noted on the plans.

Management Action:

In line with recommendations contained in the Environmental Noise Impact report by Day Design Pty Ltd, the condensing units for the Office and Dining Hall will be specified to not exceed 80dBa and the condensing unit for the Caretaker's Residence will be specified to not exceed 70dBa. The air-conditioning for the Office and Dining Hall are also to be operated only within the standard operating hours of 9.00am to 5.00pm.

5.5 DISTRIBUTION AND REVIEW

This document has been prepared to guide management of the proposed Temple at 47-51 Edensor Road, Cabramatta, specifically in relation to its activities and measures to mitigate the impact of its activities and operations on the surrounding neighbourhood. It is anticipated that this Plan of Management will require regular review and updating as the Temple is constructed and commences operation.

Management Action:

This Plan of Management is to be distributed to all members of the Australian Chinese Teo Chew Association Inc. including a copy translated into Chinese. A copy of the plan is to also be retained on site in the Office area and be available for viewing by members and visitors.

Before commencement of operations for the new Temple, the Association is to run an induction programme for all Association leaders/committee members, monks and Temple volunteers regarding the Plan of Management and their roles and responsibilities within the Plan of Management.

6 APPENDIX A – INCINERATOR TECHNICAL DETAILS



Aust Combustion Eng Pty Ltd

(A.C.E Systems)

16 Law Court Sunshine Vic 3020
Ph: (03) 9312 6004 Fax: (03) 9364 8859

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INCINERATORS - DRYERS - BURNERS - MECHANICAL & GENERAL ENGINEERING - BOILERS - FURNACES

MODEL MK 5.5 - Dual Chamber

APPLICATIONS

- Hospital & Industrial Waste
- Animal & Poultry carcasses
- Municipal & Quarantine Waste
- Obsolete Drugs
- Security Documents
- Obsolete Currency
- Wood & Sawdust
- Sewage Plant Skimmings

BENEFITS OF INCINERATION

- Waste can be destroyed just as fast as it accumulates
- No carcasses residue left to spread disease or to attract rodents and flies
- Fill chamber and turn incinerator on – no watching required as shuts down automatically
- Only sterile ash & fragments left

KEY FEATURES

- Exclusive Patent Elliptical Shape design accelerates waste reduction
- Dual Chambers creates environmentally friendly clean emissions
- High structural strength due to the Elliptical shape
- High temperature castable refractory
- Stainless steel stack
- Automatic diesel or gas fired burners
- Easy installation & maintenance



SPECIFICATIONS MK 5.5 Dual Chamber

No. of Chambers	2 Waste Produce Burnt in Primary Chamber Smoke & Odour Burnt in Secondary Chamber
Primary Chamber volume	1.1 Cubic Metres
Capacity	50Kg
Length	1700mm
Overall Length	2300mm (including burners & controls)
Width	1100mm (including loading door)
Overall Width	
Height	2300mm (excluding stack)
Draught Control	1200mm (insulation section of stack)
Floor Space Required	4000mm x 5000mm
Roof Height Required	3800mm
Stack	4000mm
Total height from ground	9800mm
Weight	5.5 tonnes
Casing material	6mm mild steel
Refractory Lining	150mm – 2 part
Flue Material	2.0mm Stainless steel x 300 diameter
Fuel	Diesel, LPG & Natural Gas
Primary Burner	Automatic Hi/Lo Package Type, LPG or Diesel
Secondary Burner	Automatic Hi/Lo Package Type, LPG or Diesel
Power Requirements	230V – 50HZ – 10AMP
Controls	2 x Digital Temperature Controller
	1 x Timer
	1 x Burner On/Off Switch
Loading Method	Manual / Semi Automatic
Volume per load	0.1 cubic metres
Operating Temperature	
Primary Chamber	760
Secondary Chamber	950 - 1100
Recommended minimum shed requirements	4000mm W x 3200mm D x 3800mm H at eaves Minimum one wall fully enclosed Concrete floor 150mm thick
Secondary Chamber Residence	0.75 Second

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Aust Combustion

Eng Pty Ltd (A.C.E Systems)

INCINERATORS - DRIVERS - BURNERS - MECHANICAL & GENERAL ENGINEERING - BOILERS - FURNACES

Over the past decades Aust Combustion Engineering Pty Ltd have developed a range of economic, high quality, hygienic, environmentally friendly, systems for thermal reduction of a wide range of waste streams including Medical and Pet Cremation.

CAPACITY OF SYSTEMS RANGE UPWARDS FROM 25Kg/HR.

ADVANTAGES OF ELLIPTIC INCINERATORS

Aust Combustion Engineering Pty .Ltd. patented design

- ❖ High structural strength due to shape of the shell.
- ❖ Extended refractory life due to tendency of radial shape to "retain" the lining which is gunned into place.
- ❖ Active gas action provides more efficient burning of waste due to expanding/contracting of gases while travelling the length of the chamber due to firing at one end of the long axis and absence of "gas dead" corners.
- ❖ Actual burner protection from waste loading damage due to the fact that loading occurs at opposite end of the chamber or midway, compared to round chambers and rectangular chambers where loaded waste frequently falls onto burners or into the burner firing path.
- ❖ Installation/commissioning time for ACE- systems is rated in DAYS not weeks.
- ❖ Immediate full temperature use of the system upon commissioning, as every unit is factory pre-run and refractory cured.
- ❖ In the event of necessity, ACE units are suited to re-location with minimum likelihood of damage to refractories due to rugged construction and high strength.
- ❖ Many options of location of loading and cleanout doors to suit installation location restrictions.

Aust Combustion Engineering systems



SYSTEM DESIGN

Aust Combustion Engineering provides design and manufacturing facilities to meet specific client requirements for cremation systems and emission control systems. Units are modular and pre-fired at the factory, therefore installation and commissioning time is minimal. Systems are readily transportable.

Weather proofing is essential. Minimum requirement for weather proofing is a shed with at least one wall enclosed.

A basic unit would have:

- ✓ Dual chambers
- ✓ Manual load
- ✓ Package burners with basic burner controls

PURPOSE OF AUST COMBUSTION ENGINEERING DUAL CHAMBER MEDICAL WASTE / CREMATORS

Dual Chamber Cremators have a primary chamber with primary burner to cremate the product and a secondary chamber with afterburner to burn off smoke and odour that occurs intermittently from the primary burning process.

Efficient operation of the afterburner will produce visually clean emission from the incinerator stack (exhaust).



MEDICAL WASTE / PET CREMATION UNIT

- Elliptical in shape and vertical
- Environmentally friendly with clean smoke emission
- Hygienic disposal with safety and economy
- Primary and Secondary Chambers
- Automatic gas or diesel package burners
- Sized to suit quantity of disposal required
- Scientifically designed to fully utilise internal temperature gases in accelerating carcase cremation
- Mild steel outer shell (Std.).
- Lined with refractory to suit temperature and type of waste
- Stainless steel flue.
- Pre-run at works prior to shipment. Disassembled for shipment. Easily reassembled on site.

STANDARD CONTROLS

1. Digital temperature controllers
2. Timer
3. Primary Burner On/Off switch

CLIENT TO SUPPLY

1. Power supply to unit
2. Fuel storage and supply lines to unit
3. Civil works including concrete base
4. Shed for weather protection
5. Cranage on site
6. Personnel to assist ACE Engineering technician to install

INSTALLATION AND COMMISSIONING

Includes:

- ✓ Supervision of installation of the unit
- ✓ Trial running to test burn subject material
- ✓ Instruction of operators and service personnel

In the event of delays due to unprepared civil works and any other delay that is not the fault of Aust Combustion Engineering, a daily delay time will be charged.



OPERATING INSTRUCTIONS

BASIC DUAL CHAMBER MEDICAL WASTE / PET CREMATOR

1. PRIOR TO INITIAL START UP EACH DAY, REMOVE ASH FROM THE CHAMBER AND CLOSE THE CLEANOUT DOOR.
2. CHECK THAT THERE IS SUFFICIENT FUEL TO OPERATE BURNER.
3. SET DESIRED BURN TIME ON THE TIMER.
4. PRESS START BUTTON. ALLOW CREMATOR TO PREHEAT 15-20 MINUTES.
5. TO LOAD PRODUCT INTO FIRING CHAMBER:
 - SWITCH PRIMARY BURNER ON/OFF SWITCH TO "OFF"
 - OPEN DOOR
 - LOAD WASTE
 - SHUT DOOR
 - SWITCH PRIMARY ON/OFF SWITCH TO "ON"

IMPORTANT

CREMATOR MUST BE PROTECTED FROM THE WEATHER.

WARNING

DO NOT OPEN THE DOOR WHEN PRIMARY ON/OFF SWITCH IS "ON".

DO NOT INCINERATE PRESSURE CANS.

DO NOT TURN OF MAIN SWITCH (ONLY FOR MAINTENANCE)



Aust Combustion Engineering Pty Ltd

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COMPANY PROFILE

Australian Combustion Engineering (A.C.E. Systems), formally **Bonne Engineering**, is an Australian owned company manufacturing a range of high quality environmentally friendly, high temperature incineration systems since 1982. All our systems conform to emission regulations.

We Produce and supply custom built incinerator systems throughout Australia and Southeast Asia to a broad spectrum of industries and government departments. Our focus continues to be on vigorously developing new incineration technology and the development of a strong International business identity.

With our experience and expertise we are committed to providing the highest quality value for money products and services to our customers in a manner that ensures long term relationships are maintained.

Our patented Elliptical shape incinerator design ensures internal high temperature gases accelerate waste destruction, a key benefit on any waste disposal application.

This unique Elliptical shape gives our incinerators a high structural strength and it provides a more efficient burning action with NO DEAD corners. It also features high temperature castable refractory, stainless steel stack, environmentally friendly clean smoke emission and automatic diesel or gas fired burners.

Incinerators are free standing, requiring only a concrete base, 240 volt power, fuel supply and weather shield. Pre-fired at works to operating temperature, making sure the unit is ready for full temperature operation upon installation & commissioning.

Installation/commissioning completed in DAYS not WEEKS.

Incinerator system design is determined by the product to be destroyed, hours of burning, loading requirements and degree of sophistication required.



Aust Combustion Engineering Pty Ltd
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Aust Combustion Engineering Incinerators have been installed in Hospitals, Mining Sites, Plywood Factories, Banks, Animal Research Centres, Quarantine Stations, Race Courses, Clinics and Military Bases.

Incineration systems are available for destruction of:

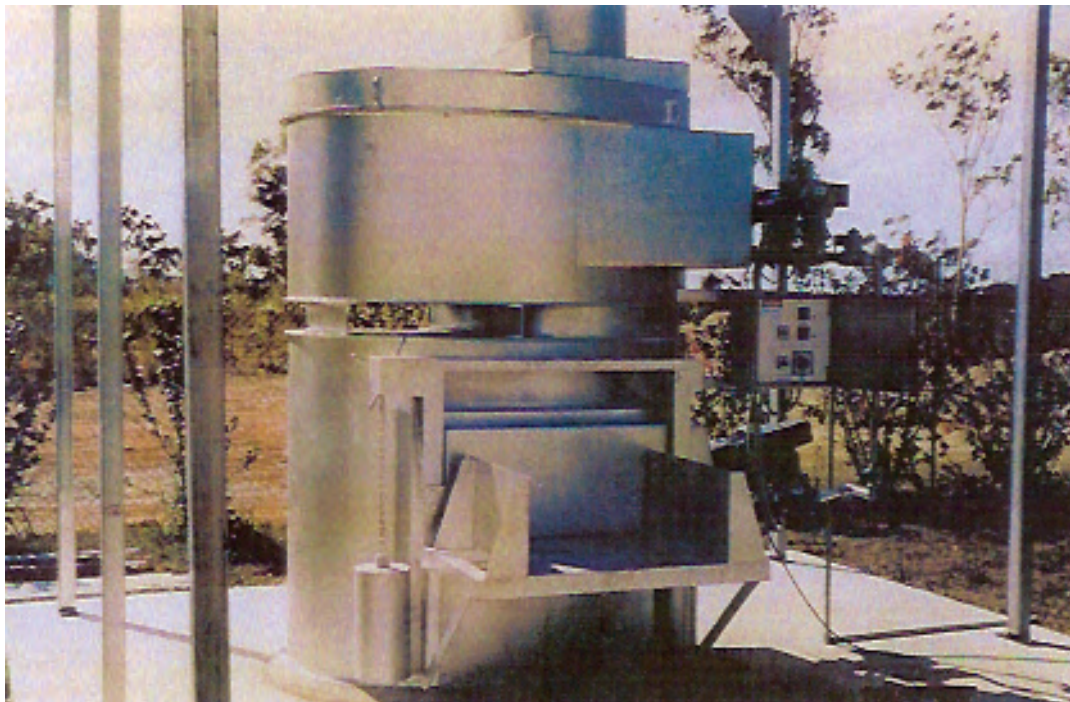
- Hospital waste
- Animal carcasses
- Industrial, municipal and quarantine waste
- Waste oil
- Obsolete drugs and currency
- Wood and sawdust
- Security documents
- Sewage plant skimmings



Aust Combustion Eng Pty Ltd (A.C.E Systems)

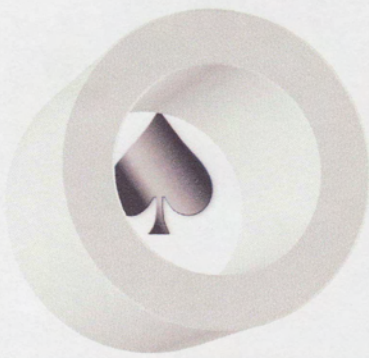
INCINERATORS - DRIVERS - BURNERS - MECHANICAL & GENERAL ENGINEERING - ROTTERS - FURNACES

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INCINERATORS - DRYERS - BURNERS - MECHANICAL & GENERAL ENGINEERING - BOILERS - FURNACES

February 2, 2010

To all Bonne Engineering (Aust) Pty Ltd customers,

Re: Change of name

I am writing to advise you that effective from January 29th, 2010 **Bonne Engineering (Aust) Pty Ltd** changed its name to **Aust Combustion Engineering Pty Ltd**. This is a name that we feel is better suited to our ongoing core business operations and will allow us to stand apart from other general engineering companies.

In addition to the name change we are in the process of relocating the manufacturing facility from our Queensland branch down to our head office in Melbourne. As a result of the relocation the contact details will be changed to the following:

Phone: 0428 221 333
+61 428 221 333

Address: 16 Law Court, Sunshine Victoria 3020

Any queries or orders can also be sent via email at info@aceincinerators.com.au or through the web site "contact us" section at www.aceincinerators.com.au.

As a valued customer we ask you to pass this information onto your purchasing and operations staff, so we may continue our association and assist you in the future.

Yours sincerely,
Shane Davis

Director Bonne Engineering (Aust) Pty Ltd

MELBOURNE

16 Law Court
Sunshine Vic 3020
Australia
Ph: +61 428 221 333
Fax: +61 3 9310 2288

ADELAIDE

4/12 Scarborough Way
Lonsdale SA 5160
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BRISBANE

6/47 Tile Street
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Ph: +61 7 3879 4922
Fax: +61 7 3879 4933

AUCKLAND



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Papakura 2277
New Zealand
Ph: +64 9 299 2816
Fax: +64 9 299 2936

INDONESIA/SINGAPORE

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Industrial Park Phase I
Seraya Batam 29432
Ph: +62 778 495 016
Ph: +65 929 81 013
Fax +62 778 456 275



Laboratory Test Report

Report Number	OE101404F1
Issue Date	12 September 2003
Report To	Kelth Goodrich Bonne Engineering Pty Ltd PO Box 477 Richlands Q 4077
Client Reference	-
Job Description	Particulate Emission Monitoring at Gold Coast Pet Memorial Services
Date Received	6 August 2003
Date Conducted/Completed	28 August 2003
Responsibility for Sampling	Andrew Gaggiano - Health Safety and Environmental Scientist Greg Shields - Field Operations Officer
Checked by	
Approved Signatory	

Unless otherwise indicated responsibility for sampling rests with the client. Where test items are submitted by the client results expressed in this report relate only to test items as received.
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Quality System Certification Number: 6039 (Certified to AS/NZS ISO 9001).



REPORT NO: OE101404F1

Introduction

Simtars was contacted by Keith Goodrich of Bonne Engineering to undertake emission monitoring at the Gold Coast Pet Memorial Services. On 28 August 2003 monitoring was performed for particulate matter, styrene, oxides of nitrogen, velocity, moisture, temperature and mass emissions.

Methodology

Particulate emissions were determined in accordance with Australian Standard 4323.2- 1995 - Stationary Source Emissions Method 2: "Determination of Total Particulate Matter - Isokinetic Manual Sampling - Gravimetric Method".

Oxides of nitrogen and general gases (oxygen, carbon monoxide and carbon dioxide) were determined using a Lancom Series 3 gas analyser.

Styrene was determined using NIOSH Method 1501: "Hydrocarbons, Aromatic" as a guide.

Results

Results are detailed in Appendix 1. One dog was cremated during the testing period.

Acknowledgement

The cooperation and assistance of all persons involved during sampling was most appreciated.

References

- | | |
|--|--|
| Australian Standard AS4323.1(1995) | Stationary source emissions. Method 1 - "Selection of sampling positions." |
| Australian Standard AS4323.2(1995) | Stationary source emissions. Method 2 - "Determination of total particulate matter - Isokinetic manual sampling - Gravimetric method." |
| NIOSH Manual of Analytical Methods. | Method 1501: "Hydrocarbons, Aromatic". |
| Victorian Environmental Protection Authority (2001). | State Environment Protection Policy (Air Quality Management). |

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REPORT NO: OE101404F1

Appendix 1

Table 1: Emission Monitoring Results for Gold Coast Pet Memorial Services

<i>Test Parameters</i>	<i>Run 1</i>	<i>Date</i>	<i>Time</i>	<i>Victorian SEPP Emission Limits</i>
Stack cross sectional dimensions (m) at sampling point	0.300	29/08/2003	11:55-13:19	
Number of sampling points	4			
Total sampling period (min)	80			
<i>Physical Characteristics of Stack Gas</i>				
Average temperature (°C)	304			
Average velocity at sampling point (m/s)	8.9			
Average efflux velocity (m/s)	20			
Average volumetric flow rate (m³/s)	0.3			
<i>Major Gaseous Components (% by volume)</i>				
Water (wet)	4.14			
Oxygen	17.3			
Nitrogen	78.1			
Carbon monoxide	0.0587			
Carbon dioxide	2.91			
<i>Emission Concentrations (g/m³)</i>				
Carbon monoxide	0.733			
Oxides of nitrogen (NO ₂ at 7% O ₂)	0.101			0.35
Particulate matter (12% CO ₂)	0.103			0.5
<i>Emission Concentrations (mg/m³)</i>				
Styrene	<0.57			
<i>Mass Emission Rates (g/s)</i>				
Carbon monoxide	0.21			
Oxides of nitrogen (NO ₂)	0.008			
Particulate matter	0.01			
<i>Mass Emission Rates (mg/s)</i>				
Styrene	<0.18			

All volumes/concentrations are expressed on a dry basis and referenced to 0°C and 101.3 kPa unless otherwise stated.

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Quality System Certification Number: 6039 (Certified to AS/NZS ISO 9001).

Reference: 50/003/0010/14/04
Branch: Occupational Hygiene, Environment and Chemistry Centre
Contact Name: Rex Marshall
Telephone: 07 3810 6348
Email: rex.marshall@nrn.qld.gov.au

3 December 2003

Mr Keith Goodrich
Bonne Engineering Pty Ltd
PO Box 477
Richlands Qld 4077

Dear Mr Goodrich

Stack Emission Modelling

With regard to the emission levels measured at the Pet Cremator at Andrews on the Gold Coast the measured amounts were in low concentrations. The particulate matter measured during operation of the incinerator was 0.103 g/m^3 while the styrene was below the detection limit of the analytical method ($<0.57 \text{ mg/m}^3$). When these values are converted to ground level concentrations they appear as a maximum of 0.16 ug/m^3 particulate matter and less than 0.01 ug/m^3 of styrene. I am not familiar with the allowable ground level concentrations of these materials in the operating licence of the Pet Cremator but compared with other National Standards these levels are still low. The Air Quality Goal of the National Health and Medical Research Council lists the goal for total suspended particulate matter as 90 ug/m^3 on an annual basis. The Queensland EPA Environmental Protection (Air) Policy 1997 lists the Air Quality Goal for styrene as 800 ug/m^3 on a 24 hour basis.

If it is required Simtars can support this result by producing an Ausplume Model of the ground level concentrations as stated.

Yours sincerely



Rex Marshall
Senior Environmental Scientist
Occupational Hygiene, Environment and
Chemistry Centre



Occupational Hygiene, Environment and Chemistry Centre



2 Smith Street, REDBANK, QLD 4301, Australia
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Phone (07) 3810 6333
Fax (07) 3810 6363
International Fax (617) 3810 6363

Laboratory Test Report

REPORT NO: L-0104-97/98

ISSUE DATE: 15 June 2000

SIMTARS FILE REF: 50/3/10/6/24

CLIENT/CUSTOMER NAME: Bonne Engineering

APPLICANT/CUSTOMER REFERENCE: Keith Goodrich

JOB DESCRIPTION: Emission Survey of Incinerator stack

DATE RECEIVED/SURVEY DATE: 21 July 1997

SAMPLE/S COLLECTED BY: SIMTARS

This final report refers to SIMTARS preliminary report sent to Keith Goodrich on 24 July 1997. This final report replaces the above mentioned report and should be treated as final.

CHECKED BY: APPROVED SIGNATORY:

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Occupational Hygiene, Environment and Chemistry Centre



REPORT NO: L-0104-97/98

Introduction

SIMTARS personnel were contracted to determine particulate emissions from the incinerator stack temporarily located at the Brisbane office of Bonne Engineering. Particulate emissions and general gases were monitored and the testing was conducted on the 21 of July 1997.

Methodology

Particulate emissions were measured according to *Australian Standard AS 4323.2 - 1995*.

General gas composition was determined by collecting grab samples of flue gas into aluminised plastic bags and analysing the gas samples using *SIMTARS laboratory method LP0021*. This technique measured general permanent gases using dual column chromatography with thermal conductivity and methanised flame ionisation detection.

Results

This test took place during the cremation of the bodies of one dog and two cats over a one hour period. The total mass of material cremated was approximately 30 kilograms.

Emission test results are detailed in the appendix.

Acknowledgment

The co-operation of and assistance of all persons involved during the sampling was most appreciated.

References

- | | |
|------------------------------------|--|
| Australian Standard AS4323.1(1995) | Stationary source emissions. Method 1: Selection of sampling positions. |
| Australian Standard AS4323.2(1995) | Stationary source emissions. Method 2 : Determination of total particulate matter - Isokinetic manual sampling - Gravimetric method. |
| SIMTARS Method LP0021 | Procedure for the Analysis of General Permanent Gas Mixtures. |
| ANZECC Guideline (1985) | National guidelines for control of emission of air pollutants from new stationary sources - AEC & NH&MRC. |



Occupational Hygiene, Environment and Chemistry Centre



REPORT NO: L-0104-97/98

Appendix

Table 1: Detailed emission test results for Bonne Engineering - Incinerator stack

<i>Test Parameters</i>	<i>Value</i>	<i>Date</i>	<i>Time</i>	<i>ANZECC Guideline</i>
Laboratory Number	585-97L	21/7/97	10:25-11:45	
Stack diameter (m)	0.25			
Number of sampling points	8			
Total sampling period (min)	60			
<i>Physical Characteristics of Stack Gas</i>				
Average temperature (°C)	477			
Average velocity at sampling point (m/s)	10.0			
Average efflux velocity (m/s)	10.0			
Average volumetric flow rate (Nm ³ /s)	0.18			
<i>Major Gaseous Components (% by volume)</i>				
Water (wet)	2.56			
Oxygen	13.8			
Nitrogen	81.2			
Carbon monoxide	<0.005			
Carbon dioxide	5.07			
<i>Emission Concentrations (g/m³)</i>				
Carbon monoxide	<0.06			1.0
Carbon monoxide (ppm)*	<49			
Particulate matter	0.05			
Particulate matter (12% CO ₂)	0.12			0.5
Particulate matter (ug/m ³)**	50000			
<i>Mass Emission Rates (g/s)</i>				
Carbon monoxide	<0.011			
Particulate matter	0.008			

All volumes/concentrations are expressed on a dry basis and referenced to 0°C and 101.3 kPa unless otherwise specified

* this represents a grab sample during the cremation and cannot be compared to an 8 hour average

** this total particulate matter was collected during a 1 hour test and cannot be compared to a 24 hour average for PM10.

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ACE INCINERATORS

SITE	UNIT	USE
BARRICK GOLD PORGERA JOINT VENTURE	MODEL: MK 7.5 DUAL CHAMBER	UNDER CONSTRUCTION CAPACITY: 150KG/HR CAMP & OIL WASTE 2013
ACIRL ASL LABORATORIES GROUP	MODEL: MK 5.5 AFTER BURNER	COKE MANUFACTURING
PNG IMR (INSTITUTE OF MEDICAL RESEARCH MANDANG PNG	MODEL: MK5 DUAL CHAMBER DIESEL BURNER	DESTRUCTION OF MEDICAL WASTE CAPACITY: 25KG/HR
PNG IMR (INSTITUTE OF MEDICAL RESEARCH) GOROKA PNG	MODEL: MK5 DUAL CHAMBER DIESEL BURNER	DESTRUCTION OF MEDICAL WASTE CAPACITY: 25KG/HR
SPECIAL FRIENDS PET CREMATIONS BENDIGO VICTORIA AUSTRALIA	MODEL: MK6 DUAL CHAMBER GAS CHAMBER	PET CREMATOR CAPACITY: 80KG/HR
FIJI GAS	MODEL: MK5 SINGLE CHAMBER GAS BURNER	TOKORIKI ISLAND RESORT CAPACITY: 25KG/HR
PETS ETERNAL PEACE NORTH MACLEAN QLD PHONE: 3297 5565	MODEL: MK5 DUAL CHAMBER GAS BURNER	PET CREMATOR CAPACITY: 50KG/HR
APAC HEALTH SYSTEMS BALI SANGLAH HOSPITAL PHONE: 07 3220 3001	MODEL: MK5.5 DUAL CHAMBER DIESEL BURNER	DESTRUCTION OF HOSPITAL WASTE CAPACITY: 50KG/HR
ROB KIDNER MAREEBA QLD AUSTRALIA	MODEL: MK5.5 SINGLE CHAMBER GAS BURNER	PET CREMATOR CAPACITY: 50KG/HR

ACE COMBUSTION ENGINEERING PTY LTD
INCINERATOR INSTALLATIONS 2012

SITE	UNIT	USE
NADI - LAUTOKA - FIJI DOWNER ENGINEERING PHONE: 679 652 106 FAX: 679 652 105	MODEL: MK5 SINGLE CHAMBER DIESEL BURNER	DESTRUCTION OF HOSPITAL WASTE CAPACITY: 25KG/HR
INDONESIA PT UNIVERSAL OGDEN PHONE/FAX: 32 567 554	MODEL: MK5 DUALCHAMBER DIESEL BURNER	DESTRUCTION OF HOSPITAL WASTE CAPACITY: 25KG/HR
KINTORE CLINIC NORTHERN TERRITORY MURRAY RIVER NORTH PHONE: 08 95 312 033 FAX: 08 95 311 344	MODEL MK5 SINGLE CHAMBER LP GAS BURNER	DESTRUCTION OF HOSPITAL WASTE CAPACITY: 25KG/HR
PET HEAVEN NQ TOWNSVILLE QLD PHONE: 07 47 513 220	MODEL: MK6 DUAL CHAMBER MANUAL LOAD	PET CREMATOR CAPACITY: 80KG/HR
WD & LA LASKUS EMU PARK QLD PHONE: 07 49 396 572	MODEL: MK5 DUAL CHAMBER MANUAL LOADING	PET CREMATOR CAPACITY: 25KG/HR
APAC HEALTH SYSTEMS NAURU PHONE: 07 32 203 001	MODEL: MK5.5 DUAL CHAMBER MANUAL LOADING	DESTRUCTION OF HOSPITAL WASTE CAPACITY: 50KG/HR
LIHIR GOLD LIHIR ISLAND PNG	MODEL: MK 7.5 DUAL CHAMBER PLC CONTROLLED AUTO LOADING CHUTE	USED TO DISPOSE OF WASTE OIL EQUIPMENT WATER CONTAMINATION OF OIL IS REMOVED BY CENTRIFUGE BEFORE THE OIL IS FED TO THE INCINERATION SYSTEM WHERE IT IS HEATED PRIOR TO FIRING AND THEN ALSO USED AS FUEL TO BURN GENERAL GARBAGE CAPACITY: 150KG/HR

ACE COMBUSTION ENGINEERING PTY LTD

INCINERATOR INSTALLATIONS 2012

SITE	UNIT	USE
APAC HEALTH SYSTEMS DILI - EAST TIMOR PHONE: 07 32 203 001 FAX: 07 32 202 405	MODEL: MK5.5 DUAL CHAMBER MANUAL LOADING DIESEL BURNERS	TWO (2) UNITS DESTRUCTION OF MEDICAL WASTE CAPACITY: 50KG/HR
PORT MORESBY PRIVATE HOSPITAL MEDDENT PTY LTD PHONE: 0011 675 258 275 FAX: 0011 675 320 3716	MODEL: MK 5.25 DUAL CHAMBER LP GAS BURNER	DESTRUCTION OF HOSPITAL WASTE CAPACITY: 30KG/HR (0.5CU/M)
ANGAU MEMORIAL HOSPITAL LAE PNG SMEC PHONE: (064) 520 222 FAX: (064) 520 400	MODEL: MK5 DUAL CHAMBER MANUAL LOADING DIESEL BURNER	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 25-30KG/HR 2 UNITS
JOHN PRICE LOT 131 PRATT LANE NORTH CASINO NSW 2470 FAX: 02 66 635 364	MODEL: MK5 SINGLE CHAMBER LP GAS BURNER	DESTRUCTION OF CHICKEN CARCASSES CAPACITY: 30KG/HR
GOVERNMENT OF PNG NAMATANAI HOSPITAL AGENT: LINK ACCES P/L BRISBANE PHONE: 617 899 1296 FAX: 617 399 1195	MODEL: MK5.5 DUAL CHAMBER MANAL LOADING DIESEL BURNER	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 50KG/HR (0.65CU/M)
STEVEN STANFORD FREDERICK ROAD CANIABA NSW FAX: 02 66 228 202	MODEL: MK5 SINGLE CHAMBER LP GAS BURNER	DESTRUCTION OF CHICKEN CARCASSES CAPACITY: 30KG/HR
BUKA HOSPITAL BOUGAINVILLE PNG SMEC PHONE: (064) 520 222	MODEL: MK5 DUAL CHAMBER MANUAL LOADING DIESEL BURNER	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 25-30 KG/HR

ACE COMBUSTION ENGINEERING PTY LTD
INCINERATOR INSTALLATIONS 2012

SITE	UNIT	USE
RAAF BASE - SCHERGER GUTTERIDGE HASKINS & DAVEY PHONE: 07 32 583 600 FAX: 07 38 324 5292	MODEL: MK5 DUAL CHAMBER MANUAL LOADING GAS BURNER	DESTRUCTION OF PATHOLOGICAL AND DOG WASTE CAPACITY: 25KG/HR
NGANAMPA HEALTH CLINICS FREGON CLINIC AMATA CLINIC PIPALYATJARA CLINIC COX CONSTRUCTIONS PHONE: 08 82 618 033 FAX: 08 82 663 436	3X MODEL MK5 SINGLE CHAMBER MANUAL LOADING GAS BURNERS	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 25KG/HR 3 X UNITS
LIHIR ISLAND - PNG MEDDENT PTY LTD PHONE: 0011 675 258 275 FAX: 0011 675 320 3716	MODELL: MK5 DUAL CHAMBER MANUAL LOADING DIESEL BURNERS	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 25KG/HR
MISIMA ISLAND - PNG LINK ACCESS PTY LTD PHONE: 0011 675 323 5723 FAX: 0011 675 323 5799	MODEL: MK5.5 DUAL CHAMBER LOADING CHUTE DIESEL BURNERS	DESTRUCTION OF BIOLMEDICAL WASTE CAPACITY: 50KG/HR
DEPT OF PRIMARY INDUSTRIES TICK FEVER RESEARCH STATION WACOL BRISBANE PHONE: 07 3271 8155 FAX: 07 3271 3985	MODEL: MK7.5 DUAL CHAMBER PLC CONTROLLED AUTO LOADING CHUTE CONTAMINATED WATER INJECTION HOIST FACILITIES	DESTRUCTION OF PATHOLOGICAL WASTE AND ANIMAL CARCASSES CAPACITY: 150KG/HR
GOVERNMENT OF PNG MANUS ISLAND HOSPITAL AGENT: LINK ACCESS P/L BRISBANE PHONE: 61 7899 1296 FAX: 61 7399 1195	MODEL: MK5.5 DUAL CHAMBER MANUAL LOADING DIESEL BURNERS	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 50KG/HR (.65CU/M)

ACE COMBUSTION ENGINEERING PTY LTD
INCINERATOR INSTALLATIONS 2012

SITE	UNIT	USE
GOVERNMENT OF PNG MADANG HOSPITAL WEWAK HOSPITAL AGENT: LINK ACCESS P/L BRISBANE PHONE: 617 899 1296 FAX: 617 399 1195	MODEL: MK5.5 DUAL CHAMBER PLC CONTROLLED AUTOMATIC LOADING CHUTE DRY SCRUBBER DIESEL BURNERS	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 50KG/HR (.65CU/M)
PLACER (PNG) PTY LTD PORT MORESBY PNG LOCATION: PORGERA GOLD MINE REMOTE AREA OF PNG PHONE: 675 579 500 FAX: 675 579 579	MODEL: MK7A DUAL CHAMBER PLC CONTROLLED AUTOMATIC LOADING CHUTE	THIS UNIT IS USED TO DISPOSE OF WASTE OIL FROM DIESEL POWERED EARTHMOVING EQUIPMENT WATER CONTAMINATION OF OIL IS REMOVED BY CENTRIFUGE BEFORE THE OIL IS FED TO THE INCINERATION SYSTEM WHERE IT IS HEATED PRIOR TO FIRING AND THEN USED AS FUEL TO BURN GENERAL GARBAGE FROM MINING CAMPS CAPACITY: 120KG/HR
ROMA HOSPITAL ROMA QUEENSLAND PHONE: 07 4622 1433 FAX: 07 4622 3830	MODEL: MK 5.5 DUAL CHAMBER PLC CONTROLLED AUTO LOADING CHUTE DRY SCRUBBER GAS BURNERS (NATURAL)	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 50KG/HR (.65CU/M)
MACKAY BASE HOSPITAL MACKAY QUEENSLAND PHONE: 07 4951 5211 FAX: 07 4957 2075 ENGINEER: GRAHAM ANDREWS	MODEL: MK6 DUAL CHAMBER PLC CONTROLLED AUTO LOADING CHUTE DRY SCRUBBER GAS BURNERS (LP)	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 75KG/HR (1.0CU/M)

ACE COMBUSTION ENGINEERING PTY LTD
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SITE	UNIT	USE
KIKORI OIL INVESTMENTS PAPUA NEW GUINEA	MODEL: MK6 WASTE OIL DUAL CHAMBER MANUAL LOAD DIESEL BURNERS	DISPOSAL OF WASTE OIL OIL IS HEATED PRIOR TO FIRING THEN USED AS FUEL TO BURN GENERAL GARBAGE FROM CAMP SITE CAPACITY: 80KG/HR
DG BRIMS & SONS YERONGA BRISBANE PHONE: 07 3848 2439	MODEL: MK8 SINGLE CHAMBER PILOT BURNERS	BURNING OF FINE SAWDUST 24 HOURS/DAY CAPACITY: 80KG/HR
QUEENSLAND TURF CLUB EAGLE FARM RACE COURSE BRISBANE QLD	MODEL: MK7 DUAL CHAMBER AUTOMATIC LOADING CHUTE GAS BURNERS	DESTRUCTION OF RACE- TRACK LITTER AND FOOD PACKAGING CAPACITY: 120KG/HR
ROYAL BRISBANE HOSPITAL QUEENSLAND	MODEL: MK8 AUTOMATIC LOADING CHUTE PLC CONTROLLED GAS BURNERS	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 180KG/HR
DEPT OF PRIMARY INDUSTRIES TOOWOOMBA QUEENSLAND PHONE: 07 4688 120	MODEL: MK7 DUAL CHAMBER MANUAL LOAD GAS BURNERS	DESTRUCTION OF ANIMAL CARCASSES CAPACITY: 120KG/HR
UNIVERSAL TRADE BROKING JAMAICA	MODEL: MK6 (X 3) DUAL CHAMBER MANUAL LOAD DIESEL BURNERS	DESTRUCTION OF QUARANTINE WASTE CAPACITY: 80KG/HR
DEPT OF PRIMARY INDUSTRIES LONGREACH QUEENSLAND	MODEL: MK7 DUAL CHAMBER MANUAL LOAD GAS BURNERS	DESTRUCTION OF ANIMAL CARCASSES CAPACITY: 120KG/HR

ACE COMBUSTION ENGINEERING PTY LTD
INCINERATOR INSTALLATIONS 2012

SITE	UNIT	USE
BAYER BEENLEIGH QUEENSLAND	MODEL: MK 6 DUAL CHAMBER MANUAL LOAD GAS BURNERS	DESTRUCTION OF ANIMAL CARCASSES CAPACITY: 90KG/HR
DEPT OF PRIMARY INDUSTRIES ROCKHAMPTON QUEENSLAND	MODEL: MK7 DUAL CHAMBER MANUAL LOAD DIESEL BURNERS	DESTRUCTION OF ANIMAL CARCASSES CAPACITY: 120KG/HR
DEPT OF PRIMARY INDUSTRIES YEERONGPILLY QUEENSLAND	MODEL: MK8 DUAL CHAMBER AUTOMATIC LOADING CHUTE GAS BURNERS	DESTRUCTION OF ANIMAL CARCASSES CAPACITY: 180KG/HR
TAVEUNI HOSPITAL DOWNER ENGINEERING	MODEL: MK5 SINGLE CHAMBER	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 25KG/HR
QH & M BIRT M/S 422 CLIFTON QLD 4361	MODEL: MK5 SINGLE CHAMBER	DESTRUCTION OF CHICKEN CARCASSES CAPACITY: 25KG/HR
THIESS CONTRACTORS P/L JOB# 1455 AND #1448	NATURAL GAS BURNER COMBUSTION	
WE & SJ TREE	MODEL: MK 4.25 FUME AFTER BURNER	CAPACITY: 20KG/HR
RAYTHEON AUSTRALIA	DUAL CHAMBER	DESTRUCTION OF QUARANTINE WASTE
X-CUT TUNNELLING JOB # 1621	PERLITE FURNACE BURNER	

ACE COMBUSTION ENGINEERING PTY LTD
INCINERATOR INSTALLATIONS 2012

SITE	UNIT	USE
RJ ROBBINS & ASSOCIATES 28 STAPLE STREET SEVENTEEN MILE ROCK QLD 4073	COMBUSTION MANIFOLD	
PALMER TECHNOLOGIES P/L JOB # D1144	ZEPHYR BURNER AND CONTROLS	BREAD CRUMB DRYER
IWANTJA HEALTH CLINIC PUKATJA HEALTH CLINIC MILILI HEALTH CLINIC JOB # 1375	MODEL: MK 5 SINGLE CHAMBER	DESTRUCTION OF BIOMEDICAL WASTE CAPACITY: 25KG/HR
LINK ACCESS PTY LTD NAMATANAI	MODEL: MK 5.5 DUAL CHAMBER	CAPACITY: 50KG/HR
JULIE AND KEVIN STONE	MODEL: MK 5.5 DUAL CHAMBER	PET CREMATOR CAPACITY: 50KG/HR
TOWNSVILLE TRADE WASTE JOB # 1228		
MACKAY PET CREMATORIUM	MODEL: MK 5 DUAL CHAMBER	PET CREMATOR CAPACITY: 30KG/HR
TENIX DEFENCE PTY LTD 1/56 EAGLEVIEW PLACE EAGLE FARM QLD	MODEL: MK2-TYPE 1 LP GAS AUXILIARY BURNER WITH PILOT & FLAME FAILURE SHUT OFF	BASE WASTE
MICROCELL AUST PTY LTD NANANGO PROJECT	COMBUSTION CHAMBER/BURNER ASSEMBLY	
WILLIS ISLAND	MODEL: MK5 SINGLECHAMBER STAINLESS STEEL	ISLAND WASTE FACILITY CAPACITY: 25KG/HR

ACE COMBUSTION ENGINEERING PTY LTD
INCINERATOR INSTALLATIONS 2012

SITE	UNIT	USE
HINCHINBROOK ISLAND RESORT	MODEL: MK5 SINGLE CHAMBER	CHICKEN CARCASS BURNER CAPACITY: 25KG/HR
GLADSTONE CITY COUNCIL DOG POUND JOB# 821	MODEL: MK5.5 DUAL CHAMBER	DESTRUCTION OF ANIMAL CARCASSES CAPACITY: 50KG/HR
GOLDER & ASSOCIATES FUNAFUTI - TUVALU JOB # 1431	DUAL CHAMBER MK 5	WASTE MANAGEMENT PROJECT
GOLD COAST PET CEMETARY & MEMORIAL PARK	MODEL: MK5.5 DUAL CHAMBER	PET CREMATOR CAPACITY: 50KG/HR
GIRVAN ENGINEERING P/L	SERIAL # MK6-1513 REFURBISHED MK6 DUAL CHAMBER	PET CREMATOR CAPACITY: 80KG/HR
CHARLEVILLE HOSPITAL	MODEL: MK5 DUAL CHAMBER DIESEL FIRED	RATED TO BURN ONE GARBAGE AT 20 MINUTE INTERVALS CAPACITY: 25KG/HR
BJ & MR FRAME JOB # 988	MODEL: MK5 DUAL CHAMBER	DESTRUCTION OF CHICKEN CARCASSES CAPACITY: 25KG/HR
INDUSTRIAL BRUSHWARE MELBOURNE	MODEL: MK5.5 DUAL CHAMBER	PET CREMATOR CAPACITY: 50KG/HR
BENA CONSTRUCTIONS PORT MORESBY PAPUA NEW GUINEA	MODEL: MK5 DUAL CHAMBER DIESEL BURNER	CAPACITY: 25KG/HR