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**Cc:** [Nahum Lee](#)  
**Subject:** Notice of Adjustment in Incinerator Size - Lac de Gras/DO-27 Project - MV2011C0005 and W2011C0005  
**Date:** Monday, March 19, 2012 6:51:01 PM  
**Attachments:** [INCINER8 Model A600--Mar2012.pdf](#)

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Greetings, Lindsey, Sarah and Inspectors, This note is to advise that a slightly larger dual-chamber Inciner8 incinerator unit was installed at DO-27 camp, rather than the unit originally identified for each of permits #MV2011C0005 and #W2011C0005. The A600 (sec) unit installed is equally efficient in combustion of gases, the main difference between the two units being that the A600 (sec) has a 33% larger chamber volume ( $0.54\text{m}^3$  vs.  $0.36\text{m}^3$ ), resulting in larger handling capacity for waste, should there be a need to increase the size of the camp population in future. Thank you for the opportunity to provide this update for the respective permit files. Best regards, -- ssp

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# INCINER8

## Model A600 Waste Incinerator

### **Efficient, clean and durable**

#### **Features overview**

- Designed for economical performance.
- Low profile for easy loading and ash removal
- Refractory lined to retain heat for efficiency.
- Available with LP, Natural gas or fuel oil burner
- Optional secondary burner where needed.
- Optional secondary chamber to produce 2 second gas retention time at 850 deg C

#### **Ease of use**

- Auto ignition. No pilots to light. Set the timer and walk away.
- Single burner reduces maintenance cost.
- Built-in skid facilitates placement.

#### **Fuel efficiency**

- Rapid incineration means low fuel consumption.
- Higher burn rate than smaller models.
- Thick refractory lining in main chamber retains heat, increasing efficiency.

#### **Quality built to last**

- Heat resistant aluminized steel.
- Stainless steel stack.
- Backed by years of incineration experience.



**Standard Model A600**



**View of Cleanout Door**

#### **Key Features:**

- Virtually smoke and smell free
- Front cleanout door
- High temperature, refractory lining giving excellent heat retention.
- Very quick heat up times
- High burn rates of up to 50kg per hour
- Easy installation and maintenance.
- One year warranty on whole unit and 2 years parts warranty on burners.
- Full technical backup service

#### **Customer Service**

We pride ourselves on the high level of customer support we provide. We can deliver our units to your door anywhere in the world.

# INCINER8

## Model A600(A)

The Model A600 is the mid size unit that we produce in the range of incinerators burning less than 50kg per hour. It is available in different variations, with the most popular being the UK DEFRA approved Model A600(A), which utilises a secondary chamber providing a gas retention time of 2 seconds at 850 degrees Centigrade and maintains this throughout the burn cycle. This makes the Model A600 (A) version ideal for burning animal carcasses in accordance with the animal-by-product act.

The unit is unique in that it uses a dual fired burner motor rather than two separate burner units, this not only is more efficient but provides low maintenance and fuel costs.

The unit can be preset to burn for the required time and has numerous safety cut off features including a constant running fan.

The burners come with a unique post burn cool down system, which allows for quicker cool down before restocking.

The model A600 is a top loading design which also benefits from the extra large loading door allowing easy access and charging and also the front cleanout door. It also has skids to allow easy handling with a forklift.



*DEFRA Approved Unit A600(A)*

### Specifications

**CHARGING RATE** - Pathological: Up to 290 kg per charge of typical pathological waste . Batch loaded allowing complete burn-out in approximately 6 hours, cool down and ash removal before reloading.

Burn rate: Approximately 45 kg/hr.

Available in Natural gas, LPG, Diesel Oil or Kerosene

### Model A600

Chamber capacity - 290 kg

Chamber volume (approx.) .54 m3

#### **Chamber size (outside)**

Width 91 cm Height 86cm Length 152 cm

Door opening 66 x 76cm

Height to door 84 cm

Height to top of stack 5.4 m

Weight - 1361 Kgs

Suggested slab size (l x w x thick) 2.4 m x 3.0 m x 10cm

#### **STACK**

Stainless Steel Stack height 3.0 m 30.5 diameter, 16 gauge (1.52 mm) stainless steel

#### **GENERAL**

Electrical service Standard—220v, 50 HZ, 10 amp

### Model A600(A)

Chamber capacity - 290 kg

Chamber volume (approx.) .54 m3

#### **Chamber size (outside)**

Width 91 cm Height 86 cm Length 152 cm

Door opening 66 x 76cm

Height to door 84 cm

Height to top of stack 5.4 m

Suggested slab size (l x w x thick) 2.4 m x 3.0 m x 10cm

Secondary Chamber Volume .65 cubic metres

2 second gas retention time at 850 deg. C

Temperature monitor. Dual fired burner available in LPG, natural gas, Diesel or kerosene.

#### **STACK**

Stainless Steel Stack height 3.0 m, 30.5 diameter, 16 gauge (1.52 mm) stainless steel

#### **GENERAL**

Electrical service Standard 220v, 50 HZ, 10 amp

**Dealer**

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