

HCS Industrial Pty Ltd

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HCS

12 February 2019.

Pet Rest
4 Taronga Place
MONA VALE NSW

Attn – Gab Rabeiro

**Re: Destruction of Odour & Smoke emissions – Pet Cremator manufactured by B&L
Cremation Systems**

Gab

The B&L Cremation unit is fitted with a Secondary Chamber, as required by Australian Standards for any cremation retort. The purpose of the Secondary Chamber is to incinerate any combustible matter carrying over from the process (in this case – animal cremation).

The Secondary Chamber operates at 850°C, which is sufficient to eliminate any smoke & odour carry-over from the Primary Chamber (all discharge from the Primary Chamber flows through this Secondary Chamber).

Odour emission from the unit will only occur if smoke is released from the unit. During normal operation, no smoke or odour will be emitted from the unit.

The Pet Cremator is also fitted with an opacity monitor. This is continually monitored during operation. In the unlikely event that any smoke is detected in the exhaust, the Primary Burners will turn off for a set period of time (approx 2 minutes), and extra Secondary air introduced to the Cremation process to assist with this process. If the emission has cleared after this time, the burners will be re-enabled, and the process allowed to continue.

Trusting the above explanation satisfies any queries raised on the operation / emissions of the unit. Please feel free to contact me on the above number should you require any further information.

Regards

Tim Barlow
HCS Industrial Pty Ltd.