

February 21, 2011

Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

To Whom It May Concern:

I am sending you this letter pursuant to a request from Joseph Palaia of the Mars Society. It has come to my attention that the Mars Society currently makes use of a Smart Ash 100 Incinerator with OilAway Attachment at their Flashline Mars Arctic Research Station on Devon Island, Nunavut Canada. Elastec / American Marine is the manufacturer of this system.

The Smart Ash 100 Incinerator is an innovative combustion system that meets US EPA requirements for burning non-hazardous refuse. Simply load a 55 gallon open head steel drum, light the load and clamp on the lid. A whirlwind of fire and intense heat is created inside the drum, burning refuse without smoke or smell. Combustion is complete, leaving 3% ash.

The OilAway Attachment is an accessory for the SmartAsh Incinerator that injects waste oil into the barrel during the burn cycle. This allows the SmartAsh to burn non-hazardous, "wet" loads, ie loads having a moisture content above 15%.

The SmartAsh 100 Incinerator with OilAway Attachment is capable of meeting the Canada-wide Standards for Dioxins and Furans emissions when burning loads with moisture content above 15%, including human solid waste.

More information about the SmartAsh Incinerator is available at our website: <http://www.elastec.com/portableincinerators/smartash/>. Additionally, I have included with this letter testing data which documents the emissions of the SmartAsh system, both with and without the OilAway attachment.

I hope that you find this information useful.

Sincerely,



Jeremy Pretzsch
Incinerator Sales Manager
Elastec/American Marine

Copy Joseph Palaia - Mars Society

Enclosures (2)