

May, 14th 2024

Scott Olson
Olson Funeral and Cremation Service, Ltd.
2811 N MAIN STREET
ROCKFORD, IL 61103

Dear Mr. Olson,

In response to our recent conversation, the following are FAQ's that could arise as it relates to the installation of a cremation system:

Will there be smoke and odor?

Under normal operating conditions there will not be any smoke or odor. Our equipment protects against this by a large internal secondary chamber whereby the products of combustion are re-burned or cleansed prior to their discharge into the environment. It is equipped with a proactive opacity (visual) monitor. The opacity monitor is continuously scanning the existing gases and takes automatic action by turning off the cremation burner if the opacity reaches a level of 10%. For a lack of a better description, this would be similar to smoke wafting from the tip of a cigarette.

Is the equipment environmentally safe?

Yes. Matthews Environmental Solutions currently have over 5,000 installations globally and several units operating within the Caribbean region. The emission levels are well below permissible levels.

Will the facility be operating 24/7?

It will not. It's estimated to be idle or non-operational 66% of the time.

Will it be loud?

It will not. The noise emitted is similar, to an air conditioner running.

Will it decrease property values?

This argument has never been authenticated. Funeral Homes are typically located in residential or light commercially zoned areas as that is where they are to serve their community. Funeral Homes are typically the best maintained property.

Matthews Environmental Solutions

2045 Sprint Boulevard | Apopka, Florida 32703

O: 407-886-5533 | F: 407-886-5990 | www.matthewsenvironmentalsolutions.com

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What about Mercury?

The subject of Mercury arises on occasion. The USEPA defines Mercury as a natural occurring element. The reality is, Mercury from the cremation process is an insignificant source of Mercury emissions. Unfortunately, there is so much inaccurate information on the Internet that some people will believe it to be true.

Sincerely,



HECTOR LA ROSA
ACCOUNT EXECUTIVE
MI, IN, IL, WI, MN



O: 407.886.5533 x 6184 | F: 412-224-4167

hlarosa@matw.com | MatthewsEnvironmentalSolutions.com

2045 Sprint Blvd | Apopka, FL 32703-7762

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