

Summer
2008



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CCABC MEMBERSHIP ELECTS OFFICERS AND BOARD OF DIRECTORS

The CCABC membership elected their 2008-2009 board of directors during its 2008 annual general meeting held April 16, 2008 in Vancouver, British Columbia.

A planning meeting with the board of directors was held in May which included a SWOT (Strengths, Weaknesses, Opportunities, Threats), strategic planning, future workshops, seminars and conferences as well as the appointment of committee members as follows:

John Chasca, President	Executive Committee / Ex-Officio 2009 CCABC Conference Co-Chair
Debbie Sproule, President-elect	Executive Committee Finance Chair 2009 CCABC Conference Co-Chair
Blair Wallin, Vice President	Executive Committee Government Relations Committee – Chair BPCPA CIFSAG Representative
Marcel Bourassa, Director	Member Services Committee Professional Development
Mike Cranswick, Director	Member Services Committee
Jarma Del Rosario, Director	Government Relations Committee Environment and Green
Ron Laturus, Director	Member Services Committee Membership Development
Frank Scaglione, Director	Member Services Committee Supplier Liaison
Dan Weatherby, Director	Member Services Committee Municipal Liaison
Chris Willmot, Director	Member Services Committee Pandemic Preparedness & Disaster Response

Mark Your Calendar With Education Opportunities! See inside for more details!



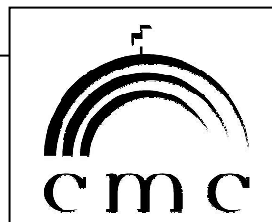
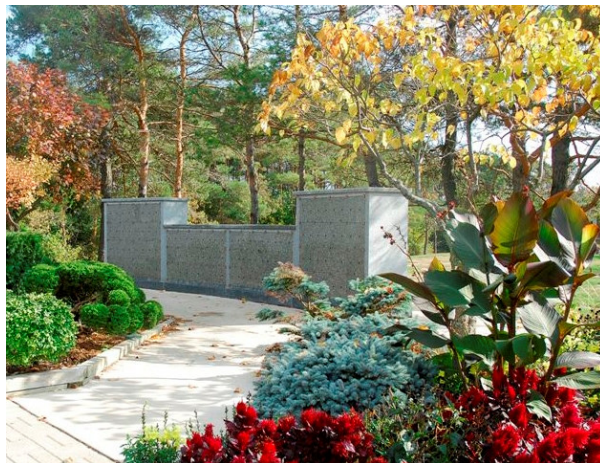
SUPPLIER SPOTLIGHT

Carrier Mausoleum Construction Inc.

In order to meet the growing demand for wider cremation options, **Carrier Mausoleum Construction Inc.** is pleased to introduce its Renaissance Collection. This unique collection is made of an exclusive interior aluminum niche system with granite exterior.

This ingenious composition allows space optimization and easy assembly of the columbaria while also providing theft deterrent aluminum security doors and single shutters that facilitate handling. The Renaissance Collection features a varied range of units that can easily be customized.

For more information, please contact Kr. Ken Holyk, Director of sales – Western Region at
1-800-663-7954 or holyk.k@mausoleum-cmc.com



Monsignor Nunzio Defoe Service Recognition Award



At the 2008 CCABC annual general meeting, longtime CCABC board member Linda Minaker was recognized and received the Monsignor Nunzio Defoe Service Recognition Award. The presentation included the following kind words forwarded by Ron Laturnus, Manager of Valley View Cemetery, Surrey and Past President of the CCABC board of directors.

"I regret not being able to celebrate with all of you today, but only an Arbor meeting could keep me away from being there and sharing this wonderful moment of celebrating Linda's contribution to the CCABC. It is an honour to contribute to this celebration and say a few words about this year's recipient of the Monsignor Nunzio Defoe Service Recognition Award. I'm sure we are all familiar with the many expressions about the "person behind the person." Undoubtedly, the most infamous one is that "behind every successful man is a good woman."

Have you ever gone to a BBQ where the steaks were perfect, the wine was perfectly appropriate, and the side dishes were to die for? Moreover, the deck and table were decorated and appointed like Martha Stewart herself was there? And as the night is winding down, who receives all the accolades and thanks? Without doubt it is the so-called "chief", otherwise known as the steak flipper. No, not the person who picked out and bought the perfect steaks, selected the wine, prepared every wonderful side dish, and (even though her name probably isn't Martha) set the perfect table and decorated the deck. All the praise was given only to the steak flipper who flipped the steak, and even then it was only flipped when he was told to! This analogy speaks volumes about this year's recipient of the Monsignor Nunzio Defoe Service Recognition Award...and interestingly enough, it's named after our beloved and honoured "steak flipper." For over 20 years Linda has been the person behind the 'steak flipper'.

I'm sure that all of us in this room will wholeheartedly agree that Linda, in her own right, has contributed countless hours of dedicated and loyal service to our Association over the years. Nothing has happened without Linda's guiding and helping hand. She has always been the spark plug of our conferences and board meetings, and Linda made being involved a hoot. Where's the fun? It's always where Linda is of course! I know that throughout the years industry professionals and suppliers from across North America have looked forward to visits and time spent with our dear friend Linda. Truly no one person could represent this award better than our own Linda, and so we thank you for your hard work and dedication over the last 20 years. Linda, your passion, zest, wisdom, compassion, humor and service will always be appreciated.

Congratulations Linda Minaker!

**Recipient of the 2008 Monsignor Nunzio Defoe
Service Recognition Award.**

“Greening” Of Cremation In North America

By Paul F. Rahill - Matthews Cremation Division

Global Warming has quickly become a household phrase as familiar to most of us as “googling” and “IM”. Feeling a step behind? Well, **global warming** is the very slow but steady increase in temperature of the earth’s atmosphere. This gentle but growing increase in temperature has been linked by many experts to the melting of the polar ice caps, future extinction of animal species and the loss of viable farming for the poorest of the poor.

Getting the word out on this potential threat and delivering calls to action have been through quite an eclectic group that you would not normally expect; politicians and preachers, environmentalists and economists, celebrities and CEOs, scientists and school kids.

True experts and scientists however, line up on opposing sides of this issue filled with passion and armed with data, one side claiming global warming is man made while the other assures us it is a natural cycle of the earth as old as time itself. A skeptical friend of mine (now gray and wrinkled) smugly informed me that he participated in the first earth day event, over 25 years ago, where they were warning the masses of global cooling and the coming ice age!

When you strip away the politics and posturing, what we are really talking about is taking care of the environment we will pass on to our children and grandchildren using the knowledge, skills and technology we have, all within reason. Care and concern for the environment may seem like the cause du jour but it really isn’t. We can look as far back as the book of Genesis in which it says God placed man in the Garden of Eden to care for it and protect it.

So what does all this have to do with cremation? North American cremation practices have long been considered environmentally friendly as compared to many places around the world. Much of this has to do with North American crematories being located primarily in funeral homes and city centers where there was pressure from a strong need and desire to operate cremation equipment as smoke and odor free as possible. Our sincere desire to be good neighbors actually resulted in us being environmentally friendly at the same time, long before it was as wildly popular as it is today.

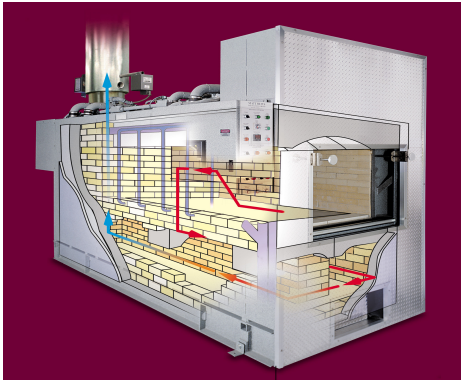
Extensive testing by state, federal and independent agencies has shown time and time again that crematories operate well within the current environmental guidelines. United States Environmental Protection Agency (USEPA) testing even resulted in human and animal cremation equipment being eliminated from the list of industries that were to be covered by new federal environmental regulations in 2005.

That’s all great news, but isn’t there more we can do as an industry? Should we voluntarily improve our “environmental signature” in the communities we serve, raising the bar once again as a proactive industry? Let’s discuss a few ideas and opportunities to do just that and set goals to make a difference in the communities we serve when and where we can.

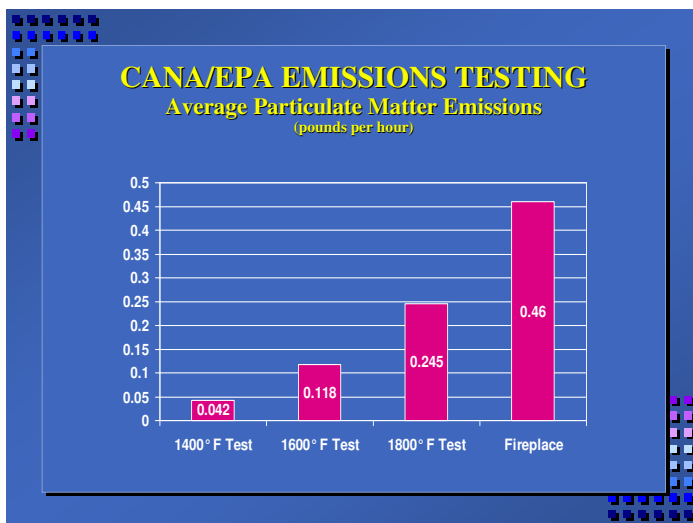
Residence time is the amount of time the emissions from a cremation are held in the secondary chamber (after chamber) of the cremation equipment for the purposes of cleansing them. Many states require cremation equipment to be designed and operated to hold these gases ½ to 1 second which in most cases is more than adequate time. Most new “hot hearth” cremation equipment designs can now provide retention times of 2 seconds or greater, increasing the cleansing action of the cremation equipment which results in lower emissions from the cremation process.

Longer retention times are also helpful when cremating larger bodies and when tasking the cremation equipment to handle more and more cremations in a single day.

It is difficult to add retention time to older or obsolete cremation equipment. There comes a time however when replacing and upgrading is the best course of action we can take.



Temperature of the secondary chamber, both adequate and steady, is critical in the proper operation of cremation equipment. Not enough temperature and there will be unwanted emissions from the exhaust stack, too much temperature and these unwanted emissions increase even more. So what is the “just right” temperature for cremation? Extensive environmental testing conducted jointly by the USEPA and CANA, the Cremation Association of North America, proved to be invaluable in solving this debate amongst environmental professionals.



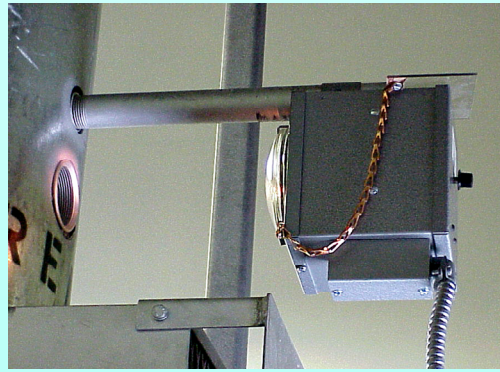
This graph depicting results from over 1300 pages of a USEPA report on crematory environmental operations, shows clearly that 1400f is the ideal temperature. Emissions from cremation equipment increased significantly when the secondary chamber temperature was increased from 1400f to 1600f and then increased again from 1600f to 1800f. Many states and provinces have been slow to adopt the findings of this breakthrough research however and as an industry we will continue to educate, inform and nudge our government leaders to do what is best for all; environment, public and cremation professionals.

Temperature control systems, while standard on most new cremation systems, can be added or adapted to older and existing cremation equipment for reasonable costs which will eventually pay for it in fuel savings.

Opacity controls are optical scanning devices positioned in the cremation equipment exhaust stack to watch what is going up the stack and out to atmosphere. These devices can be configured to take action when they see something we don't want to occur. If they detect visible smoke entering the stack they can sound an audible alarm, turn on a warning light and will even take corrective action adjusting the fuel and air automatically, usually correcting any smoke condition within seconds. While these systems are not exactly new to our industry, their inclusion into cremation equipment designs has been limited to mostly only the more environmentally advanced cremation systems.

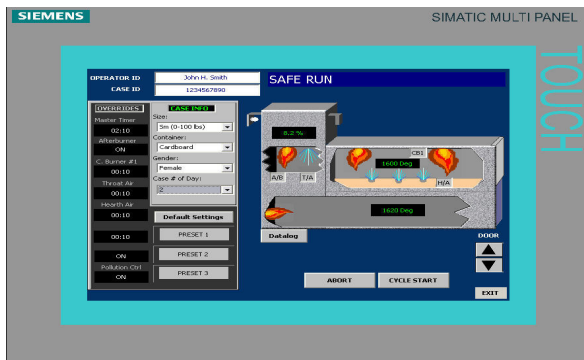
Opacity controls vary in their complexity however basic designs work well for cremation equipment and are relatively easy to adjust, maintain and calibrate. The State of Florida recently adopted the requirement of opacity controls on all new cremation equipment beginning early 2007. More good news is that these systems can be added to most all existing and older designs for reasonable costs to the crematory owners

Newer cremation technology is also beginning to emerge or is at least currently emerging in more affordable designs. This technology can decrease the use of fossil fuels in the combustion system and decrease emissions from the cremation process, both a bonus to our environment.



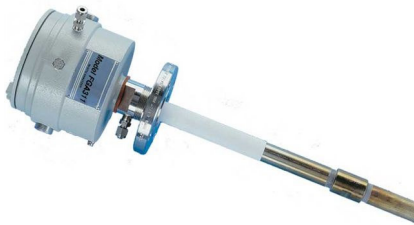
Intuitive Logic Control™ (ILC) is an automated control system that depends less on the knowledge and expertise of the crematory operator and more on the reality of what he is going to cremate at that moment. All of us in the industry know we experience significant variables in the types of cremation containers we receive. Not only do the materials differ widely but the weight can range from 7 pounds to 170 pounds. We receive human remains for cremation ranging from 60 pounds to 600 pounds and those same bodies have varying fat tissue percentages from 4% to 40%. All these variables and others impact the cremation process and the decisions operators are faced with.

Intuitive Logic Control systems only require the operator to answer a few questions and the ILC system calculates the options and sets the parameters based on many automatic inputs and logic programs. This reduces the opportunity for operator error which in turn will reduce the emissions from the cremation equipment, another win-win for everyone involved. ILC systems can be added to most new and existing cremation systems for costs that are well within reason for most North American crematories.



Oxygen control is another available technology while not new has certainly improved in performance and price. Oxygen control systems measure O₂ levels in the exhaust gases at the exit of the secondary chamber of the cremation equipment. Controlling O₂ to optimum levels provides benefits on many levels. First, steady oxygen levels in the combustion process reduce emissions from the cremation equipment by more effectively cleansing them with ideal mixtures of O₂ along with the gases given off in the cremation process. Second, by controlling O₂ more closely to the level required, less fuel is needed to

heat up any excess O₂ in the system. Reducing fuel consumption not only reduces money spent, it also reduces emissions by not burning the fuel which by itself creates unwanted emissions. Thirdly, tighter control of oxygen will impact the time required for cremation, reducing it along with the emissions and fuel consumption. Oxygen control systems are still considered pricey by some crematories but advances in technology and manufacturing have brought it into the realm of possibility for many new and existing crematories.



Stack exhaust filtration is another method of further reducing emissions from cremation equipment, This type of emissions control has not been required in North America for two basic reasons; first, emissions from cremation equipment have been fully evaluated and deemed satisfactory without the addition of external filtration systems. Second, the minimal benefits received from filtration systems in reduced emissions are far outweighed by the purchase price, operating costs and maintenance costs of these types of systems. Typical external filtration systems will cost \$350,000 USD plus the building to house the

system which will be approximately 3 times the footprint required for the cremation equipment itself. However, like all technology, newer, better and more affordable filtration systems are on the horizon. While older filtration system designs resemble industrial power plants in appearance and costs, emerging systems are more compact, installed directly in the stack itself and utilize renewable filters and minimal

energy to cleanse the emissions. This more advanced design saves space, energy and money making them a more likely possibility for those looking to voluntarily “green up” their crematory.

Beliefs and motivations surrounding global warming and the environment will vary amongst those in our industry as will the ability to afford and install the newest and most effective green technology. However, a common goal we can all embrace is to learn as much as we can regarding our industry and the environment, steadily moving towards improving our environmental signature in the communities we serve.

Paul Rahill is the president of Mathews International's Cremation Division and serves as the environmental consultant to the Cremation Association of North America (CANA) and its Board of Directors.



MARK YOUR CALENDAR WITH EDUCATION OPPORTUNITIES!

October 28, 2008 CREMATION EQUIPMENT & OPERATOR TRAINING Valley View Memorial Gardens, Surrey BC

This workshop is not just for those with a crematorium. At the last workshop half of those attending did not physically operate the crematorium equipment but were there to gain a better understanding and consideration of the cremation process. At the end of this workshop you will be more knowledgeable to serve your families better. This year's program has been improved with the addition of BC specific crematorium legislation and regulation content. Later this summer information & registration packages will be on the web site and mailed. Come see why comments such as “Instructor shared their practical experience not just the theory”, “Information was informative, the presenters know their stuff” and “Explanation of equipment was most beneficial, great speaker” were made.

April 2-3, 2009 CCABC ANNUAL GENERAL MEETING & CONFERENCE The Coast Hotel & Convention Centre, Langley BC

Two days of non-stop information for your cemetery or crematorium operation along with the infamous CCABC tradeshow and ample time for networking. Plan on attending the annual general meeting to know how and what your Association is doing.

**What would you like to see/hear at the April CCABC conference?
Send your suggestions to info@ccabc.org today!**

May 2009 CEMETERIANS WHO CARE Cemetery Grounds Maintenance Workshop Vancouver Island & Kootenay area (locations tba)

On the road again. The May 2008 workshop in Prince George had a jam-packed agenda worth repeating. This workshop is planned for Vancouver Island and the Kootenay areas. Look for location details early in 2009. Topics include Cemetery Maintenance Practices, Lowering Device Maintenance, Liability issues, and Liner Vault or Not. This is what was said after the 2008 Prince George workshop; “Great Workshop” and “Hard to improve upon”. Mark your calendars and come see for yourself!

June 3-6, 2009

Provincial & National Conference! Two For The Price Of One!!

Funeral Service Association of Canada & Funeral Service Association of BC Joint National Conference – Grand Okanagan Lakefront Resort, Kelowna

Cemetery, Funeral, Cremation and Memorial Industry – The conference education program combines a comprehensive mix of general sessions with a slate of breakout sessions on cemetery, funeral, and crematorium specific operational issues. An opportunity to learn and share with both local and national delegates, suppliers and speakers! The Exhibitor's Showcase will feature both National supplier booths and a local suppliers village – You won't want to miss this rare opportunity to put yourself a step ahead of the rest!

October 2009

CREMATION EQUIPMENT & OPERATOR TRAINING

Location to be determined - Details in the summer of 2009

SPRING 2008 WORKSHOP UPDATE

The CCABC is living up to its focus on education, information and government relations for all cemetery and crematorium operations. This spring the CCABC took two workshops on the road. The Cemetery Office Workshop was held in Surrey, Courtenay, Dawson Creek, Cranbrook, and Kamloops, and the Grounds Maintenance Workshop was held in Prince George. Over 115 people representing 71 different cemetery companies were in attendance.

The workshops tackled issues such as provincial Legislation & Regulations, Internal Communication, A guide to Cemetery Bylaws & Regulations, Cemetery Forms, Today's Cemetery Customer, Cemetery Liabilities, Grounds Maintenance Practices, Cemetery Revenue Opportunities, Lowering Device Maintenance, and Liner Vault or Not. No matter what your role in the cemetery operation there was a topic that hit your area.

What was said:

"I enjoyed the workshop tremendously and will be making some changes soon. The information exchange was priceless, and is also service to show how lucky our organization is in some ways."

What was said:

"1st cemetery workshop I've attended – great people, info, handouts and all ideas, and great for networking."

"As a funeral director it gave me insight into the concerns of my cemetery colleagues."

Thanks to the following for their contribution and support. These workshops wouldn't have been such a success without their contribution.

- ★ All those that attended
- ★ Comox Valley Funeral Home
- ★ Reynars Funeral Chapel
- ★ McPherson's Funeral Services
- ★ City of Prince George
- ★ Vancouver Casket
- ★ BPCPA staff

What was said:

"Hard to improve on this workshop, I learned something from every session."

"Most informative seminar I've ever attended on the subject."

To all cemeteries and crematoriums out there....you are not alone! The CCABC is here to help. Every cemetery, regardless of ownership or size, complies with the same legislation and regulations. We are all part of a caring group of people who come to each other's aid and share information. If you have questions send an email to info@ccabc.org and the CCABC will get you an answer or point you in the right direction. Not a member yet?

Apply at www.ccabc.org. The CCABC is one of the most economical industry associations to belong to. The membership fee is based on number of interments and you'll be surprised by the 'bang for the buck' you get.