

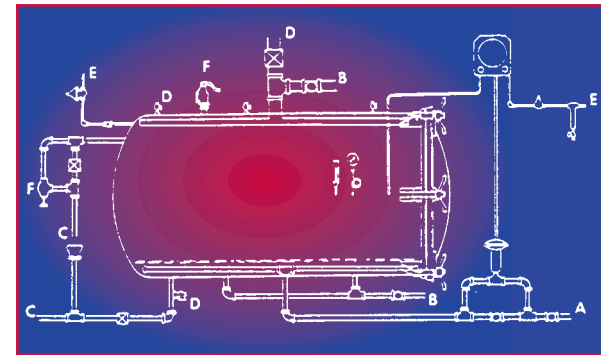
# Thermal Process Development Workshop



**Aug. 31–Sept. 2, 2009**

**GMA Headquarters, Washington, DC**

Attendees will spend three days examining in detail the design of thermal processes for retorted products to improve skills and understanding of basic thermal process establishment and evaluation techniques; identify critical decision-making steps essential to thermal process establish-



ment; study different methods of process calculation; and review the basic principles of thermal system operation. Different system approaches will be discussed and hands-on exercises and activities employed to provide a foundation for process decisions.

## Topics Will Include:

- Retort Operating Procedures
- Process Schedule Establishment
- Critical Factor Identification
- Process Establishment Case Studies
- Heat Penetration Test Design
- Practical Thermobacteriology
- Heat Penetration Data Collection and Analysis
- General Method and Ball Formula Calculation Methods



## GROCERY MANUFACTURERS ASSOCIATION

1350 I Street, NW :: Suite 300 :: Washington, DC 20005  
ph 202-639-5900 :: fx 202-639-5932 :: [www.gmaonline.org](http://www.gmaonline.org)



## Who Should Attend:

Personnel working in the following canning disciplines:

- Thermal processing
- Quality control/assurance
- Product development
- Process engineering
- Pilot plant operation
- Inspection or auditing

## Hotel Reservations

GMA has negotiated discounted room rates that are made available exclusively to GMA visitors who are traveling to Washington, DC and require hotel accommodations. Please refer to the attached document, **Flyer\_HotelsDC\_09.pdf**. More travel information is available on GMA's website; please visit [www.gmaonline.org](http://www.gmaonline.org) and click on "Visitors Info."

### Airport Information:

The airport closest and most convenient to GMA is **Ronald Reagan Washington National Airport (DCA)**. If flying into DCA Airport, the best ground transportation routes would be utilizing Washington's Metro system or taxi.

Alternate airport options would be **The Baltimore Washington International Airport (BWI)** or **Washington Dulles International Airport (IAD)**.

## For Conference Registration / Information

### Registration Information:

Melodi Jenkins :: 202-639-5928 :: [mjenkins@gmaonline.org](mailto:mjenkins@gmaonline.org)

### Workshop Information or Questions:

Glenn Black :: 202-637-8054 :: [gblack@gmaonline.org](mailto:gblack@gmaonline.org)

All attendees will receive the workshop notebook and handout materials as well as a certificate of participation.

**SPACE IS LIMITED TO 25 ATTENDEES—**

**EARLY REGISTRATION IS STRONGLY ADVISED**



Attendee Name: \_\_\_\_\_

Badge Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Company Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: \_\_\_\_\_ FAX: \_\_\_\_\_

E-mail: \_\_\_\_\_

### Cancellation & Refund Policy

Registration fees, minus a \$50 administrative fee, will be refunded if we receive notification of your cancellation 15 days prior to the start of the workshop. No refunds will be made after that date; however, substitutions may be made at any time. The course may be cancelled if we do not receive sufficient registrations 15 days prior to the start of the workshop. In the event that the course is cancelled, GMA will refund registration fees, but will not be held responsible for any airfare, hotel, or other related costs incurred by registrants.

*Please check the appropriate box.*

### Individual registrants

- GMA Member (\$1,395)       Non-Member (\$1,795)  
 Government/University (\$1,395)

### Method of Payment

*(Payment must accompany registration form. Faxed registration forms will be accepted only when credit card payment information is provided.)*

- Check (payable to "Grocery Manufacturers Association")  
 Please charge \$ \_\_\_\_\_ to my credit card.  
 AmEx     MasterCard     Visa

Name as it appears on credit card: \_\_\_\_\_

Credit Card #: \_\_\_\_\_

Exp. Date: \_\_\_\_\_ Security Code: \_\_\_\_\_ Signature: \_\_\_\_\_

Credit Card Billing Address: \_\_\_\_\_

*Please mail or fax your completed registration form to:*

Melodi Jenkins, GMA

1350 I Street, NW, Suite 300, Washington, DC 20005

Phone: 202-639-5928 :: Fax: 202-639-5902 :: Email: [mjenkins@gmaonline.org](mailto:mjenkins@gmaonline.org)