



IHMM

**August
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Bulletin

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Institute of Hazardous

Materials Management

First Credentials Awarded to CHMP Candidates

The pilot testing phase of the new Certified Hazardous Materials Practitioner (CHMP) credential has been completed, and the first credentials have been awarded to:

Stephen Bekanich
Ryan Blackburn
Michael Blessitt
James Joseph Dorety
Albert Fisher
Christopher Fulmer
David Hall
James King
Brenda Mahan
Stephen Pichler
David Rice
Kenneth Rost
William Tomlinson
George Vassallo
Edward Ward

Congratulations to these 15 CHMPs!

IHMM introduced the Certified Hazardous Materials Practitioner (CHMP) credential in October 2007 to give front-line hazmat workers a means of obtaining professional recognition for their knowledge and skills. Among other benefits, the CHMP credential increases workers' visibility to employers who need their expertise. To qualify, candidates must have five years of relevant experience, or an Associate of Applied Science degree and three years of relevant experience.

Candidates must pass a multiple-choice exam which focuses on hazardous materials identification, handling, and shipping; emergency planning and response; sampling and analysis; site investigation and remediation; and project management.

IHMM encourages all our certificants to pass this information along to colleagues who might be interested in becoming CHMP candidates. For more information, visit our website at www.ihmm.org, or contact us at chmp-info@ihmm.org.

Recertification Cycles Being Adjusted

Until this year, every CHMM certificate had an expiration date of December 31 (plus the appropriate year). But as the population of IHMM certificants grows, it is becoming increasingly difficult to process all the expirations at the same time every year.

To alleviate this problem, IHMM is modifying the recertification cycles for all CHMMs to correspond to the month in which each person was originally certified. Those who recertify over the next few years will see this reflected in the expiration dates on their new CHMM certificates.

Example: Someone who was originally certified in November of 2002 must recertify by the end of 2008, covering the 5-year cycle January 1, 2003 through December 31, 2007. When the recertification is approved, he will receive a new certificate that expires on November 30, 2012. His next submission will cover the 5-year cycle of November 30, 2007 through November 30, 2012.

Accounting for slight overlaps or short gaps between the previous cycle and the new one

will be explained in the letter accompanying the new certificate. (Everyone certified in 2008 is already on the anniversary date cycle.)

Recertification Standards Clarified

IHMM is preparing to submit an application to ANSI for accreditation under ISO standard 17024 for Personnel Certification Programs. This process necessitated a thorough review of the recertification standards required of all CHMMs. A basic ISO requirement for standard 17024 states that qualifying activities for recertification must be directly related to the competency requirements of the credential as outlined in the examination blueprint.

A panel was convened, consisting of two members of the IHMM Board of Directors, two Recertification Peer Reviewers, the Chair of the CHMM Examination Committee, an advisor on the ANSI standards, and IHMM's Executive Director, Assistant Executive Director, and Recertification Coordinator. They developed a draft which clarified and simplified the recertification process, and circulated it for comment to all 51 of the CHMMs who serve as

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Recertification Cycles Being Adjusted *(Continued from page 1)*

Recertification Peer Reviewers. CHMMs and Peer Reviewers alike will be delighted to hear that the new standard eliminates most of the fractional point calculations, by using a scale of 200 CMPs per cycle, rather than 17.

The final document, which will become effective for recertification credits earned in 2009 and thereafter, is summarized below. The complete standard will be posted and published shortly.

Certification Maintenance Points (CMPs) shall be earned over the five-year period by engaging in qualifying activities related to the competency areas of the CHMM credential as found in the Table of Specifications for the CHMM Examination (Blueprint). These areas are:

- A. Recognize, identify and characterize hazards of materials
- B. Assess risks related to hazardous materials
- C. Manage resources so as to eliminate or mitigate hazards of materials
- D. Manage impacts of hazardous materials on the environment
- E. Manage impacts of hazardous materials on human health
- F. Ensure regulatory compliance
- G. General management practices and business skills
(This is a new configuration for the CHMM Blueprint, which is also a result of the ANSI/ISO accreditation process.)

Recertification credit shall be represented and tracked by CMPs.

- A. Each submission must demonstrate a total of at least 200 CMPs for the 5-year cycle.
- B. Each submission may demonstrate up to 100 CMPs for Active Practice (employment).
- C. Each submission must demonstrate at least 100 CMPs for Professional Development.
- D. All CMPs claimed must have been earned during the current cycle.

Evidence of a satisfactory combination of continued active practice and professional development shall be submitted to IHMM according to a schedule published by IHMM (see examples below).

- A. The submission due date shall be based on the individual's certification date.
- B. Meeting the submission date is the CHMM's responsibility and will be strictly enforced. (A reminder will be sent to the address IHMM has on record (email and/or postal). It is the CHMM's responsibility to ensure that IHMM has updated contact information.)
- C. In the event an individual has been on Inactive Status for any period since the initial certification or last recertification date, his or her cycle shall be adjusted to allow for the period of inactivity.

Recertification Schedule for CHMMs Certified or Recertified 2002-2007

Year certified or recertified	Earn CMPs during these years	Submit during this year
2002	2003-2007	2008
2003	2004-2008	2009
2004	2005-2009	2010
2005	2006-2010	2011
2006	2007-2011	2012
2007	2008-2012	2013

Recertification Review Process

Audit Reviews

- A. Beginning in January 2009, a percentage of the recertification submissions will require full documentation of the CMP credit claimed on the Recertification Assessment Form. Those chosen for a full document verification review will be selected at random by IHMM.
- B. Those submissions that are not selected for a full documentation review will be evaluated on the basis of the Recertification Assessment Form. The form must be completed, signed, and dated, attesting to the truthfulness and accuracy of the information presented.
- C. Each CHMM recertifying must submit a newly signed Code of Ethics.
- D. Any CMP claim may be challenged during the review process. Accordingly, only those CMP claims that can be properly documented upon request should be entered on the form.

Certificants who are unable to meet the recertification requirements by obtaining sufficient CMPs may elect to take the certification examination in lieu of submitting recertification documentation.

- A. The individual will be charged the standard examination fees.
- B. This option may be exercised only during the final year of the 5-year cycle.

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Recertification Schedule for CHMMs Certified or Recertified 2008 and Thereafter

Year certified or recertified	5-year Recertification Cycle	Recertification Submission Due
Beginning January 1, 2008	The 5-year cycle begins on the actual date of initial certification or most recent recertification.	The submission is due by the 5-year anniversary of certification or last recertification.

Recertification Cycles Being Adjusted (Continued from page 2)

- C. If the 5-year cycle has already ended before such arrangements are made, the individual shall be treated as a new applicant and must meet whatever requirements are then in effect.

Qualifying Activities for CHMM Recertification

Active Professional Practice (Employment)

- A. IHMM recognizes that certificants apply their specialized knowledge and skills in performing their jobs on a daily basis, and that certified individuals are engaged in continuous learning on the job. In recognition of this value of employment in the field, certified individuals may qualify for up to 50% of their recertification points through Active Professional Practice: as an employee or professional consultant whose responsibilities directly relate to hazardous materials management, its laws, regulations, technology and related areas; or as a faculty member or trainer who provides instruction in hazardous materials management, its laws, regulations, technology, and related areas.
- B. Credit Value: The maximum amount of credit that may be claimed for active practice is 20 CMPs per year (100 for the 5-year cycle). Part-time and temporary work may be prorated.
- C. When employment does not yield the full value of 100 CMPs for the 5-year cycle, enough CMP credit must be earned through professional development activities so that the overall total meets the 200 CMP minimum for recertification.

Professional Development Activities

- A. A minimum of 100 points (an average of 20 per year) must be earned in this category per 5-year cycle.
- B. All qualifying activities must pertain in some way to one or

more topics listed in the CHMM blueprint.

- C. Qualifying activities fall within these major categories: *Training & Learning Activities, Technical & Resource Development Activities, Service to the Profession and the Community, and Professional Accomplishments*. Descriptive lists of activities and credits will be published.

Activities that Will Not Qualify as Professional Development

- Dues-paying membership in an association, chapter, or other organization
- Attending business meetings without professional development content
- Activities that do not advance one's knowledge or competency in the certification field
- Activities that do not pertain to the scope of the certification
- Activities that are not adequately described, validated, or documented
- Activities that were engaged in outside the 5-year recertification cycle
- Repeated activities that require no new challenges, knowledge, skills, or capabilities

- Unrelated volunteer activities, such as running a Boy Scout Troop
- Activities that are considered "double counting" (i.e., claiming credit for the same activity under different categories).

The following activities were recognized under previous recertification guidelines and may be claimed only when participation occurred before the effective date of these new guidelines [January 1, 2009]. They will not be credited if they occurred on or after that date:

- Proctoring services for the CHMM examination
- Attendance at meetings of professional associations without verifiable professional development content
- Serving as an officer, director, or committee member of an association, chapter, or other membership organization
- Serving as an officer or director of IHMM
- Serving on an IHMM committee (other than an Examination Committee)

IHMM Grant Winners to Present at ACHMM Conference

Yiannis A. Levendis and **Pei C. Chiu**, winners of IHMM research grants in 2007, will present updates on their research in sessions at the ACHMM annual conference in Minneapolis, Minnesota, on Monday, September 8, 2008.

Dr. Levendis, Distinguished Professor of Mechanical and Industrial Engineering at Northeastern University in Boston, will discuss his work on "Emergency Fire Extinction by Direct Application of Liquid Nitrogen" during the 10:15 AM session.



Dr. Chiu, Associate Professor of Civil and Environmental Engineering at the University of Delaware, will discuss his research on "Synergic Treatment of Hazardous Chemicals Using Zero-Valent Iron and Graphite" during the 2:30 PM session.



We hope you will attend these sessions to hear about emerging technologies in hazardous materials management. And we look forward to seeing you at the IHMM Reception on Sunday evening, September 7!



INSTITUTE OF HAZARDOUS MATERIALS MANAGEMENT
Attn: Nominating Committee
11900 Parklawn Drive | Suite 450 | Rockville, MD 20852
301-984-8969 | FAX: 301-984-1516

NOMINATION FOR IHMM DIRECTOR ELECTIONS 2008

I nominate the following individual for CHMM Director Public Member Director

Name of Nominee: _____

Nominee's Email: _____ Daytime Phone: _____

Nominee's Position Title: _____

Employer and Work Address: _____

Describe the reasons you think the nominee would make a good IHMM Board Member. Include anything that highlights the individual's qualifications, such as service on standards committees, volunteer service or leadership positions in other organizations, etc. (Attach additional sheets if needed.)

Nominator's Signature: _____ Date: _____

Please *Print* Name: _____ CHMM # _____

Email address: _____ Daytime Phone: _____

For Office Use Only

Candidate Packet: _____	Date sent: _____	If CHMM: ID # _____	Cert Date: _____
<input type="checkbox"/> Decline	<input type="checkbox"/> Accept- Bio rec'd: _____	Recert status: _____	Fee status: _____

Open Call for Nominations to the IHMM Board of Directors

IHMM will be holding open elections this fall for two Directors on the IHMM Board. Robert A. West, CHMM, is the Chairman of the Nominating Committee who will oversee the naming of candidates for these positions. You are invited to submit nominations to the Committee for consideration (see form on page 4).

Directors serve four-year terms, with a two-term limit. This year, we are seeking nominations for the two following positions:

- CHMM Director
(incumbent Elizabeth Pfeiffer)
- Public Member
(incumbent Stephen Jones)

Candidates for the CHMM Director position must have been certified by IHMM for at least three (3) years and be in good standing. To be in good standing, the CHMM must: be current in recertification status; have a signed Code of Ethics on file with IHMM Executive Office; not be under investigation for any suspected violation of his or her Code of Ethics; and be current in payment of all Institute fees.

Candidates for the Public Member Director position should represent the corporate, academic, legal or regulatory community served by IHMM's constituency. Individuals certified by IHMM are not eligible for the Public Member position.

In addition, a candidate for the IHMM Board must **NOT** be:

- (1) currently serving as an officer or board member of any other certification organization or of any national or international environmental, health, safety, transportation, and/or homeland security membership organization; or
- (2) involved in activities that train or prepare candidates for any IHMM examination, unless he or she is willing to cease such activities for the duration of service on the Board and for a suitable period of time thereafter.

It is IHMM's intent to achieve a balance of representation on the Board among the various disciplines and sectors covered by our credentialing programs (environment,

public health and safety, transportation, and security disciplines; academia; public and private sector employment).

The Board has ultimate authority and responsibility for all policies related to granting, maintaining, suspending, withdrawing, and changing the scope of the certifications issued by IHMM.

When considering nominations, the Committee will be looking for potential Directors who will understand and accept their fiduciary responsibility to IHMM, the Board itself, certificants, and

the public. Directors' responsibilities in governing a credentialing organization extend beyond protecting the assets entrusted to them. They include ensuring the administration of credible certification programs, exercising due diligence to uphold the integrity of those programs, and protecting the intellectual property and reputation of the organization.

Please fill out the form on page 4 and fax or mail it to the Nominating Committee, c/o the IHMM Office. Or you may scan it into a PDF and email it to: nominations@ihmm.org. (Photocopy the form if you have more than one nominee. This form is also available on our website at www.ihmm.org/dspForms.cfm.) Self-nomination is permitted.

IHMM Research Grant Winner Heads Company that Commercialized His Research

Barry Jones received the prestigious graduate student research grant from the Institute of Hazardous Materials Management in 2005 for a proposal entitled "Specifically Activated Zeolites as Decontamination Agents." The objective of this project was to develop materials capable of neutralizing specific chemical contaminants that exist as liquid spills or aerosolized releases.

The research, conducted under the mentorship of Dr. David C. Doetschman in his laboratory at the State University of New York at Binghamton, showed degradation of many chemicals when adsorbed by the treated and untreated forms of a mineral known as faujasite zeolite (NaX), a safe, non-toxic, light, inexpensive, naturally occurring mineral which can also be synthesized. This pioneering work suggested that development of a "deactosorbent" based on NaX zeolite was promising. Such development would have a great impact on the safety, effectiveness, and cost of spill response, hazardous waste management, and chemical agent defense. Barry presented the research findings at the 2006 ACHMM National Conference, and the results were well-received. He graduated from Binghamton University in 2006 with a Doctorate in Materials Chemistry.

Soon after completion of the research sponsored by IHMM, Dr. Doetschman founded

Sensor & Decontamination, Inc. to perform applied research geared toward commercial development of the decontaminating materials studied in his lab. His efforts indicated that the deactosorbent could adsorb flammable liquids so strongly as to virtually eliminate the flammability hazard of the adsorbed material. This discovery, together with some technical innovations that further reduce the hazards of flammable spill residues, led to a product line called Petrozorb™.

Barry's experience with this research, enhanced by his service on the Binghamton Emergency Response Team, gave him a clear perspective of what spill cleanup resources are available to hazmat responders and how they could be improved. Thus he remained involved in the venture, and has since taken on the role of CEO and Chairman of the Board of Sensor & Decontamination, Inc. Dr. Doetschman remains as a consultant to the company.

Both Barry and Dr. Doetschman deeply appreciate the support provided by IHMM for this very successful research project. Dr. Doetschman will give a technical presentation about the ability of sorbents to eliminate flammability of hazardous vapors at the ACHMM annual conference in Minneapolis, Minnesota, on September 8, 2008.



**INSTITUTE OF HAZARDOUS
MATERIALS MANAGEMENT**

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Please Send Us Your Email Address

(and other updates)

IHMM has a new database system that will enable you to log in and check your own records. It will also send you notices about your status automatically. But before we can implement this feature, we need your email address. Please send a message to ksmith@ihmm.org (or use the online form at www.ihmm.org/frmUpdateInfo.cfm) to provide us with your current email address(es) and any recent changes in your contact information (home address, job title, business address, phone numbers). Thank you!

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