

Certified Hazardous Materials Manager (CHMM)

The IHMM examination, a major part of the certification process

Computer-based testing for the CHMM credential is available through IHMM at approximately 200 locations throughout the U.S. during the last two weeks of odd-numbered months.

A Certification Opportunity for Environmental Decision-Makers!

By earning the CHMM credential, you join together with a community of over 15,000 of your peers who have demonstrated their personal commitment to professional excellence, and protecting the environment and the public's health and safety. Earning the recognition as a CHMM provides acknowledgment of your demonstrated **high level of knowledge, expertise, and excellence** in the management of hazardous materials. If you deal with hazardous or potentially hazardous materials in any capacity--hands-on or otherwise--a professional credential can help you gain the recognition and credibility that you deserve

Alliance of Hazardous Materials Professionals (AHMP)

The Alliance of Hazardous Materials Professionals™ (AHMP), formerly the Academy of Certified Hazardous Materials Managers, Inc. (ACHMM) is a professional association with a membership of more than 4,000 of the nation's leading experts in environmental, health, safety and security management. AHMP is the only national organization devoted to the professional advancement of the hazardous materials management field.

AHMP members are distributed across 56 chapters in 37 states plus the District of Columbia. In 2006, AHMP established its first international chapter in Bangalore, India.

The ACHMM - North Star Chapter, centered in the Minneapolis/St. Paul area, serves members from Minnesota and adjacent provinces and states including western Wisconsin.

Institute of Hazardous Materials Management (IHMM)

IHMM is an independent accredited certifying organization offering a nationally recognized certification to hazardous materials managers who complete specific education and experience requirements and pass the CHMM Examination.

IHMM was founded as a non-profit corporation in 1984. The Institute has two principal objectives:

- Provide credentials to professionals engaged in the management and engineering control of hazardous materials who have attained the required level of education, experience and competence.
- Provide government, industry and academia with a mechanism for identifying hazardous materials management professionals who have fulfilled the requirements for certification.

Although a close relationship exists between IHMM and the AHMP, IHMM is a completely separate and distinct organization from the Alliance. This separation helps maintain the distinction between the education mission of the AHMP, and the testing and certifying mission of IHMM.

2010 CHMM Certification Exam Dates in Minnesota

Computer-based testing for the CHMM credential is available through IHMM at approximately 200 locations throughout the U.S. during the last two weeks of odd-numbered months. Contact IHMM or visit <http://www.ihmm.org/dspExamSchedule.cfm> for further information.

Questions? Visit <http://www.ahmp.org> or <http://www.ihmm.org>

Important IHMM Examination Application Information

IHMM Application Filing: Candidates must submit an application to the IHMM at least six weeks prior to the examination. The IHMM determines whether an applicant is qualified to "sit" for the examination, and will so notify candidates. For IHMM exam application forms, write or call:

Institute of Hazardous Matls Mgmt
11900 Parklawn Drive, Suite 450
Rockville, MD 20852
(301) 984-8969
<http://www.ihmm.org>

IHMM Fees: An application fee of **\$100** and an examination fee of **\$250** must be included with the application when submitted to the IHMM.

(Scholarship grant may be available from the North Star Chapter.)

North Star Chapter – ACHMM CHMM Overview Workshop Faculty

The faculty for this Overview Workshop is practicing professionals in the field of hazardous materials management. Workshop faculty work in business, industry and government agencies. Many are CHMM certified.

Disclaimer: CHMM Overview workshop faculty is subject matter experts in their field, but do not know what specific questions will make up the IHMM exam. The CHMM workshop is a general overview of subject matter addressed by the IHMM exam, but the IHMM exam tests the understanding of an examinee in greater detail than can be covered in any 3-day overview course.

Regulatory / CHMM Overview Workshop

Update your knowledge of regulations and the management of hazardous materials and review for the CHMM certification examination with the Overview Workshop of March 17 - March 19, 2010 in Bloomington, MN.

Course Content

Welcome

- Kim Blomker
Leggette, Brashears & Graham, Inc.
President, North Star Chapter

Course Introduction

- Course purpose and structure
- Resources: access to information

Federal Statutes Overview

- A brief history
- Perspective
- Fit the pieces together

Liability and Compliance

- Laws & jurisdictions
- Types of torts
- Negligence

Clean Water Act

- Goals & objectives
- Wastewater standards & enforcement
- Oil spill control
- Storm water management

Clean Air Act

- New source review standards
- National emission standards for hazardous air pollutants
- Non-attainment areas
- Risk Management Plans (RMP)

Toxic Substances Control Act (TSCA)

- Pre-Manufacturing Notice (PMN)
- Significant New Use Rule
- Cradle to grave responsibility

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

- Reportable quantities
- Notifications
- National Contingency Plan
- Superfund Amendments and Reauthorization Act
- Who is responsible and who pays
- De-listing

Community Right-to-Know (SARA Title III - EPCRA)

- Community Emergency Planning
- Threshold quantities, EHS
- Toxic Release Inventory reports

Chemistry of Hazardous Materials

- Importance of basic knowledge
- Physical and chemical properties
- Nomenclature & properties of organic compounds

Toxicology

- Dose response
- Measures of effects
- Exposure assumptions

Geology

- Geology basics
- Hydrogeology
- Groundwater contaminant flow
- Monitoring wells

Radiation Principles for Hazardous Materials Managers

- Alpha, Beta & Gamma Radiation
- Units of measure
- Transportation
- Means of protection

Asbestos

- Types of Asbestos
- Health effects
- Regulatory requirements

Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)

- Types of products included
- Applicator certification
- Worker protection rules

Hazardous Materials Transportation

- DOT regulations
- Hazardous materials versus hazardous waste
- Hazard classifications
- Container requirements

OSHA

- General Safety
- HAZWOPER
- Hazard communication
- Process safety

Accident Scenario

- Sample incident
- Incident Command System
- Roles of responders
- Proper preparation

Environmental Management Systems

- History of EMS
- ISO-14001 Standard
- Application to OSHA & HazMat

Environmental Considerations in Real Estate/ Due Diligence Assessments

- Phase I assessments
- Phase II investigations
- Voluntary cleanup letters of assurance

Underground Storage Tanks

- Leak prevention
- Detection of leaks
- Response
- Petroleum and hazardous substances vs. hazardous waste

Resource Conservation & Recovery Act (RCRA)

- Regulated hazardous waste
- Generators & transporters
- Permitted treatment, storage & disposal facilities

Waste Analysis

- Waste stream identification
- Sampling methods
- The TCLP analysis
- Waste analysis plans for TSDs

Hazardous Waste Treatment Technologies

- Physical methods, chemical methods & biological methods
- Evaluation and selection

Waste Reduction/Minimization and Pollution Prevention

- Regulations that apply
- Definitions
- Best Practices

Compliance Audits

- Auditing processes
- Auditor qualifications
- Liability management
- Best practices

Motivation of Employees with Respect to Environmental Matters

- Defining motivation & Incentives
- Practical tools & methods

CHMM Code of Ethics

- What it covers
- How it applies to you

Closing Remarks, Certificates of Attendance

Application Requirements for the CHMM Examination

The IHMM reviews applications to take the Examination.

All candidates for CHMM certification must have a baccalaureate degree (or higher) from an accredited college or university, plus at least 3 years of appropriate experience in the field of hazardous materials management.

In addition, they must pass a rigorous multiple-choice [examination](#) developed by the IHMM which tests a candidate's ability to:

- I. Recognize, Identify and Characterize Hazards of Materials
- II. Assess Risks Related to Hazardous Materials
- III. Mitigate and/or Eliminate Hazards of Materials
- IV. Manage Impacts of Hazardous Materials on the Environment

- V. Manage Impacts of Hazardous Materials on Human Health
- VI. Ensure Regulatory Compliance
- VII. General Management of Hazardous Materials, and Business Skills

Once the candidate has successfully completed these requirements, he/she must pledge to maintain the highest standards of integrity through the CHMM [Code of Ethics](#), and must demonstrate continued competence by undergoing [recertification](#) every five years.

General Information

Overview Workshop Enrollment:

Mail workshop registration form and \$545.00 (before March 3rd) workshop fee to:

c/o Jerry Wallerius
Braun Intertec
11001 Hampshire Avenue South
Bloomington, MN 55438

Late Fees

Course fee will be \$595 for students who apply for the course after March 3rd, 2010.

Additional information:

E-mail

jwallerius@braunintertec.com

Workshop Fee Covers:

- Newly revised "2nd Edition of ACHMM Hazardous Materials Management Desk Reference"
- Course manual / notebook with handouts
- Lunch and continental breakfast
- Snacks & beverages at breaks

Cancellation:

No refunds after March 3rd, 2010. Substitutes are accepted. Cancellations received on or before March 3rd will be refunded \$250 and will receive a copy of the reference book.

Overview Workshop Location:

Donaldson Company

2001 West 94th Street
Bloomington, MN 55431

Accommodation:

Lodging located near the course site in Bloomington:

Holiday Inn- Intl Arp. & Mall of America
(952) 894-9000

Hampton Inn
(952) 835-7217

Marriott
(952) 854-7441

Hilton
(952) 893-9500

CHMM Overview Workshop for the IHMM Examination

The Regulatory / CHMM Overview Workshop provides a comprehensive overview of the major topics and concerns in hazardous materials management. It is but one element in preparing to take the IHMM Exam. Previous knowledge, experience, and a thorough reading of the Academy's newly revised 2nd Edition Hazardous Materials Management Desk Reference Book are equally important factors. In addition, many environmental professionals take the Regulatory / CHMM Overview Workshop to enhance their breadth of competence in their professions and/or to get up-to-date.

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The North Star Chapter of the Academy of Certified Hazardous Materials Managers presents this CHMM Overview Workshop.

Regulatory / CHMM Overview Workshop March 17 through March 19, 2010

Registration:

Name: _____

Title: _____

Employer: _____

Address: _____

City/State/Zip: _____

Work Phone: (____) _____ Home Phone: (____) _____

FAX (____) _____ e-mail: _____

Payment Method:

Check for \$545.00 (or \$595 after March 3rd, 2010) payable to North Star Chapter, ACHMM)

PayPal – see <http://www.achmm-nsc.org/>

Mail to:

North Star Chapter, ACHMM

c/o Jerry Wallerius
Braun Intertec
11001 Hampshire Avenue South
Bloomington, MN 55438

There is a discount for those in active military service and veterans. E-mail jwallerius@braunintertec.com for more information.

A limited number of scholarships are available for unemployed applicants. Call or write for scholarship application information.

North Star Chapter - ACHMM

c/o Jerry Wallerius

Braun Intertec

11001 Hampshire Avenue South

Bloomington, MN - 55438

E-mail jwallerius@braunintertec.com

**Regulatory / CHMM Overview
Workshop**

March 17 - March 19, 2010

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for further information

Please route to:

Check our website:

www.achmm-nsc.org

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Academy of Certified Hazardous Materials Managers -- North Star Chapter

Is pleased to sponsor...

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and

IHMM National Certification Examination

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