**Certified Hazardous Materials Manager (CHMM)   
Regulatory / Examination Overview Workshop**

***Update your knowledge of regulations and the management of hazardous materials   
and review for the CHMM, and CHMP certification examinations with the   
North Star Chapter's Annual CHMM Regulatory Overview Workshop held   
March 20 — March 22, 2018 in Bloomington, MN.***

***A Certification Opportunity for Environmental Decision-Makers!***

The field of hazardous materials management needs qualified specialists. Professionals working in this field need complete, up-to-date information to make decisions and to act in an informed manner.

Recognition as a Certified Hazardous Materials Manager (CHMM) provides:

* Verification of experience
* Peer recognition
* Training to a national standard

There are over 15,000 individuals that have earned the CHMM credential. The CHMM certification will demonstrate your knowledge in addressing the complex aspects of hazardous materials management.

***Alliance of Hazardous Materials Professionals (AHMP)***

The Alliance of Hazardous Materials Professionals TM (AHMP), formerly the Academy of Certified Hazardous Materials Managers, Inc. (AHMP) 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.

More than 56 local chapters of AHMP have been formed throughout 37 states across the country. The North Star Chapter, centered in the Minneapolis/St. Paul area, serves members from Minnesota and adjacent provinces and states.

***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 AHMP, IHMM is a completely separate and distinct organization. This separation helps maintain the distinction between the education mission of AHMP, and the testing and certifying mission of IHMM.

***2018 CHMM Certification Exam Dates in Minnesota***

Computer-based testing for the CHMM credential is available through IHMM at approximately 450 locations throughout the U.S. Contact IHMM or visit <http://www.ihmm.oroidspExamSchedule.cfm> for further information.

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

***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 Materials Mgmt 11900 Parklawn Drive, Suite 450 Rockville, MD 20852

(301) 984-8969

<http://monmihmm.orq>

***IHMM Fees:*** An application fee must be included with the application when submitted to the IHMM. (Scholarship grant may be available from the North Star Chapter.)

***North Star Chapter- AHMP 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.

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| 1 including western Wisconsin. |  |  |
|  | **Chemistry of Hazardous Materials** | **Environmental Considerations in Real** |
| ***Course Content*** | * **Importance of basic knowledge** * **Physical and chemical properties** | **Estate/ Due Diligence Assessments**   * **Phase I** assessments |
| **Welcome** | * Nomenclature & properties of organic | * Phase II investigations |
| President, North Star Chapter | compounds | * Voluntary cleanup letters of assurance |
| **Course introduction** | **Toxicology** | **Underground Storage Tanks** |
| * Course purpose and structure | * Dose response | * Leak prevention |
| * Resources: access to information | * Measures of effects | * Detection of leaks |
| **Federal Statutes Overview** | * Exposure assumptions | * Response |
| * A brief history | **Geology** | * Petroleum and hazardous substances |
| * Perspective | * Geology basics | vs. hazardous waste |
| * Fit the pieces together | * Hydrogeology | **Resource Conservation & Recovery Act** |
| **Liability and Compliance** | * Groundwater contaminant flow | **(RCRA)** |
| * Laws & jurisdictions | * Monitoring wells | * Regulated hazardous waste |
| * Types of torts | **Radiation Principles for Hazardous** | * Generators & transporters |
| * Negligence | **Materials Managers** | * Permitted treatment, storage & |
| **Clean Water Act** | * Alpha, Beta & Gamma Radiation | disposal facilities |
| * Goals & objectives | * Units of measure | **Waste Analysis** |
| * Wastewater standards & enforcement | * Transportation | * Waste stream identification |
| * Oil spill control | * Means of protection | * Sampling methods |
| * Storm water management | **Asbestos** | * **The TCLP** analysis |
| **Clean Air Act** | * Types of Asbestos | * Waste analysis plans for TSDs |
| * New source review standards | * Health effects | **Hazardous Waste Treatment** |
| * National emission standards for | * Regulatory requirements | **Technologies** |
| **hazardous air pollutants** | **Federal Insecticide, Fungicide and** | * Physical methods, chemical methods |
| * Non-attainment **areas** | **Rodenticide Act (FIFRA)** | **&** biological methods |
| * Risk Management Plans (RMP) | * Types of products included | * Evaluation and selection |
| **Toxic Substances Control Act (TSCA)** | * Applicator certification | **Waste Reduction/Minimization** |
| * **Pre-Manufacturing Notice (PMN)** | * **Worker protection rules** | **and Pollution Prevention** |
| * **Significant New Use Rule** | **Hazardous Materials Transportation** | * Regulations that apply |
| * Cradle to grave responsibility | * DOT regulations | * Definitions |
| **Comprehensive Environmental** | * Hazardous materials versus | * Best Practices |
| **Response, Compensation and Liability** | **hazardous waste** | **Compliance Audits** |
| **Act (CERCLA)** | * **Hazard classifications** | * **Auditing processes** |
| * Reportable quantities | * Container requirements | * Auditor qualifications |
| * Notifications | **OSHA** | * Liability management |
| * National **Contingency Plan** | * **General Safety** | * **Best practices** |
| * **Superfund Amendments** and | * **HAZWOPER** | **Motivation of Employees with Respect** |
| Reauthorization Act | * Hazard communication | **to Environmental Matters** |
| * Who is responsible and who pays | * Process safety | * Defining motivation & Incentives |
| * De-listing | **Accident Scenario** | * **Practical tools & methods** |
| **Community Right-to-Know (SARA Title** | * Sample incident | **CHMM Code of Ethics** |
| **III - EPCRA)** | * Incident Command System | * What it covers |
| * Community Emergency Planning | * Roles of responders | * How it applies to you |
| * **Threshold quantities, EHS** | * **Proper preparation** | **Closing Remarks, Certificates of** |
| * **Toxic Release Inventory reports** | **Environmental Management Systems** | **Attendance** |
|  | * History of EMS |  |
|  | * ISO-14001 Standard |  |
|  | * Application to OSHA & HazMat |  |
|  | **CHMM:** Baccalaureate degree (or higher) | (AAS) degree from an accredited college |
| ***Application***  ***Requirements for the***  ***CHMM****,* ***and CHMP***  ***Examination*** | from an accredited college or university in | or university in hazardous materials |
| hazardous materials management, | management, environmental science, |
| environmental science, one of the physical | environmental management, or |
| sciences, or a related field, and a minimum of three years of relevant experience in the | environmental technology, plus 3 years of relevant experience as described above. |
| field of hazardous materials management or a related field. |  |
| The **Institute of Hazardous Materials** | **CHMP: You must have at least 5 years of** |  |
| **Management reviews applications to take** | **relevant experience with responsibilities** |  |
| **the Certified Hazardous Materials** Manager | directly related to the handling of |  |
| (CHMM), and Certified Hazardous | hazardous materials and/or waste in the |  |
| **Materials Practitioner (CHMP)** | **workplace; or, you must have an Associate** |  |
| **examination. Applicants who meet one of** the following standards are eligible: | **in Applied Science** |  |

***General Information***

***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 AHMP *Hazardous Materials Management Desk Reference* 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.

**Computer-based testing for the CHMM credential is available through IHMM at approximately 450 locations throughout the U.S.**

The North Star Chapter of the Alliance of Hazardous Materials Professionals presents this CHMM Overview Workshop.

**Regulatory / CHMM Overview Workshop**

**March 20 through March 22 2018 Registration Form**

**(all applicants must submit):**

Name:

Title:

Employer: Address:

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| City/State/Zip:  Work Phone: (  FAX ( ) e-mail: |  |
| Home  Phone:( ) |

**Payment Method:**

* Check for $650.00 payable to North Star Chapter, AHMP)
* **PayPal — see** http://www.ahmp-nsc.orq/

**Mail to:**

North Star Chapter, AHMP

C/o Scott Blue, CHMM

OSI Environmental, Inc.

1000 Lund Blvd

Anoka, MN 55303

*There is a discount for those in active military service and veterans. E-mail Scott Blue at* [*sblue@osienv.com*](mailto:sblue@osienv.com) *for more information.*

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

**Overview Workshop Enrollment:** Mail workshop registration form and $650.00 workshop fee to:

North Star Chapter, AHMP

c/o Scott Blue, CHMM

OSI Environmental, Inc.

1000 Lund Blvd

Anoka, MN 55303

**Additional information:**

**E-mail: Scott Blue at**

[**sblue@osienv.com**](mailto:sblue@osienv.com)

**Workshop Fee Covers:**

* AHMP *Hazardous Materials Management Desk Reference,* Course manual / notebook with handouts
* Lunch and continental breakfast
* Snacks & beverages at breaks

**Cancellation:**

No refunds. Substitutes are accepted. Cancellations received on or before August 19 will be refunded $300 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