**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 Training/Overview Workshop. For 2020, the workshop will be held virtually for 4-hour sessions over two weeks (Tuesday – Thursday) on October 13, 14, 15, 20, 21, and 22, 2020.***

***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 17,000 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 a national organization devoted to the professional advancement of the hazardous materials management field.

More than 30 chapters and sections 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.

***2020 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 <https://ihmm.org/examination-information-for-all-candidates/> 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 9210 Corporate Blvd, Suite 470 Rockville, MD 20850

(301) 984-8969

Email: info@ihmm.org

<https://ihmm.org/>

***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.

|  |  |  |
| --- | --- | --- |
|  | **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:** Youmust 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**

**October 13 through 22 2020 Registration Form**

**(all applicants must submit):**

Name:

Title:

Employer: Address:

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

**Payment Method:**

* Check for $350.00 payable to North Star Chapter, AHMP)
* **PayPal — see** www.ahmp-nsc.org

**Email to:**

John Potokar: John.Potokar@Donaldson.com

Debra Hall: dhall6@mmm.com

Brent Rader: Brent.Rader@ever-greenenergy.com

*There is a discount for those in active military service and veterans. E-mail John Potokar at* *John.Potokar@Donaldson.com* *for more information.*

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

**Overview Workshop Enrollment:**

Send completedregistration form to John Potokar at**John.Potokar@Donaldson.com**or Debra Hall at **dhall6@mmm.com****.**

**To mail form, contact** **John.Potokar@Donaldson.com** **for mailing address.**

**Time: 8:00AM to Noon (4 hrs) CDT**

**Dates: October 13, 14, 15, 20, 21, and 22, 2020**

**Additional information:**

**E-mail: John Potokar at**

**John.Potokar@Donaldson.com**

**Workshop Fee Covers:**

* AHMP *Hazardous Materials Management Desk Reference,* e-Book
* 2021 Northstar Chapter annual membership

**Cancellation:**

No refunds. Substitutes are accepted. Cancellations received on or before September 30th will be refunded $150 and will receive a copy of the Desk Reference e-book.

**Training Format:** Virtual Training – Videoconference invitation will be sent to the Email address provided on the Registration Form unless otherwise specified.