



WSO HazMat Certification Categories

WSO-CHMT I, WSO-CHMT II, WSO-CHMS, WSO-CHME

Who Qualifies?

Individuals working in the field of hazardous materials management, hazardous waste management, hazardous materials incident response, public safety employees, and individuals employed in related fields are eligible to apply. These individuals must also fulfill all of the educational and practical requirements.

Applicants, who meet the application, academic, experience and general requirements, submit required fees and are approved by the WSO Certification Board, must take the written examination. Applicants must be an affiliate member.

Minimum Experience Requirements

The WSO International Hazardous Materials Certification Program, Levels I, II, Supervisor and Executive, requires a minimum training time of approximately two weeks to a maximum of 20 weeks extending over one to two years (including internship time).

The **Level I** can be achieved in approximately one week of five eight hour training days and a six-month internship.

The **Level II** can be achieved in approximately nineteen training weeks (five days per week, eight hours per day) and a six-month internship.

The **CHMS** level can be achieved in approximately one training week (five days per week, eight hours per day) and a one-year internship.

The **CHME** level can be achieved in approximately 12–19 training weeks (five days per week, eight hours per day) and a one-year internship.

Special Note

Internship requirements may be waived by the Certification Board if it can be shown that the individual to be trained, tested and certified has already served the required time in a hazardous materials/water or response program as a full time employee.

WSO–Certified Hazardous Materials Technician Level I [WSO-CHMT I]

Objective

To provide evaluation of a hazardous material worker or first responder with the necessary skills and knowledge to detect, identify and classify hazardous materials; evaluate the level of risk associated with hazardous materials/waste and handle minor incidents.

Requirements for International Certification - Level I

Completion of a training program of approximately 30 to 40 hours in the following general areas:

- Introduction to hazardous materials
- Recognition, identification and classification of hazardous materials
- Safety consideration in working with hazardous materials
- Procedures of incident response to hazardous materials
- Control methods, agents and material usage in hazardous materials handling or incidents
- Successfully completed 6 months field work covering all of the above



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WSO–Certified Hazardous Materials Technician Level II [WSO-CHMT II]

Objective

To evaluate the skills and professional expertise of a hazardous materials worker, insuring competency in handling hazardous materials at an identifiable level.

Requirements for International Certification - Level II

Successfully completed the Level I program or its equivalent and served a 6 months internship working in a hazardous materials program. Completion of an advanced level training program of approximately 140 to 150 hours in the following general areas:

- Basic Chemistry
- Basic Toxicology
- Elements of operation and incident management
- Theory of chemical elements, mixture, compounds, solutions and other variations
- Physical and chemical characteristics of the following hazardous material types:
 - Combustible, explosive, toxic
 - and flammable
- Methods of control, containment, and handling of hazardous materials
- Detection of hazardous materials
- Storage, patching and repair of containers
- Herbicides, pesticides and farm chemicals
- Protective clothing and equipment decontaminations materials
- Procedures for handling the following hazardous materials incidents: Fixed facility, marine, rail, vehicular, pipeline, tank, clandestine labs, nuclear

WSO–Certified Hazardous Materials Supervisor [WSO-CHMS]

Objective

Provide evaluation of the professional knowledge, skills and expertise of an individual who will supervise the storage and handling of hazardous materials/waste and/or be responsible for the operations of two or more emergency response teams capable of responding to single or multiple hazardous materials incidents, or provides supervision of storage/handling of hazardous materials.

Requirements for International Certification

Successfully completed Levels I and II or their equivalent plus serving at least one year in a hazardous materials response or operations program. Completion of an advanced level training program of approximately 40 to 60 hours in the following general areas:

- Hazardous materials regulation to include EPA, DOT, OSHA,
- FEMA and other pertinent agencies
- Incident reports and communications
- Evaluation of programs and procedures
- Incident/emergency pre-planning
- Incident site command
- Resources for incident aid and assistance
- Recording and documentation procedures
- Purchasing sources and practices
- Storage and handling of hazardous materials
- Principles of safety management
- Safety personnel management
- Organization and structuring of safety departments
- Supervision of hazardous materials operations



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WSO–Certified Hazardous Materials Executive [WSO-CHME]

Objective

Provide evaluation of professional knowledge, skills and expertise of an individual who will be responsible for the development and implementation of programs for hazardous materials handling, transportation, waste and storage operations including emergency response programs for companies, corporations, communities, regions, governmental organization, and similar entities.

Requirements for International Certification

Successfully completed Levels I, II and Supervisor or their equivalent plus, served at least 12 months, developing, planning, and implementing programs involving use, storage and disposal of hazardous materials/hazardous waste and developing associated emergency response programs. Completed advanced level training programs of approximately 100 to 150 hours in the following areas:

- Compliance with local, state, regional, national and international regulations
- Requirements for hazardous materials/waste storage, handling disposal and incidents
- Development of standard operating procedures for facilities using, storing, handling and disposing of hazardous materials
- Planning, development and implementation of hazardous materials/waste emergency response programs
- Planning development and implementation of worker and community safety programs by facilities using, storing or disposing of hazardous materials/waste
- Development and coordination of a plan utilizing local, state, regional and national emergency support services
- Developing appropriate equipment lists and procuring items necessary for the protection of people, property, resources and the environment
- Planning and development of a remedial program for cleanup of hazardous materials/waste at any facility.



About WSO

The WSO was founded in Manila, the Republic of the Philippines, in 1975 as a result of a gathering of over 1,000 representatives of Safety Professionals from all continents at the first World Safety and Accident Prevention Congress.

Headquartered in USA since 1985, the World Safety Organization (WSO) is a global community of people dedicated to "Making Safety a Way of Life ... Worldwide" since 1975. In Consultative Status with the United Nations and having National Offices and Chapters in over 20 countries, WSO has the reputation and reach to bring together diverse safety professionals and practitioners who are transforming the world's corporations, organizations, and communities to meet tomorrow's critical challenges.

The WSO's purpose is to internationalize all safety fields, disseminating throughout the world the practices, skills, arts, and technologies of the safety and accident prevention fields. With worldwide membership in the thousands, the WSO is undergoing a strong growth period. Through individual referrals and recommendations from WSO members, there is continuous growth in membership and the pool of professionals seeking the WSO certifications.

WSO's International/National Offices and Membership Chapters provide convenient venues for safety professionals and practitioners to avail of the benefits of WSO Membership and Certification.

In 2017 WSO's Certification Program was accredited in compliance with ISO/IEC 17024:2012, an international standard which sets out criteria for an organization's certification program for individual persons, by the International Certification Accreditation Council (ICAC). Learn more about WSO at www.worldsafety.org.

About ICAC

The International Certification Accreditation Council (ICAC) is an alliance of organizations dedicated to assuring competency, professional management, and service to the public by encouraging and setting standards for licensing, certification, and credentialing programs. The ICAC itself operates under the international guidelines established as a quality assurance regimen for accreditation bodies (*ISO/IEC 17011 – Conformity Assessment: General Requirements for Accreditation Bodies Accrediting Conformity Assessment Bodies*). Learn more about ICAC at www.icacnet.org.



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