

Awareness-cum Training Workshop on **Waste Management and Chlorine Safety**

Organized at Hotel Shelter-Inn, Dist. Chhatarpur on 27/08/2013 by
Emergency Response Centre, M. P. Pollution Control Board

A Note on the proceedings of the Workshop

An awareness-cum training workshop on “Waste Management & Chlorine Safety” was organized at Chhatarpur on 27th August 2013 by Emergency Response Centre, MPPCB in coordination with Regional Office, M.P. Pollution Control Board, Sagar. The program was aimed to create awareness among the industry personnel, district administration, first responder groups, municipal officials and the other concerned regarding various types of wastes including municipal solid waste, plastic waste, bio-medical waste, electronic waste etc, their safe management and disposal. Safe management of chlorine, which is used as prime chemical at water works as biocide for treatment of water, was also talked during the programme. The workshop also served the objective to provide a platform to the target people to interact with the technical expert groups on issues of their interest.

The workshop was attended by 101 delegates from diversified fields including officials from Municipal bodies, Health, Law & Order etc. The Chlorine users and transporters, including hotels and industries, also participated in the workshop.

The programme began with the welcome address by Shri V.S. Rai, Regional Officer, MPPCB, Sagar followed by inauguration of workshop by the Chief Guest Smt. Archana Guddu Singh, Chairperson, Nagar Panchayat, Chhatarpur by lightning the ceremonial lamp.

In the opening remarks Dr. Gunwant Joshi, Head ERC outlined the activities of ERC and the facilities it has to provide technical guidance to the target people in times of emergency. He also briefed the delegates about necessity of such awareness workshops and the initiatives taken by ERC to reach out to the people to make them aware and train to tackle environmental and chemical emergency situations.

The special guest of the function, Shri J.P. Shrivastava Additional Collector, Chhatarpur, in his address to the participants, emphasized the need of such awareness programmes and appreciated the efforts of ERC, MPPCB in organizing such activities at small places like Chhatarpur for the benefit of people and the environment. He also shared his experience with the participants on chemical emergencies he confronted and tackled in the past with the help of local people who, in his opinion, are the first responders at the accident site to provide necessary support to the emergency teams.

The Chief Guest of the function, Smt. Archana Guddu Singh, in her key note address, urged the participants to take care of the problems arising due to various types of wastes generated from domestic as well as commercial and industrial establishments. She highlighted the local environmental problems and the efforts taken by Municipal bodies in the district to curb them effectively. Promotional activities like door-to-door collection of waste and producing manure out of it through organic farming (vermin-compost) were talked in her address. She urged the municipal officials and the other concerned to interact with the expert officials during the workshop and take full benefit of this occasion for the betterment of district and the State as a whole. The inaugural session closed with the words of thanks by Shri Rajesh Jain, Chief Chemist, Regional office, MPPCB, Sagar.

After inaugural session the technical session started with the deliberation by Shri V.K. Ahirwas, Superintending Engineer, MPPCB who spoke on “ Safe Practices for Municipal Solid Wastes and Plastic Wastes Management”. He discussed the present scenario and the prevailing practices for handling and management of solid wastes. The gravity of problem that may arise due to solid wastes and the ideal and safe practices that should be adopted for their management were talked about during the address. The prevailing statutory norms and regulations for the handling and management of municipal and other wastes were also discussed during the talk. The health effects of bio-medical wastes and hazardous wastes were also made known to the participants and the effective ways that should be adopted by the concerned groups/departments were also illustrated in detail.

The other technical presentation was on “Chlorine Safety at Water Works and during Transportation” by Dr. Rajendra Chaturvedi, Scientist, Emergency Response Centre, Bhopal. He discussed versatile applications of chlorine in multiple sectors and how it is beneficial in day-today life of every individual. The hazards involved in handling and use of chlorine and the extent of damage chlorine can cause due to unsafe and unscientific handling were also explained to the participants. The talk also included code of safe practice and techniques to avoid possible chances of chlorine mishaps during transportation, at water works and other application sites through illustrations. Various rules and regulations, guidelines and safe practices at works were also discussed during the presentation. Information about chlorine network, established in the country to meet the chlorine emergencies, was shared with the participants. It was urged to take full advantage of facilities and technical expertise available with the ERC and make use of this centre for better preparedness to meet the chemical emergencies.

The next presentation was on “ Management of Electronic and Battery Wastes” by Dr. Prem Shrivastava, Scientist, M.P. Pollution Control Board. He illustrated types of e.waste, the statistics of e.waste generation and their safe management practices. The prevailing Acts & Rules, relevant guidelines and the initiatives taken by Government to tackle the menace of e.waste were also discussed in detail.

Before the close of the workshop the queries of the participants were replied during panel discussion and a certificate of participation was awarded to all. The presence and the feedback received from the participants indicates their interest in such community awareness programmes. A quite comprehensive and relevant course literature, compiled by ERC, including material safety data sheets of over 1000 chemicals, international chemical safety card of nearly the same number of chemicals, poison monographs, antidote information, first-aid info, environmental laws, analytical methods of some toxic pollutants, general safety guidelines, info on emergency planning, document on Chlorine Emergency Response Network and chlorine safety etc were distributed to the participants in the form of C.D.

The programme was conducted by officials of Emergency Response Centre Shri Manoj Jain and Dr. Rajendra Chaturvedi. The workshop ended with thanks to the Chair, dignitaries and the participants by Shri Manoj Jain and the words in praise of officers and the staff of Regional Office, Sagar who put in sincere endeavour and great efforts to make the event successful.

Awareness-cum-Training Workshop on Waste Management and Chlorine Safety

Tuesday, 27th August 2013

Venue – Conference Hall, Hotel Shelter Inn, Chhatarpur

Programme Schedule

9.30 - 10.00a.m.	REGISTRATION
10.00 - 10.05 a.m.	Welcome address By Shri V.S. Rai, Regional Officer, M.P. Pollution Control Board, Sagar
10.05 - 10.20 a.m.	Opening Remarks and ERC Overview By Dr. Gunwant Joshi, Chief Chemist , ERC , MPPCB, Bhopal
10.20 - 10.35 a.m.	Address by Chief Guest. Dr. N.P. Shukla, Chairman, M.P. Pollution Control Board, Bhopal
10.35 - 10.50 a.m.	Address from Guest of honour, Smt. Archana Guddu Singh, Chair person, Nagar Panchayat, Chhatarpur
10.50 - 10.55 a.m.	Vote of Thanks By Dr. Rajesh Jain, Chief Chemist, M.P. Pollution Control Board, Sagar
11.00 - 11.30 a.m. <i>Tea break</i>
11.30 - 12.30 p.m.	<u>Technical Session I & Discussion</u> 1. "General Overview of Environmental Laws " by Shri V.K. Ahirwr, SE, M.P. Pollution Control Board, Bhopal
12.30 - 01.30 p.m.	2. "Chlorine safety at Water works and during Transportation", by Dr. Rajendra Chaturvedi, Scientist, ERC, MPPCB, Bhopal
01.30 - 02.15 p.m. <i>Lunch Break</i>
02.15 - 03.30 p.m.	<u>Technical Session II & Discussion</u> 1. "Municipal Solid Waste & Plastic Waste Management" by Shri V.K. Ahirwr, SE, M.P. Pollution Control Board, Bhopal
03.30 – 04.30 p.m.	2. " Management of Electronic & Battery Wastes " by Dr. Prem Kumar Shrivastava, Scientist, M.P. . Pollution Control Board, Bhopal
04.30 - 05.30 p.m. <i>Discussions / Valedictory Session</i>

Organised by : Emergency Response Centre, M.P. P.C.B., Bhopal.

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