

# Awareness-cum-Training Workshop on Chemical Emergency – Preparedness & Response

Thursday, 29<sup>th</sup> November 2012

Venue – Training Hall, M/s Bharat Oman Refineries Ltd., Bina

Programme Schedule
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9.30 - 10.00 a.m.	<b>REGISTRATION</b>										
	<b>Inaugural Session</b>										
	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Welcome address</td> <td>Mr, Umesh Morey, Sr. Vice President, Manufacturing M/s . Bharat Oman Refineries Limited.</td> </tr> <tr> <td>Opening Remarks</td> <td>Dr. Gunwant Joshi, Chief Chemist, ERC, Bhopal</td> </tr> <tr> <td>Address from Guest of honour</td> <td>Shri TEC Vidyasagar, Ex.- Dy. Chief Inspector of Factories, Govt of A.P..</td> </tr> <tr> <td>Address by Chief Guest</td> <td>Dr. N.P. Shukla, Chairman, M. P. Pollution Control Board, Bhopal.</td> </tr> <tr> <td>Vote of Thanks</td> <td>Shri V.S. Rai, Regional Officer, M.P.P.C.B., Sagar</td> </tr> </table>	Welcome address	Mr, Umesh Morey, Sr. Vice President, Manufacturing M/s . Bharat Oman Refineries Limited.	Opening Remarks	Dr. Gunwant Joshi, Chief Chemist, ERC, Bhopal	Address from Guest of honour	Shri TEC Vidyasagar, Ex.- Dy. Chief Inspector of Factories, Govt of A.P..	Address by Chief Guest	Dr. N.P. Shukla, Chairman, M. P. Pollution Control Board, Bhopal.	Vote of Thanks	Shri V.S. Rai, Regional Officer, M.P.P.C.B., Sagar
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10.00 - 10.50 a.m.											
10.50 - 11.15 a.m.	..... <b>Tea break</b> .....										
	<b><u>Technical Session I &amp; Discussion</u></b>										
11.15 - 11.40 a.m.	1. " Safety at Bharat Oman Refineries Limited, Agasode By Fire Safety and Security Departments.										
11.40 - 12.15 p.m.	2. "Emergency Preparedness and Emergency Response Centre" By Dr. Gunwant Joshi, Chief Chemist, ERC, Bhopal.										
12.15 - 02.00 p.m.	3. "On-site Emergency Management Plan and Concept of Table-top exercise of Mock-drill for Emergency Response " by Shri TEC Vidyasagar, Ex.- Dy. Chief Inspector of Factories, Govt of A.P.										
02.00 - 02.30 p.m.	..... <b>Lunch Break</b> .....										
	<b><u>Technical Session II &amp; Discussion</u></b>										
02.30 - 03.15 p.m.	1. . Field Demonstration of On-site Management Plan / Mock-drill at M/s BORL By Fire Safety and Security Departments.										
03.15 - 04.15 p.m.	2. Review of the Mock-drill & Post Event Analysis by the Observers, Shri TEC Vidyasagar and Dr. Rajendra Chaturvedi.										
04.15 - 05.00 p.m.	3. Presentation on Emergency Response & Disaster Mgmt. Plan at BORL. by Fire & Safety Department., M/s. BORL, Agasode, Bina										
05.00 - 05.15 p.m.	..... <b>Valedictory Session / Tea break</b> .....										

**Organised by : Emergency Response Centre, M.P. P.C.B., Bhopal**  
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**Awareness-cum Training Workshop on  
Chemical Emergency – Preparedness & Response**

**Organized at Bina, Dist. Sagar on 29/11/2012 by  
Emergency Response Centre, M. P. Pollution Control Board**

**A Note on the proceedings of the Workshop**

The Emergency Response Centre, Bhopal, in coordination with Regional Office, Sagar organized an awareness event under out-reach programme on "Chemical Emergency – Preparedness & Response" at conference Hall of M/s Bharat Oman Refineries Limited (M/s. BORL), Agasode Industrial Area at Bina in Sagar district on 29th November 2012. The program was designed to create awareness about the chemical hazards and the mechanism to meet the emergencies arising out of it, among the industry personnel, concerned Govt. officials and the first responder groups.

The program started with the welcome address by Shri Umesh Morey, Sr. Vice President (Technical) of M/s Bharat Oman Refineries Limited, Bina. In his address he welcomed the idea of organizing such important awareness workshop at M/s BORL's premises. While welcoming the guests and the participants, he briefly highlighted the issues related to the need of emergency preparedness and planning by industries in all the industrial areas in the State. He further expressed that such programs shall help develop better coordination amongst the industry, the first responders, regulators and the technical support group such as ERC and also expressed the commitment of BORL to instill the confidence about the safety preparedness at BORL in the community around the area. He further assured his full support to ERC in such noble activities and appealed the fellow industry men to make best use of this opportunity.

This was followed by floral welcome to the dignitaries on Dias after which the program was formally inaugurated by Shri TEC Vidyasagar, Ex Dy. Chief Inspector of Factories, Govt. of Andhra Pradesh, who was the Chief Guest on the occasion, by lighting the ceremonial lamp. The theme Song of M/s BORL was played in the background highlighting the message of safe environment and accident free future.

The Opening Remarks to the activity were made by Dr. Gunwant Joshi, Chief Chemist and Head of Emergency Response Centre, Who explained the need of organizing such a program. While giving a brief about "Out-reach" programme of ERC, he mentioned of the valuable support and guidance from the Hon'ble Chairman, M.P. Pollution Control Board to the activities of Emergency Response Centre and also highlighted the importance of preparedness in dealing with the chemical emergencies.

The chief guest of the function, Shri TEC Vidyasagar, delivering his inaugural speech, praised the idea of conducting such programmes for awareness creation among the concerned target groups and also touched a few other points including the strengths that ERC has to provide the technical inputs and guidance to the target groups. He asked the industries to avail full benefits of these initiatives and share freely all their concerns with the Emergency Response Centre. He further stressed on the need of chemical safety on priority and said that it cannot be achieved merely by enforcing laws, rather every individual should take it as moral and social responsibility to achieve the goal in real sense and avoid the chemical accidents culminating into disasters.

In his address he appealed the audience to carry the message of safe practices in the chemical process and requested the industries to adopt the safe practices in their own industrial installations by implementing the lessons learnt at the workshop.

The Vote of Thanks was extended by Shri V.S. Rai, Regional Office, M.P. Pollution Control Board, Sagar. He acknowledged the sincere efforts and all possible support extended by BORL authorities for organizing the workshop and thanked all the industries and other personnel who turned up to attend the programme.

A total of 31 participants from various industries and Govt. departments attended the programme and were benefited from the workshop. The resource persons included Shri TEC Vidyasagar, former Dy. Chief Inspector of Factories, Govt. of Andhra Pradesh, Shri Sanjay kumar Mehata from Fire & Safety Department of M/s BORL and Dr. Gunwant Joshi, Chief Chemist & Head, Emergency Response Centre, Bhopal

The technical programme was divided in to two sessions, the first comprising of two lectures on chemical safety and emergency response. The second technical session was to give a detailed exposure to the participants regarding concept of Table-top exercise for preparedness and response and the concept of mock-drill and its advantages.

The 1<sup>st</sup> technical session was opened with the deliberation by Dr. Gunwant Joshi, Head, Emergency Response Centre, who presented detailed information about E.R.C., including its aims, objectives, functions etc. The participants were made aware about the technical strengths of ERC to assist the target groups in times of chemical crisis situation. The participants were also briefed about the operation and functioning of ERC and how the industry people and other relevant groups can take the benefit of ERC's facilities. The member strength of ERC in the State was also made known to the participants by Dr. Joshi and he appealed to the non member industries to become member of this centre to further strengthen it so that it can provide better services to the target groups.

This was followed by lecture by the expert guest faculty Shri TEC Vidyasagar who deliberated on 'On-site Emergency Management Plan and Concept of Table-top exercise of Mock-drill for Emergency Response'. He delivered a very captivating and informative address to the participants on chemical emergency and covered many important issues related with on-site emergency management and mock-drill exercise. Past accidents at Textile mills, Boiler explosion, gas spillage, fire outbreak at petroleum storage locations etc. in other States were also discussed with the participants.

Shri TEC Vidyasagar continued his lecture in the second session, wherein, he addressed various issues including safe handling and transportation of the hazardous chemicals, precautions to be observed while handling hazardous chemicals, various components of on-site emergency plan and off-site emergency plan, how to check the efficacy of emergency plans, importance of mutual aid schemes etc. The effects of hydraulics and fluid mechanics on the transportation of hazardous liquids and steps to be taken to avoid accidents were also shown. He also spoke on effective management of chemicals and general emergencies in industries and explained in detail the issues involved with emergency organizational structure, emergency communication systems, communication flow, precise and well defined roll and responsibilities of every individual, need of mock-drill, advantages of mock exercises etc.

This was followed by a lecture by Shri Sanjay kumar Mehata from Fire & Safety Department of M/s BORL who presented a video documentary on mock-drill showing the preparedness by M/s Bharat Petroleum Corporation Limited at their other installation in the country. He also addressed the high standards of process and environmental safety being observed at their Bina plant. Information regarding Functional Plan of M/s BORL was also shared with the participants.


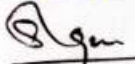



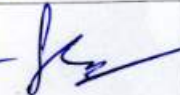
The last part of the technical session involved an open forum where the participants raised their queries which were replied by the subject experts and other senior executives. All the participants praised the idea to conduct such training programmes to give opportunity to more people to attend and take benefit from it. They also felt the need of such programmes on regular basis in other pockets of the State for wider awareness. The feedback received from the participants indicated their keen interests in such training and awareness programmes.

A substantial and quite relevant course material was distributed to the delegates in soft form which included all the relevant Acts and Rules dealing with hazardous chemicals, material safety data sheets of all the regulated chemicals, information on poison chemicals, pesticides, petroleum products, relevant material on industrial and process safety etc.

Dr. Rajendra Chaturvedi, Scientist, ERC conducted entire activity through out the day. The programme concluded with distribution of certificate of participation to the participants followed by thank to the Chair, dignitaries and the participants by Shri Rajesh Jain, Chief Chemist, M.P. Pollution Control Board, Sagar.

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Chemical Emergency - Preparedness & Response  
Bina, Dist. Sagar**

**Thursday, November 29<sup>th</sup>, 2012**

S.No.	Name of Participant	Address	E.mail	Phone No.	Signature
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