

Awareness-cum Training Workshop on
Chemical Emergency - Preparedness & Response
Organized at Nagda, Dist. Ujjain by
Emergency Response Centre, M. P. Pollution Control Board

A Note on the proceedings of the Workshop

The Emergency Response Centre, Bhopal organized the event under an out-reach programme on "Chemical Emergency - Preparedness & Response" at Nagda industrial area in dist. Ujjain, Madhya Pradesh on 31st October 2011 to create awareness among the industry personnel, transporters, first responder group officials such as police, fire brigade, district administration officials from healthcare facilities and also the people living in the vicinity of chemical industries.

The program started with the welcome address from Shri Siddhartha Banerjee, President, M/s. Grasim Industries Ltd. Nagda. This was followed by the floral welcome of the dignitaries on dias. After the floral welcome of the guests The program was inaugurated by Dr. N.P. Shukla, Chairman, M.P. Pollution Control Board, who was the Chief Guest on the occasion, by lighting the ceremonial lamp. This was followed by opening Remarks by Dr. Gunwant Joshi, Chief Chemist and Head of Emergency Response Centre, Who explained the need of organizing such a program and highlighted the importance of preparedness in dealing with the chemical emergencies and also gave a brief introduction to the "Out-reach" programme of ERC.

Shri D.M. Nema, Deputy Director, Directorate of Industrial Health & Safety (DIHS), Government of M.P. also shared few words with the participants. He praised the initiative taken by the M.P. Pollution Control Board and stressed the importance of the preparedness in chemical industries. He asked the industry representatives and the various first responder agencies to make use of this opportunity provided by ERC and prepare themselves to deal with any

eventuality or chemical emergency. He thanked the Chairman Dr Shukla, the Regional officer and the ERC team for taking initiative in organizing such a useful activity. He also accorded the joint efforts of M.P. Pollution Control Board and DIHS in addressing and taking up chemical safety related issues with the target groups.

The chief guest of the function, Dr. N.P. Shukla under who's initiative and directions this programme was organized, said that the transparency, responsibility are the cornerstones of board's work culture as reflected in Board's recent initiatives such as implementation of "Narmada XGN" and "Out-reach" program of ERC. He also informed to the participants about the strength 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 Board. He said that the board officials are not just the regulators but also be considered as the partners in safeguarding the Environment and achieving the goal of Industrial development with "Responsible Care" concept.

Dr Shukla said that ERC should take-up the issues of chemical safety and preparedness not only with it's member industries and the first responders but also with the people living in the vicinity. He further stressed that the ERC team should be vigilant and must go to all it's member industries in their respective location settings, have a feel of the area and try to address the issues relevant to maintaining high levels of preparedness to meet chemical emergencies so that better service may be rendered by ERC. He also stressed on the importance of the safety and high level of preparedness in avoiding the chemical accidents culminating in to disasters.

The Vote of Thanks was extended by Shri P.K. Trivedi, Regional Officer, M.P. Pollution Control Board, Ujjain. 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. During the address Shri Trivedi also gave information about all the legislations dealing with environment and the role of M.P. Pollution Control Board. He also highlighted the recent facility of 'Narmada XGN' extended to the industries for greater transparency and to ease their routine work.

A total of 68 participants from various industries, transport sector, the first responders and the regulators (MPPCB and DIHS) attended the programme and were benefited from the workshop. Among the resource persons, Shri TEC Vidyasagar, former Dy. Chief Inspector of Factories, Govt. of Andhra Pradesh was also the guest speaker.

The technical programme was divided in to two technical sessions, each comprising of two lectures followed by discussions. The technical session also included the mock-drill exercise and table top review of the scenario to give a practical exposure to the participants regarding on-site emergency management.

In the 1st technical session, Shri TEC Vidyasagar deliberated on 'Consequence & Risk analysis in On-site Emergency Management and mock-drill for Chemical Emergency Response'. He gave a very elaborated and informative address to the participants on chemical emergency. He also covered many important issues related with on-site emergency management, hazard identification, risk analysis, consequence analysis and mock-drill exercise. Past accidents took place at H₂S plant, Textile mill, Boiler explosion etc. were also shown to the participants.

This was followed by second deliberation by Shri Siddhartha Banerjee, President, M/s Grasim Industries Limited (SFD), Nagda who presented On-site Emergency Management Plan of M/s Grasim Industries. The efforts made by

the industry for the chemical and environmental safety were detailed to the participants.

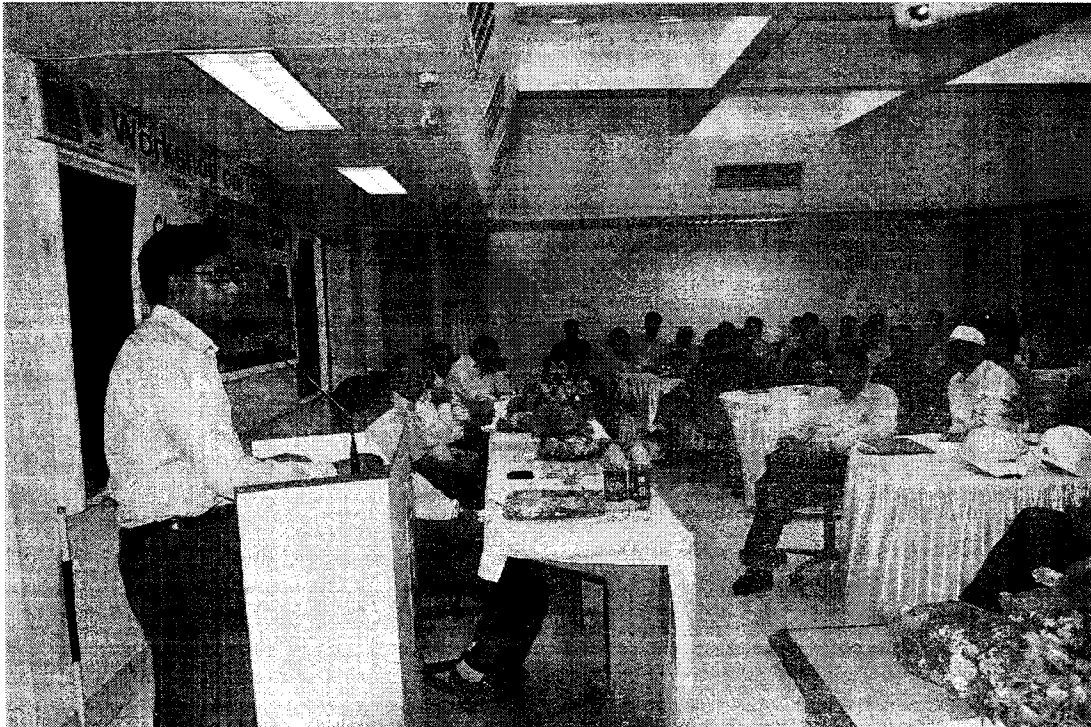
The presentation was followed by 'field demonstration of on-site management plan and mock-exercise to give a practical exposure to the trainee participants. The exercise was also aimed to assess the strength and weaknesses of the emergency management plan. The mock-drill was headed by Shri K.C. Panchal, AGM, Safety, M/s Grasim Industries Ltd. and the review of the task was done by Shri TEC Vidyasagar and Shri D.M. Nema along with the participants who were independent observers of various operations of mock-drill.

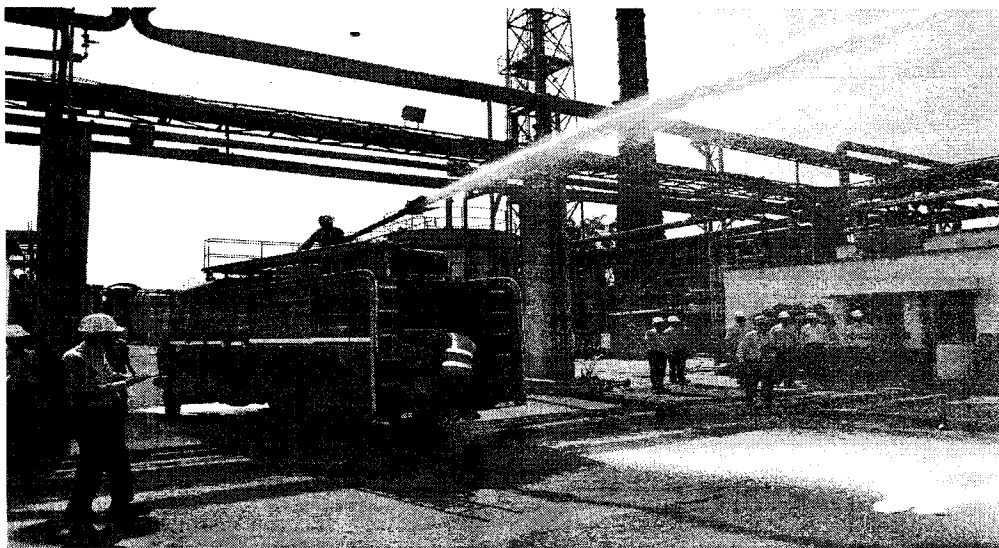
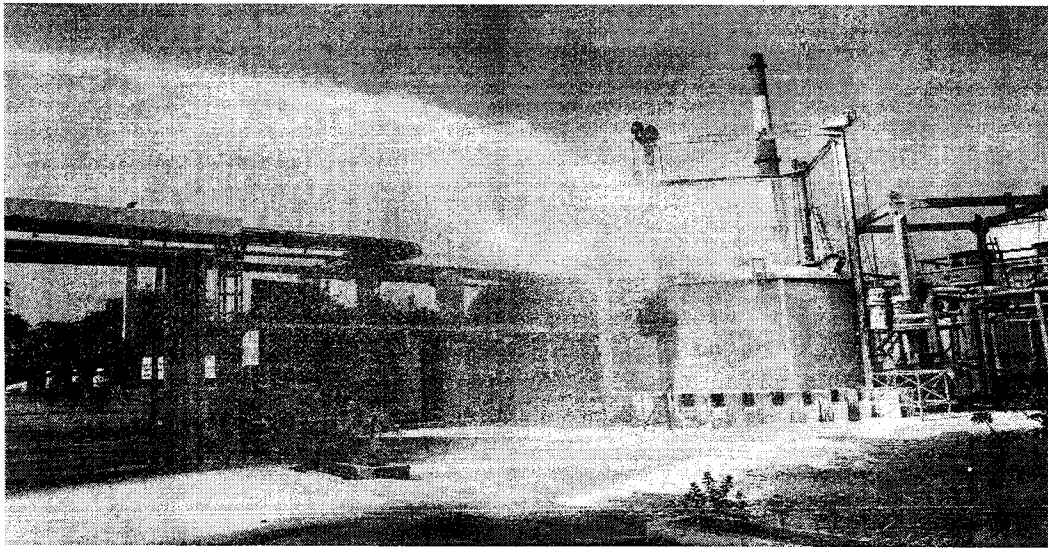
The scenario was the leakage of hydrogen sulfide gas from one of the storage sphere inside the premises at carbon disulfide plant. The mock-drill started at 1210 hours and completed at 1245 hours. The emergency plan was initiated by blowing emergency siren which triggered various emergency actions by the concerned staff as stipulated in the emergency plan.

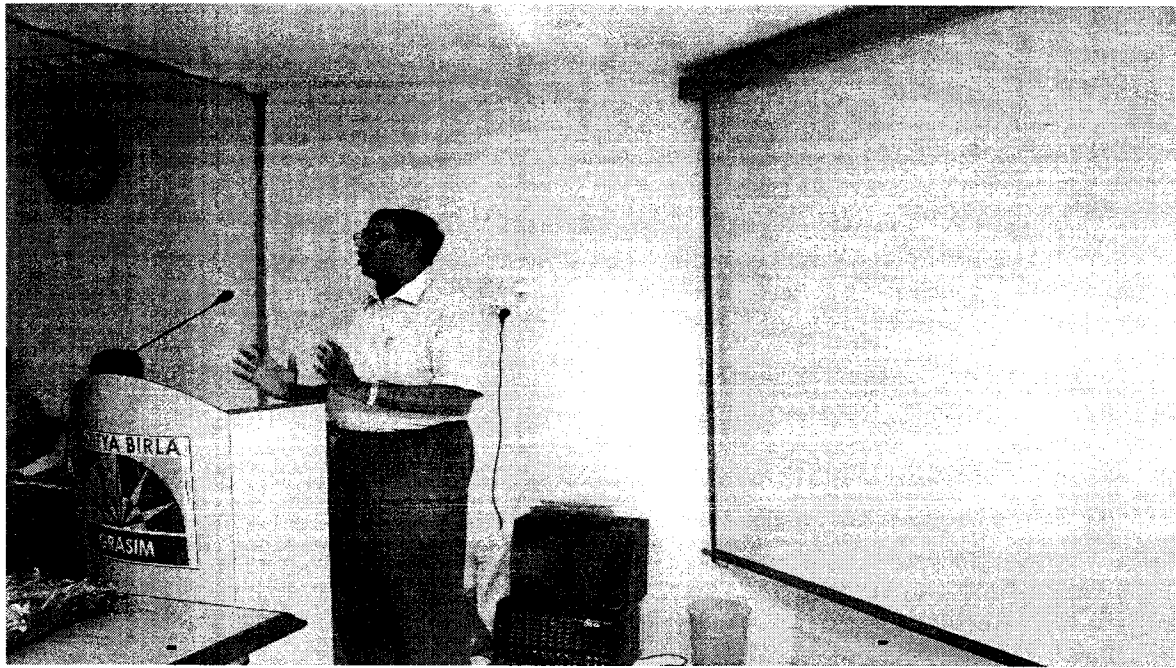
The process of emergency mitigation included the use of water canon and foam jet through the mobile fire equipment and foam tenders which helped in containing the effect of leaked chemical. The medical staff and ambulance were also pressed into service to lift and carry the injured personnel due to leakage of gas. The response of management organisation and field equipment preparedness were tested during the drill. An all clear siren was blown at 1245 hours declaring the completion of the Mock drill exercise.

In the 2nd technical session, review and debriefing of mock-drill was conducted which was followed by two technical presentations. During the mock-drill review process facilitated by Shri TEC Vidyasagar and Shri D.M. Nema, the gaps and lapses observed in the emergency management and the actual conduct of the mock-drill were discussed in detail along with the tips for the

background material which was distributed to the participants in the form of C.D. as part of course material.







The programme was concluded with the distribution of the Certificates of Participation to the participants and ended with thanks to the Chair, dignitaries and the participants by Dr. Gunwant Joshi, Head, Emergency Response Centre, Bhopal.

पत्रिका

उज्जैन, मंगलवार

01.11.2011

दुर्घटना के मद्देनजर उद्योगों का निरीक्षण

भोपाल से आए दल ने दो दिनों तक किया भ्रमण

नागदा, भोपाल से आए एक दल ने रविवार को लैंक्सैस उद्योग तथा दूसरे दिन सोमवार को प्रेसिम व केमिकल इंडस्ट्री का निरीक्षण किया। प्रदूषण नियंत्रण बोर्ड व औद्योगिक स्वास्थ्य एवं सुरक्षा विभाग की टीम ने दुर्घटनाओं के मद्देनजर निरीक्षण किया। कई खामियों को दूर करने के लिए प्रबंधन को हिदायत भी दी गई। टीम के मद्देनजर उद्योगों में साफ-सफाई व सुरक्षा पर विशेष ध्यान दिया गया। सोमवार को एक दिवसीय जनजागृति कार्यशाला का आयोजन हुआ।

कार्यशाला के मुख्य अतिथि मंत्र प्रदूषण नियंत्रण बोर्ड के अध्यक्ष एनपी शुक्ला थे। कार्यक्रम में प्रेसिम के यूनिट हेड सिद्धार्थ बैनर्जी ने भी शिरकत की। इस अवसर पर वक्ता के रूप में सेवानिवृत्त अधिकारी डॉ. विद्यासागर हैदराबाद ने ऑन साइट



कार्यशाला में मंचासीन अतिथिगण।

एवं ऑफ साइट इमरजेंसी मैनेजमेंट एवं केमिकल इमरजेंसी मॉकड्रिल पर विचार रखे। मुख्य रसायनज्ञ गुणवंत जोशी ने भी व्याख्यान दिए। इस अवसर पर फिफ्ट विजिट एवं डिमोस्ट्रेशन ऑफ ऑन साइट मैनेजमेंट प्लांट मॉकड्रिल भी हुआ। संचालन वैज्ञानिक राजेंद्र चतुर्वेदी ने किया। कार्यक्रम में प्रदूषण विभाग के अधिकारी पीके त्रिवेदी, एसबी तिवारी, पीएम सुनार समेत विभिन्न उद्योगों के प्रतिनिधियों ने भाग लिया।

दैनिक अश्लेष

जनजागृति कार्यशाला संपन्न

नागदा (निप्र)। केमिकल इमरजेन्सी, प्रिपेयर्डनेस एवं रिस्पांस विषय पर मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड द्वारा क्षेत्रीय कार्यालय म.प्र. प्रदूषण नियंत्रण बोर्ड उज्जैन के सहयोग से नागदा में सोमवार को एक दिवसीय जनजागृति कार्यशाला का आयोजन किया गया जिसमें उज्जैन संभाग के विभिन्न उद्योगों के प्रतिनिधि सम्मिलित हुए। कार्यशाला के मुख्य अतिथि डॉ. एन.पी. शुक्ला अध्यक्ष म.प्र. प्रदूषण नियंत्रण बोर्ड, भोपाल के अतिरिक्त, सिद्धार्थ बैनर्जी अध्यक्ष ग्रेसिम इंडस्ट्रीज लिमिटेड नागदा उपस्थित हुए। अध्यक्ष द्वारा कार्यशाला के प्रयोजन एवं महत्व पर प्रकाश डाला गया। कार्यशाला के तकनीकी सेक्शन में विषय विशेषज्ञ के तौर पर वक्ता डॉ. विद्या सागर, हैदराबाद द्वारा ऑन साईट एंड ऑफ साईट इमरजेन्सी मैनेजमेंट एवं केमिकल इमरजेन्सी मॉकड्रिल, डॉ. गुणवंत जोशी, मुख्य रसायनज्ञ, प्रदूषण नियंत्रण बोर्ड भोपाल द्वारा इमरजेन्सी प्रिपेयर्डनेस एवं इमरजेन्सी रिस्पांस सेंटर के सी.

पांचाल, एजीएम, ग्रेसिम नागदा द्वारा ऑन साईट इमरजेन्सी मैनेजमेंट प्लान एट ग्रेसिम इंडस्ट्रीज लिमिटेड पर व्याख्यान दिया गया। इस अवसर पर फील्ड विजिट एवं डिभास्टेशन ऑफ ऑन साईट मैनेजमेंट प्लान मॉकड्रिल भी संपन्न हुआ।

कार्यशाला के अंत में उपस्थित उद्योग प्रतिनिधियों द्वारा अपने फील्ड अनुभव, समस्याओं एवं सुझाओं का उपस्थित विशेषज्ञों के साथ विचार विमर्श किया। कार्यशाला का संचालन राजेन्द्र चतुर्वेदी, वैज्ञानिक म.प्र. प्रदूषण नियंत्रण बोर्ड भोपाल द्वारा किया गया। पी.के. त्रिवेदी क्षेत्रीय अधिकारी म.प्र. प्रदूषण नियंत्रण बोर्ड उज्जैन द्वारा उपस्थित समस्त अतिथियों, विषय विशेषज्ञ वक्ताओं एवं उद्योग प्रतिनिधियों का आभार प्रकट किया गया व इस कार्यशाला में अनेक उद्योग लाभांवित हुए तथा आयोजन में ग्रेसिम इंडस्ट्रीज के पर्यावरण प्रभारी टीएम सुनार व उपक्षेत्रीय अधिकारी डॉ. सेतुबंर तिवारी का उल्लेखनीय सहयोग रहा।

इमरजेंसी मैनेजमेंट के बारे में कार्यशाला में जाना



कार्यशाला में उपस्थित प्रदूषण बोर्ड के अध्यक्ष व अन्य अतिथिगण।

नागदा जं.। केमिकल इमरजेंसी, प्रीपेयर्डनेस एंड रिस्पॉंस विषय पर मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड द्वारा विभाग के क्षेत्रीय

कार्यालय के सहयोग से सोमवार को एक

■ प्रदूषण नियंत्रण बोर्ड का आयोजन

दिवसीय जनजागृति कार्यशाला का आयोजन किया गया। कार्यशाला में उज्जैन संभाग के विभिन्न उद्योगों के प्रतिनिधियों में भाग लिया।

मुख्य अतिथि प्रदूषण नियंत्रण बोर्ड के अध्यक्ष एनपी शुक्ला भोपाल एवं प्रेसिम के यूनिट हेड सिद्धार्थ वैनर्जी थे। विभाग के अध्यक्ष द्वारा कार्यशाला के प्रयोजन एवं महत्व पर प्रकाश डालने के बाद कार्यशाला के तकनीकी सेशन में डॉ.विद्यासागर हैदराबाद ने ऑनसाइड व ऑफसाइड इमरजेंसी मैनेजमेंट एवं केमिकल इमरजेंसी मॉकड्रिल पर व्याख्यान दिया। डॉ.गुणवंत जोशी मुख्य रसायनज्ञ ने इमरजेंसी प्रीपेयर्डनेस एंड

इमरजेंसी रिस्पॉंस सेंटर तथा प्रेसिम के केंसी पांचाल ने ऑनसाइड इमरजेंसी मैनेजमेंट प्लान एंड प्रेसिम इंडस्ट्रीज पर व्याख्यान दिए। इस


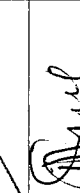
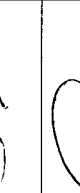
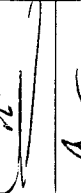
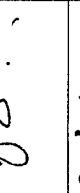


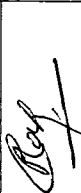
अवसर पर उपस्थित अतिथियों ने

निरीक्षण करने के साथ ऑफ, ऑनसाइड मैनेजमेंट प्लान मॉकड्रिल का अवलोकन भी किया।

प्रेसिम उद्योग परिसर में आयोजित इस कार्यशाला में उपस्थित उद्योग के प्रतिनिधियों ने भी विभिन्न समस्याओं, सुझावों व अपने अनुभवों को उपस्थित विशेषज्ञों के साथ बांटा। कार्यशाला के आयोजन में प्रेसिम के पर्यावरण प्रभारी टीएम सुनार व प्रदूषण विभाग के उपक्षेत्रीय अधिकारी डॉ.एसबी तिवारी ने भी योगदान दिया। संचालन विभाग के वैज्ञानिक राजेन्द्र चतुर्वेदी ने किया। आभार विभाग के क्षेत्रीय अधिकारी पीके त्रिवेदी ने माना।-मिग

**Awareness-cum-Training Workshop
on Chemical Emergency - Preparedness & Response
Nagda, Dist. Ujjain**

Monday, 31st October 2011

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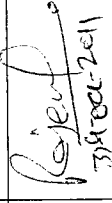

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