



Madhya Pradesh Pollution Control Board

Emergency Response Centre



Chronology of Reported Chemical Accidents in the State (Year 2010 to 2024)

S.No.	Incident	Date
1.	Incident of Chlorine leakage at M/s Orient Paper Mill, Amlai, Dist. Shahdol	21.09.2024
2.	Incident of major blast ar fire cracker factory at dist. Harda	06.02.2024
3.	Incident of Acid leakage at M/s Grasim Industries, Nagda, Dist. Ujjain	05.01.2022
4.	Incident of leakage of Hydrochloric acid from tanker in dist. Raisen	23.12.2021
5.	Incident of spillage of Oleum at an industry at Meghnagar, Dist. Jhabua	20.03.2018
6.	Incident of leakage of Propylene gas during Transportation	28.12.2015
7.	Fire incident at M/s Nagda Chemicals, Nagda, Dist. Ujjain.	29.04.2015
8.	Gas leakage incident at M/s Orient Paper Mill, Amlai - G	19.12.2014
9.	Incident of Gas leakage from GAIL pipeline in district Ujjain.	18.12.2014
10.	Incident of Chlorine Leakage at M/s Super Speciality Organics, Mandideep, Raisen	29.11.2014
11.	Chlorine leakage incident at M/s Orient Paper Mill, Amlai	22.11.2014
12.	Incident of Major Explosion at M/s Micromech, Govindpura, Bhopal	27.07.2014
13.	Fire incident at crackers factory in Badnagar, Dist. Ujjain	03.05.2014
14.	Leakage of gas from CBM Project well head at village Lalpur, Dist. Shahdol.	20.03.2014
15.	Chlorine leakage incident at Govindpura industrial area, Bhopal	05.03.2014
16.	Fire incident at Propane Recovery Unit – 2 during	25.01.2014

	Boroscopic inspection at GAIL, Guna	
17.	Incident of massive fire at M/s Advance Crop Care, Rau, dist. Indore.	30.06.2013
18.	Chemical spillage at M/s Lanxess India Pvt. Ltd., Birlagram, Nagda, Dist. Ujjain	30.04.2013
19.	Fire incident at M/s Bharat Heavy Electricals Limited, Govindpura, Bhopal	10.10.2012
20.	Accident during road transportation of chemical in Dist, Ujjain	27.07.2012
21.	Road accident during transportation of chemical in dist. Shahdol.	19.05.2012
22.	Blast at M/s Great Galleon Limited, Vill. Sejwaya, Dist. Dhar	26.11.2011
23.	Incident of Explosion in M/s Special Blast Pvt. Ltd, Waidhan, Dist. Singrauli	29.11.2011
24.	Explosion at M/s Mandu Distillery, Vill. Labeled, Dist. Dhar	26.11.2011
25.	Spillage of Chemical during road transportation in dist. Ujjain	26.11.2016
26.	Accident at Basic Drug Unit M/s IPCA Laboratories Limited, Ratlam	17.11.2011
27.	Incident of Gas leakage at M/s BHEL's 12 MGD Water Treatment Plant, Bhopal	22.08.2011
28.	Leakage of oil from M/s Bharat Oman Refineries Limited, Bina, Dist. Sagar	23.07.2011
29.	Spillage of Chemical at M/s Lanxess India Pvt. Ltd., Birlagram, Nagda	05.02.2011
30.	Suspected leakage of chemicals at M/s M/s ShivTek Industries, Purena, Dist. Sagar	24.01.2011
31.	Leakage of Chlorine at M/s Hukumchand Jute Industries, Amlai, Dist. Shahdol	06.01.2011
32.	Acid spillage incident at Goharganj, dist. Raisen during road transportation.	05.06.2010

Brief Information on Reported Accidents during last 15 Years

1. Incident of Chlorine leakage at M/s Orient Paper Mill, Amlai, Dist. Shahdol

Incident of chlorine leakage occurred at M/s Orient Paper & Industries Limited at Amlai, Dist. Shahdol on September 21, 2024 at around 1940 hours. The gas leakage is reported to have occurred from the vent of HCl furnace in caustic soda plant due to breakage in chlorine manometer tube. The leakage was controlled within 5-6 minutes as per the industry version. Approx 20 persons in the nearby area experienced coughing & eye irritation, 12 of them were admitted to the Medical college at Shahdol and the condition of all was stable. Two teams of Shahdol and Satna office of M.P. Pollution Control Board reached the site and coordinated with district administration and the industry management. Details enclosed.

2. Incident of major blast at fire cracker factory in dist. Harda.

Incident of a major blaze followed by severe blast was reported at fire crackers factory, classified under red category of industries, at Harda on 06.02.2024. As per news reports 11 people were killed and several injured. The matter was looked after by Deptt. of Explosives. The M.P. Pollution Control Board performed monitoring of ambient air, ground water and soil and submitted the report. The case is under consideration of H'ble National Green Tribunal (CZ), Bhopal. Details enclosed.

3. Incident of Acid leakage at M/s Grasim Industries, Nagda, Dist. Ujjain

An incident of leakage of Sulphur trioxide gas at Carbondisulfide plant of Staple fibre division was reported at M/s Grasim Industries, Nagda on 05.01.2022. The leakage occurred in the valve near evaporator during routine cleaning process of oleum line. The leakage was controlled within few minutes. About 15 people reported redness and irritation in eyes. All were given primary treatment and discharged from the hospital. Report enclosed.

4. Incident of leakage of Hydrochloric acid from tanker in dist. Raisen.

An incident of leakage of hydrochloric acid from a tanker, no. MP-09/HF-9163, during transportation from M/s Lanxess India Pt. Ltd., Nagda to M/s Barbaric Tie Up Pvt. Limited, Raipur was reported at village Noorganj, Tehsil Udaipura, dist. Raisen on 23.12.2021. No casualties were reported. The spilled acid was reported to be neutralized at the site. The analysis of water/waste samples at accident site were found to be acidic in nature. Report enclosed.

5. Incident of spillage of Oleum at an industry at Meghnagar, Dist. Jhabua

An incident of leakage of fuming sulphuric acid occurred at an M/s Trent Chemical Industry, Dist. Jhabua on 20.03.2018 during off-loading of tanker in the premises. One worker got injured and was discharged from the hospital after primary treatment. No loss of property or life was reported. Report attached.

6. Incident of leakage of Propylene gas during Transportation in district Seoni.

An incident of spillage of propylene gas took place on 28.12.2015 at village Aronia in dist. Seoni during transportation from Mathura to Chennai. No damage or loss of life was reported. An FIR was registered by police under Motor Vehicle Act. Report enclosed.

7. Fire incident at M/s Nagda Chemicals, Nagda, Dist. Ujjain

An incident of fire occurred due to short circuit at M/s Nagda Chemicals, Nagda in district Ujjain on 29.04.2015 during maintenance of storage area. Two FRP tanks caught fire which was controlled soon and no injury or casualty was reported. The incident was brought under control within 15 minutes and there was no loss of life or property.

8. Gas leakage incident at M/s Orient Paper Mill, Amlai

An incident of chlorine gas leakage was reported from the chlorine storage tank at M/s Orient Paper Mill, Amlai on 19.12.2014. The leakage was controlled in about 10 minutes time. The affected people of surrounding area were given primary treatment and later discharged. No major injury or casualty was reported. Detail of incident is attached.

9. Incident of Gas leakage from GAIL pipeline in district Ujjain.

An incident of leakage of natural gas was reported at village Ingoria, Unhel, Dist. Ujjain in the night of 18.12.2014. The accident caused due to borewell drilling in the area by a farmer resulting in rupture of gas pipeline. The line valves in the nearby area were immediately closed to isolate the pipeline of about 30 kms. The gas was safely released into the atmosphere through gas vents. No loss of property or life was reported.

10. Incident of Chlorine Leakage at M/s Super Speciality Organics, Mandideep, Raisen

An incident of Chlorine Leakage from tonners stored at the premises at M/s Super Speciality Organics, Mandideep, Raisen occurred on 29.11.2014. A total of 47 people suffered minor injury and all were discharged from the hospitals after giving symptomatic treatment. The industry was issued an advisory for necessary steps to be taken from their end. Detail report attached.

11. Chlorine leakage incident at M/s Orient Paper Mill, Amlai

An incident of chlorine gas leakage from Hypochlorite plant was reported at M/s Orient Paper Mill, Amlai on 22.11.2014. The leakage was controlled in about 25 minutes. A total of 17 people were reported to be affected and most of them were discharged after primary treatment at industry's hospital. No major injury or casualty was reported. Detail of incident is attached.

12. Incident of Major Explosion at M/s Micromech, Govindpura, Bhopal

A major chemical blast at a fibre manufacturing industry M/s Micromech, occurred at Govindpura industrial area, Bhopal on 27.07.2014. One person was killed and 2 workers received injuries. The advisory/recommendations in the incident were issued to prevent the recurrence of such incidents. The concerned departments handled the case. A detail report is enclosed.

13. Fire incident at crackers factory in Badnagar, Dist. Ujjain

An incident of major fire was reported at a firecrackers factory in Badnagar, Dist. Ujjain on 03.05.2014 due to blast in raw material/gunpowder. The factory was operating illegally without consent from the State Pollution Control Board. The district administration investigated the matter. A total of 15 people lost their life and 04 others were injured, as per reports.

14. Leakage of gas from CBM Project well head at village Lalpur, Dist. Shahdol.

An incident of gas leakage from Well No. DW-59 at CBM project of M/s Reliance Industries Limited in village Lalpur Semra, Dist. Shahdol was reported on 20.03.2014. The leakage occurred due to high gas pressure and snag developed in the well valve. The well is spread in an area of about one acre. Action to replace the damaged valve was taken up immediately. The entire exercise of replacing the valve took about 3 hours. No loss of life or property was reported. The MPPCB officials inspected the accident site on the same day and instructed the industry to observe all due precautions in operations.

15. Chlorine leakage incident at Govindpura industrial area, Bhopal

An incident of chlorine leakage occurred at M/s Laxmi Sales Agencies in Bhopal on 05.03.2014 during profile cutting of a scrapped chlorine cylinder. A CISF personnel and two workers sustained injuries in the incident. The chlorine cylinder was neutralized by the MPPCB officials and remained at the site till the situation became normal. Recommendations were issued by the MPPCB to prevent recurrence of such incidents. Report attached.

16. Fire incident at Propane Recovery Unit – 2 at GAIL, Guna

An incident of fire occurred at Propane Recovery Unit-2-GT (Tr-12) on 25.01.2014 in Gas Authority of India Limited (GAIL), dist. Guna during boroscopic inspection. A total of six employees, including 2 contractual staff, suffered burn injury who were referred to Indore after primary treatment at GAIL local hospital. M/s GAIL constituted a Committee to investigate the matter. The MPPCB officials inspected the site on the following day.

17. Incident of massive fire at M/s Advance Crop Care, Rau, dist. Indore.

An incident of massive fire was reported at a pesticide unit M/s Advance Crop Care, Rau in dist. Indore on 30.06.2013 which gutted the entire factory and created panic in the surrounding area due to penetrating odour of chemicals. Few people were reported to be injured in the incident. Some of the affected people experienced redness and inflammation in eyes. The district administration alerted the services and brought the fire under control.

18. Chemical spillage at M/s Lanxess, Nagda, Dist. Ujjain

An incident of spillage of Thionyl chloride occurred at M/s Lanxess India Pvt. Ltd. In Nagda, dist. Ujjain on 30.04.2013 due to accidental breakage of online rotameter in the line. About 15-20 kg of gas leaked during the spillage which travelled towards village Durgapura due to wind direction. Some people experienced breathing discomfort and all were taken to hospital for primary treatment. The affected ones were discharged from the hospital in a day's time. No loss of life or property was reported in the incident. The spillage was stopped by the industry personnel within half an hour time.

19. Fire incident at M/s Bharat Heavy Electricals Limited, Govindpura, Bhopal

A Major fire broke out in testing area of transformer block no. 3 which caused severe structural damage due to uncontrolled heat radiations. Fire tenders from Police Fire Station, BMC, M/s IOCL etc were pressed into service. Machine and material support was sought from the other major industries in the city and adjoining districts.

The ERC team rushed to the site and coordinated the matter with Chairman, DCG, SP, Bhopal and Director DIHS who were present at the spot. Advice was given to the BHEL officials to smoothen the fire fighting process.

20. Accident during transportation of chemical in Dist, Ujjain

A tanker, carrying Sodium hydroxide from M/s Grasim Industries, Nagda to Dewas, overturned due to bad weather and road condition at Chintamani Road near Ujjain on 27.07.2012 claiming 03 lives. There was no spillage of chemical at the accident site. The case is covered under Motor Vehicle Rules, however, the R.O. Ujjain and ERC contacted the industry and enquired into the matter.

21. Road accident during transportation of chemical in dist. Shahdol.

Tanker no. MP-09/KD-6139 carrying 12.5 MT soda lye from M/s HJI, Amlai to M/s B. Roshanlal & Chemicals Pvt. Ltd. Indore collided with bus and overturned on 19.05.2012. No leakage of soda lye has been reported in industry's e.mail dated 25.05.12. NDMA letter no. 5-78/2011/mitigation dated 24.05.12 was responded immediately to assist the RO. Timely assistance was provided to RO, Shahdol on getting information from sources. Technical literature and other info, as desired by Collector, Shahdol, was forwarded immediately. RO reported casualty of 4 people due to accident impact, not due to chemical.

22. Blast at M/s Great Galleon Limited, Vill. Sejwaya, Dist. Dhar

A blast in activated charcoal chamber was reported on 26.11.2011 at the industry killing 02 workers. The Regional officer attended the matter at site.

23. Incident of Explosion in M/s Special Blast Pvt. Ltd, Waidhan, Dist. Singrauli

Explosion in production unit during night on 29.11.2011. The plant manufacturers bulk emulsion explosive. One person died and one sustained serious injuries.

24. Explosion at M/s Mandu Distillery, Vill. Labed, Dist. Dhar

Two workers died and some workers injured due to explosion in carbon dioxide recovery tank in the industry on 26.11.2011. The gas was being charged in the activated carbon chamber (Cap. 10 KL) in compressed form.

25. Spillage of Chemical during road transportation in dist. Ujjain

Spillage of Benzyl Acetate from a transport carrier RJ-14/2G-4641 carrying the chemical from M/s Lanxess India Pvt. Ltd., Nagda on 26.11.2011. The vehicle has been ceased by the Police. The chemical has been adsorbed using adsorbent and the contaminated soil has been collected from the site for safe disposal at Pithampur disposal site. No one injured, as reported by Police Station, Birlagram.

26. Accident at Basic Drug Unit M/s IPCA Laboratories Ltd., Ratlam

Accident occurred on 17.11.2011 at Basic Drug Unit of M/s IPCA Laboratories Ltd., Ratlam during AFN process causing injury to workers. Three workers were admitted at Ratlam hospital and one was referred to Indore hospital.

27. Incident of Gas leakage at M/s BHEL's 12 MGD Water Treatment Plant, Bhopal

A leakage of Chlorine gas from 900 kg tonner was reported on 22.09.2011 at 1945 hours at 12 MGD water treatment plant of M/s BHEL at Arera Hills Bhopal. Monitoring and inspection team of ERC and MPPCB visited the site for monitoring at the affected site and extending technical support.

28. Leakage of oil from M/s Bharat Oman Refineries Limited, Bina, Dist. Sagar

An incident of leakage of oil was reported from sulphur recovery plant at M/s Bharat Oman Refineries Limited, Bina, on 23.07.2011. No one was injured nor the surroundings were affected. The Regional officer, MPPCB, Sagar and the ERC attended the matter,

29. Spillage of Chemical at M/s Lanxess India Pvt. Ltd., Birlagram, Nagda

An incident of Spillage of HCl (31%) from HCl Storage tank at M/s Lanxess India Pvt. Ltd., Birlagram, Nagda was reported on 05.02.2011 at 1130 hours. Spilled acid was collected in a pit and diluted and later neutralized by adding lime. The incidence was controlled within 10 minutes time by shutting the supply valve of tank.

30. Suspected leakage of chemicals at M/s M/s ShivTek Industries, Purena, Dist. Sagar

Suspected leakage of HCl/Chlorine gas from M/s ShivTek Industries and M/s Shiva Exim Enterprises in Purena industrial area in dist. Sagar during transfer of HCl from the storage tank to transport vehicle was reported on 24.01.2011. A man and 3 womed suffered due to gas inhalation. The affected were admitted to the district hospital, Katni and were discharged on 27.01.11. The situation was normal at the time of inspection and the incidence has been described by RO as a routine process.

31. Leakage of Chlorine at M/s Hukumchand Jute Industries, Amlai, Dist. Shahdol

An incident of Chlorine leakage from compressor due to blowing of seal in HCl plant, i.e. machinery failure on 06.01.2011. However, the situation was brought under control within 5 minutes. No loss of life or property was reported.

32. Acid spillage incident in district Raisen during road transportation.

An incident of spillage of acid was reported on 05.06.2010 at village Hat Khamariya, Goharganj, Dist. Raisen due to overturn of tanker no. MP-23/DA-1031 during transportation of acid from Nagda to Jabalpur. Acid was spilled in an area of about 500 meters causing unrest situation among the villagers due to irritation in eyes. No casualty or casualty was reported. Monitoring of ambient air using Graeger tubes was carried out. Monitoring of soil and ground water was also performed.
