


MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701		Kalpataru Point, 2nd - 4th Floor
Fax: 24024068 / 24023515		Opp. Cine Planet Cinema,
Website: http://mpcb.gov.in		Near Sion Circle, Sion (E)
E-mail: ast@mpcb.gov.in		Mumbai-400 022.

No. MPCB/AST/Circular/TB-200511

Date: 11/05/2020

Circular

Sub:- Strict safety precaution to be taken before resuming operations of units after COVID-19 lockdown.

Ref:-

1. CPCB letter No. B-29014/IPC-I/MSIHC/2020 dtd 08-May-2020.
2. Circular No.48 issued by Directorate of Industrial Safety and Health (DISH) dtd 08-May-2020.
3. GOI letter No. 1-137/2020-Mit II dtd 09-May-2020

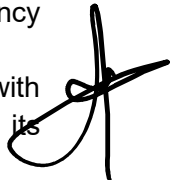
Govt. of India and Govt of Maharashtra published various Acts, Rules and Notification for proper operations of the units from time to time and it is mandatory on part of the every Industry/establishments to operate their unit in accordance with the provisions of law.

Maharashtra Pollution Control Board has granted conditional consent to operate to the units under section 26 of Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air Water (Prevention & Control of Pollution) Act, 1981 and under rule 5 of Hazardous & Other Waste (Management and Transboundary Movement) Rule, 2016 by stipulating certain terms & conditions therein and it is also mandatory on the part of every industry/establishments to comply with the conditions stipulated in the consent.

Ministry of Home Affairs, National Disaster Management Authority Gov. of India vide letter No. 1-137/2020-Mit II dated 09/5/2020 published guidelines on restarting manufacturing industries after lockdown period and it should be strictly followed by all industries before resuming their production activity.

As the country facing COVID-19 pandemic and current lock down situation, most of the industries are not in operation and while resuming the operation of the unit there is possibility of mishap resulting accident hazard causing consequences to the living being & environment. Considering some serious cases of chemical leakage & industrial mishap reported recently, the following shall be observed by Industries which were not in operation during lockdown period and now wants to resume the operations:

1. A proper safety and hazard audit should be undertaken by all units before resuming operation. After COVID 19 lockdown period, the Industries that manufacture, store or import hazardous chemicals shall resume their operations, only after ensuring adequate and necessary steps to prevent the occurrence of any chemical leakage/accident.
2. All the units engaged in the manufacture, storage, handling or import of Hazardous Chemicals shall comply with the stipulated provisions of the Manufacture, storage, and import of Hazardous Chemical Rules 1989 and the Chemical accidents (Emergency Planning, Preparedness, and response) Rules 1996 without fail.
3. Units shall ensure that the pollution control equipment, connectivity of OCEMS with CPCB/SPCB servers, effluent treatment plants including safety equipment and its



machineries shall be in operational condition before resuming operations. Also ensure emission/gas scrubbing/treatment system is in operation, wherever gas generation/release from the process is known.

4. The hazardous and other waste generated in the establishment shall be sent or sold to an authorized actual user or shall be disposed of in an authorized disposal facility within time limit prescribed by MPC Board.
5. Units shall take utmost care in handling hazardous chemical with the help of trained manpower only.
6. Units shall ensure that environmental norms are not violated in any manner and shall ensure safety of workers and residents in the vicinity.
7. Units shall identify the potential acute hazards and concerns that are inherent in the manufacturing process & shall ensure adequate mitigations measure against each hazard.
8. Units shall ensure that pressure relief system (Rupture Disc/ Pressure release valve/ Breather valve/ Vents etc.) are in working condition and are adjusted the required limit /size.
9. Units shall ensure that chemicals are stored and handled as per Chemical compatibility to avoid any untoward incidents.
10. Units shall ensure that Automation interlocks provided to the Process equipment/ pumps/ auxiliary tanks and piping are working properly.
11. Units shall ensure adequate measures are taken to mitigate the risks arising out of Human errors for critical operations especially where reaction are of Exothermic in nature/wherever there are chances of runaway reaction.
12. Units shall ensure that adequate measures are taken to mitigate the risks arising out of utility failures for certain critical operations.
13. Units shall ensure that all pressure gauges, temperature sensors, pressure relief devices of critical equipment are calibrated and are in working condition.
14. The unit shall obtain necessary permission from the committee constituted under the Chairmanship of Collector wherein the officer of DISH, MIDC and MPCB are the members.
15. Prior to resume the operation of Hazardous Chemical handling unit, intimation to MPC Board and Director of Industrial Safety & Health (DISH) department shall be given online by uploading/submitted the following information along with intimation letter:
 - a. A copy of Onsite and off-site emergency plan.
 - b. A copy of report of the safety audit carried out as directed in para 1 above.
 - c. Details of action, if any, taken in pursuance of the safety audit.
16. Unit shall specify the probable antidote for the gases/emissions inhaled after an accident.
17. The information to be submitted along with intimation letter is given in annexure.
This circular will come in force with immediate effect.

(E. Ravendiran, IAS)
Member Secretary

Copy for favour of information to:
The Hon'ble Chairman, MPC Board, Sion, Mumbai.

Copy to:

1. All HODs MPCB - for information and necessary action.
2. The System Officer, MPCB- For display on Board's Website.

Format to be attached with Intimation letter

Sr. No.	Particulars	Information			
01	Name of Unit & Address				
02	Consent Status				
	No. Validity				
03	Date of stoppage of activity Probable date of resuming activity				
04	Trade Effluent Generation in CMD				
	Treatment System Provided				
	Operational Status of the ETP				
	Last Maintenance date				
	Operational status of online Monitoring system. Connectivity to Board Server	Yes/No			
05	Sewage Generation in CMD				
	Treatment System Provided				
	Operational Status of the STP				
	Last Maintenance date				
06	Air Pollution Control System				
	Sources	Probable gases/emission	APC Provided	Operational status	Last Maint. date
	Boiler/Thermo Pack/Hot Air Gen.				
	Process Vents (Specify Name of process/reaction vessel)				
07	Hazardous Waste Management				
	Category & Name of HW	Quantity stored within premises in MT	Have you stored waste as per guidelines		
			Yes/No		
08	Manufacturing related Inf.				
a	All process safety information are available and is complete, current, and accurate. The information is accessible to the employees.	Yes / NO / Not applicable			
b	The process hazard analysis is available for the process .	Yes / NO / Not applicable			
c	All safety procedures are available and are implemented.	Yes / NO / Not applicable			
d	All chemical handling procedures have been developed, or modified, and are implemented.	Yes / NO / Not applicable			
e	All maintenance procedures have been developed, or modified, and are implemented.	Yes / NO / Not applicable			
f	All emergency action procedures have been developed, or modified, and are implemented.	Yes / NO / Not applicable			

g	Training has been completed for all employees involved in handling hazardous chemicals.	Yes / NO / Not applicable
h	Training has been completed for all employees that are required to respond to emergencies involved in the process	Yes / NO / Not applicable
i	Is Job safety Analysis available for all critical and Hazardous activities.	Yes / NO / Not applicable
08	Other Information in case of accidents	
a	Details of probable gasses/emissions will be released in case of accidents	Submit copy of safety audit report.
b	Details of action, if any, taken in pursuance of the safety audit.	
c	Probable antidote for emissions inhaled.	
d	Onsite and offsite emergency plan	Yes/No (if Yes, Submit copy)

Seal

Signature of Authorized Person