

# MAHARASHTRA POLLUTION CONTROL BOARD

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MPCB/EIC/LIMS/2 10730-FIS-0157

Date: 30/7/2021

## Circular

Sub: Implementation of newly Developed "Laboratory Information Management System" (LIMS) Module

As a part of routine inspection, field officers conduct visits to various establishments and simultaneously collect samples from multiple locations i.e. industries. These collected samples are analyzed at Regional/Central laboratory based on type of samples and results are shared with technical officers so that suitable action can be initiated against certain establishments, if contraventions/ exceedances are noticed. To carry out the analysis of samples at laboratories technical Officer submits field observations along with required parameters. In current scenario technical team and laboratories are using two standalone system without any integration and also, at some of the locations manual procedure is still followed.

Therefore, in view of above, Board has initiated development of new "Laboratory Information Management System (LIMS)" which has been integrated seamlessly with existing Integrated Management Information System (IMIS) through which any field officer can process/submit the samples. Once submitted, the sample will be marked to concerned Laboratory and the same can be analyzed and results can be uploaded. This system provides an end-to-end solution and encryption for sample processing making it easier for authority to take appropriate action based on sample analysis reports.

Features of LIMS & Sample registration are as below:

- Barcode Generation and Sample Registration
- Pre-requisite Information submission
- Sample Analysis
- Asset Inventorisation and Management facilitation
- Report Generation & Dashboard

Since, LIMS system has been made live, it is hereby directed to all the Technical and Scientific Officers to use this newly developed "Laboratory Information Management System (LIMS)" portal for submitting samples for water, air and hazardous waste and processing of sample, which includes generation of COA. All Technical and Scientific Officers are instructed to adopt this LIMS module and they should not follow manual process henceforth.

This Circular comes into immediate effect.

(Ashok Shingare, IAS)  
Member Secretary

Copy submitted for information to:  
Hon'ble Chairman, Maharashtra Pollution Control Board

Copy to:

- 1 AST/PSO/JD-Air/JD-W/RO-HQ/CAO/EE/AO-EB/LO-1/LO-2/SO, MPCB, Mumbai
- 2 All RO's/ All SRO's MPCB