



No. 01-DD (Labs) /EPA/247
ENVIRONMENTAL PROTECTION AGENCY
GOVERNMENT OF THE PUNJAB
National Hockey Stadium, Gate No. 08
Gaddafi Stadium Complex, Lahore
Dated: 25/07/2022



042-99231854

To,

1. All DD (Labs) EPA Punjab
2. All DD(Env) EPA Punjab
3. All AD (Env) / ROs, EPA Punjab
4. All RAs / Inspectors, EPA Punjab

Subject:- IMPLEMENTATION OF CONDITIONS OF CERTIFICATE ISSUED TO PRIVATE LAB

It has been observed that the private certified Labs are issuing environmental testing reports without complying conditions of Lab certificate and the same are being entertained by EPA officials. The copies of certificates are available on EPA Website.

Therefore, all the concerned officers are directed to ensure the implementation / compliance of following conditions to ensure QA/QC under Environment Lab Certification Rules, 2000 with true letter & spirit.

1. The Backside of testing report should reflect Pictorial evidences of visits / sample collection with GPS map camera (App on Google play) to determine location, latitude, Longitude, date and time of sampling for verification by EPA and the failure to which shall not be entertained / accepted.
2. Validation Performa shall be issued by concerned / designated official which shall be reflected on top of each testing report along with enclosure of filled and signed Performa and the failure to which no test report shall be entertained / accepted. The officer designation according to their mandate of validation as per condition of certificate is prescribed with sample Performa.
3. The private Lab is bound to submit each testing report, invoice, etc to EPA Lab, Lahore. The EPA District Offices while receiving /entertaining testing reports of industrial units shall ensure that the receipt of same testing report has already been given by EPA Lab to private Lab.

All the officers are directed to ensure the compliance of above said instructions /conditions and failure to which will attract proceedings as per PEEDA ACT.

Director General

CC:

1. All Director, EPA Punjab
2. All Deputy Director (Labs), EPA Punjab, Lahore
3. All Assistant Directors EPA Punjab
4. All Certified Laboratories of EPA Punjab
5. One window Cell EPA Punjab, Lahore

Director (ML & I)



**ENVIRONMENTAL PROTECTION AGENCY
GOVERNMENT OF THE PUNJAB
National Hockey Stadium, Gate No. 08
Gaddafi Stadium Complex, Lahore**



Validation for Stack & Ambient Monitoring / Sampling

Emission Monitoring under CTM-34 or OTM-39					
Facility Name & Address Phone			No of Stacks /Sampling Point		
Industry Category					
Analyzer Model & Make					
Average stack emission Values of CO, NOx (in mg/nM3)					
Excess Air / Excess Oxygen (%age):-					
Analyzer exposed for Ramp-Up phase to the sample gas for 5 minutes			Yes	NO	NA
Analyzer flow rate and EC temperature monitored during calibration and testing			Yes	No	NA
Test Data Phase of sample gas recorded with 15 second interval			Yes	No	NA
All key requirements to ensure QA/QC complied for said EPA approved Method			Yes	No	NA
Particulate Matter (PM) Monitoring / Sampling under USEPA Method 5 / 17					
Model & Make of Iso-kinetic PM Assembly					
The PM sampling train is complete as per Method 5 & 17			Yes	No	NA
Leak Test performed prior to sampling			Yes	No	NA
Field data Sheet for PM Sampling filled during PM sampling			Yes	No	NA
Data for determining of "K" factor & DGM "Y" Factor filled during sampling			Yes	No	NA
All method key requirements during sampling were compiled to ensure QA/QC			Yes	No	NA
Filter of Particulate matter is suitable for metal Testing			Yes	No	NA
SOx sampling as per Method 8 (Thorin Indicator Method)					
The right absorbent solution are available for SOx Sampling			Yes	No	NA
The equipment is capable to maintain flow rate @ 2.0LPM or as per method 8 requirement			Yes	No	NA
Sampling for SOx is performed as per method			Yes	No	NA
Ambient Air Quality Monitoring by Automatic Monitors for CO, O3, SO2, NOx, PM2.5 & PM10					
In case of continuous monitoring at a site, One Point QC Check Single analyzer & Zero/span check is performed every 14 days.			Yes	No	NA
The CE of NOx analyzer is ensured to be maintained within 96% - 104.1%			Yes	No	NA
Zero/span check is performed prior to starting ambient monitoring			Yes	No	NA
All key requirements for Critical & Operational Criteria for ambient air monitoring by automatic monitors were compiled during monitoring			Yes	No	NA
The measuring techniques of monitors comply PEQS			Yes	No	NA
Ambient Air Sampling of SPM, PM10, Pb by High Volume Sampler					
In case of Sampling for SPM through samplers, the flow rate of sampler comply PEQS (1.1m3/min).			Yes	No	NA
Calibration of Sampler performed prior to sampling			Yes	No	NA
Vehicular Emissions & Noise Measurement					
Sampling of Vehicle emissions and noise measurement have been performed as per method and SOPs			Yes	No	NA

Remarks (if Any):-

Dated

Signature

Name of EPA Officer with office Address

PA- / PO- / DD (if any)

Signature

Name of Assistant /Deputy Analyst, Analyst

with Name of Private Lab along with Address



**ENVIRONMENTAL PROTECTION AGENCY
GOVERNMENT OF THE PUNJAB
National Hockey Stadium, Gate No. 08
Gaddafi Stadium Complex, Lahore**



Validation for Wastewater & Drinking Water

Facility /Project Name & Address					Sampling Point			
Phone								
Waste Water (WW) Treatment facility Primary Secondary Tertiary NA					Drinking Water (W) Treatment Facility -----			
Total WW collected Sample					Total Collected Drinking water samples.....			
Sample Tag for testing parameter is assigned on sample container					Yes	NO	NA	
Sample is preserved properly for each testing parameter					Yes	NO	NA	
Sample size is adequate for testing the target parameters					Yes	NO	NA	
Wastewater Flow Measurement performed to ensure sample representativeness					Yes	NO	NA	
No. of Waste Water outlets	Waste Water Flow m ³ /hr from each outlet (Optional)	Water intake m ³ /hr (Optional)	Water Mass balance complied during sampling (Optional)	Sample Type				
				Yes No Grab Composite				
Parameter	Matrix		Container	Sample Size	Preservation	Yes	NO	NA
	W	WW						
Coliform, Total or Fecal			Sterile Container	100 mL	Refrigerate 6 C			
Coliform, Total or Fecal, Chlorinated Water			Sterile Container	100 mL	0.008% Thiosulphate & cooled 6 C			
Color, Turbidity			P,G	500 mL	Cool 6 C			
Hardness, Total			P,G	500ml	HNO3 to pH<2			
Nitrogen, Nitrate + Nitrite, Phenolic Compounds, Oil & Grease, COD, NH3			P,G	2000 mL	H2SO4 to pH < 2, Cool 6C			
Metals, General			P,G Rinsed 1.1 HNO3	500 mL	HNO3 to pH < 2			
Cyanide, Total			P,G	500 mL	NaOH to pH > 12, Cool 6C			
Pesticides, General			Glass	1 Liter	Cool 6 C			
Field Parameters*								
Field parameter		pH meter, Model Make		Measurement Method	Calibrated in Field	Measured value		
pH					Yes NO			
Temp								
Cl								

* Field testing parameters only be validated by RAs, ROs, DD (Labs)

Remarks for Sample Quality (if Any):-

Dated

Signature

**Name of EPA Officer with office Address
Inspectors /RAs / ROs or ADs /DDs**

Signature

**Name of Assistant /Deputy Analyst, Analyst
with Name of Private Lab along with Address**