

# Your Laboratory Resource for Environmental Analytical Analysis

## Delivering value to industry

Since 1972 CleanAir Engineering has been a global leader in the air quality industry. We have a long tradition of resource management, and a passionate commitment to protecting our environment.

Clean Air's Laboratory personnel are committed to providing Performance beyond Measure. We do this by first gaining a deep understanding of our client's needs and business objectives. Then, leveraging our technical knowledge, innovative thinking, and vast equipment resources we deliver the highest overall value for your project!

Our complete service offerings are designed to deliver value to utilities, manufacturers, power generators, and plant operators who need to meet their goals. Please contact us for more information about analysis and how our Laboratory team can help with your next project.

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# NELAC Accredited

## Ion Chromatography

- Full pre-calibration and post-calibration per project
- Pre and Post calibrations must be within 5% of the average (a Method 26 requirement)
- Quick turn-around time available
- Consistently pass third party audit samples



## Gravimetrics

- Pictures of each sample available in every report
- Fully defensible calculated MDL for every rinse type. MDL's as low as 0.25mg!
- Proprietary anti-static measures used to obtain truly repeatable measurements
- Quick turn-around time available



## Titrimetric

- Consistently passes third party audit samples
- Low, fully defensible calculated MDL
- Quick turn-around time available



## Gas Chromatography

- Full sample spike procedure performed to help validate sampling technique performed per project (a Method 18 requirement)
- Low MDL's for common analytes
- Quick turn-around time available



# Other Services

## Fly Ash Resistivity

- Help model or diagnose electrostatic precipitator problems
- CleanAir is one of the most knowledgeable in the country regarding resistivity analysis
- Analyze at various moisture or acidic concentrations to best match expected ESP conditions



## Bulk Particle Sizing

- Help diagnose precipitator problems
- Non-destructive analysis used, easier to get further size specific chemical analysis or characterization



## Sorbent Trap Mercury Analysis

- Quick turn-around times available
- Every analyzer is annually certified with a Bias test, MDL, and spike recovery study
- Calibrated each analysis day



## Scrubber Stoichiometry

- Skilled in EPRI FGD methods
- Perform QA program including sample spikes, duplicate, and QC standards to ensure a quality analysis every time



## Volatile Content of Paints, Inks, and Coatings

- Skilled in EPA Method 24 and 24A
- Can manually perform a proprietary version of the Karl-Fisher titration for the most accurate results



### CleanAir Offices

Chicago  
(Palatine)  
+1 847 991 3300

Houston  
+1 281 443 6941

Knoxville  
+1 865 938 7555

Pittsburgh  
+1 412 787 9130

Seattle  
+1 253 447 7951

Marseille, France  
(CleanAir Europe)  
+33 (0) 4 91 87 82 10

Jubail, Saudi Arabia  
+966 (0) 3 341 9355

[www.cleanair.com](http://www.cleanair.com)  
[contact@cleanair.com](mailto:contact@cleanair.com)

