

## Ethanol Plant Testing

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ARI offers complete air testing services for ethanol production plants throughout the Midwest.

Our experienced staff uses propriety sampling equipment to perform the rigorous testing required by the USEPA and state agencies.

Typical sampling sources at ethanol plants include RTOs, thermal oxidizers, scrubbers, boilers, turbines and vents.

ARI specializes in performing compliance and engineering tests. The sampling parameters may include VOC using the USEPA Midwest Scaling Factor Method, PM, VE, NO<sub>x</sub>, CO and HAPs.

### VOC Measurements

ARI has been on the ground floor of testing volatile organic compounds (VOC) emissions at ethanol facilities. The USEPA and various state agencies are requiring the use of the Midwest Scaling Factor procedures to determine compliance. This procedure involves measuring both the total VOC using an on-site instrument and 10 individual organic species. A weighted MSF factor is used to calculate the actual VOC emissions for Agency compliance.

***Our goal is to help you  
achieve 100% compliance.***

**For more information on Ethanol Emissions testing or any of ARI's services, please contact:**

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