

### PRICE LIST & TERMS: Effective May 1, 2018 Version VRi.10

Thank you for using VOC Reporting, Inc. (*VRi*) for your analytical needs. Accurate VOC emission testing presents a significant challenge to the stack sampling and laboratory communities.

At *VRi* we encourage our clients to contact us well in advance of field sampling dates to discuss your sampling and analysis protocols and to assure you have all of the equipment needed for each individual VOC emission source. Our goal is to assist you in achieving accurate VOC emission measurements for each source.

Our current prices and terms for US EPA Reference Method 25 (total VOC as carbon) are listed below along with prices for the incorporated Methods 10B for CO and M18 for CH<sub>4</sub>. All analysis prices INCLUDE the use of sample tanks, traps and spares.

# We can measure CO emissions in a Method 25 sample using Reference Method 10B, which is incorporated in Method 25 with some additional calibration steps, for \$85/sample, or \$255 per 3-run test event. Compare that with the cost of fielding and operating a CO continuous emission monitor for the same stack test!

To assist with sample collection, we also have a convenient check list of Method 25 field sampling instructions, including helpful hints. Hard copies are included with our sample controllers along with the latest TNI-approved Method 25 field sampling data sheet, and VRi's Chain of Custody sheet for Method 25 samples. Electronic and downloadable copies are posted on our website, <u>www.vocreporting.com</u>.

VRi also offers a variety of research level services such as:

- VOC in stack condensates and water samples
- Residual VOC in manufactured foams and other products
- Emission test protocol development
- Molecular weight/carbon weight measurement
- Method 25A response factor development.

Call us at no cost to discuss your unique problem!

# PRICE LIST & TERMS for US EPA REFERENCE METHODS 10B, 18 and 25

All prices are FOB, Newberry, Florida. Normal sample turn-around time is 10 working days. Rush service is available at a 50% surcharge for guaranteed five working-days service, and a 100% surcharge for guaranteed 2 working-days service (up to twelve samples). An electronic report and invoice in PDF format are e-mailed directly to our clients. A signed hard copy of the report and QA materials will also be sent upon request.

**TERMS & CONDITIONS of doing business with** *VRi***:** Invoices are due in full within 30 days of the invoice date. Past due accounts are charged 1.5% interest per month. Accounts past due >90 days are subject to >30% collection fees plus interest charges. (Delinquent clients may be required to clear all accounts before receiving further service, and pre-pay for future service.)

<u>VRi's liability is strictly limited to the cost of our contracted services.</u> Only contract VRi for service if you agree completely with our terms and conditions.

**TERMS:** *VRi* equipment must be returned at the user's expense and in good condition to our location shown above: 14260 W. Newberry Rd., No. 136, Newberry Florida 32669. Sample traps must be shipped overnight or <u>by second-day air</u> with <u>30 pounds or more of dry ice</u> in VRi's custom shipping cooler, or a <u>thick-walled</u> Styrofoam cooler packed in a cardboard box, or in a "5-day" type thick-walled plastic cooler. Sample tanks and all other equipment may be sent by ground to save on shipping costs. All sample and equipment shipments to *VRi* must be insured against damage or loss.

### **REPORTS**

### VRi Method 25 analytical reports consist of:

- (1) A case narrative describing the condition of the samples as received, the analytical conditions, and any other noteworthy comments, including complete example calculations for one sample
- (2) A summary of the analytical results in ppm for CO2, CH4 and CO, and in ppmC and mg/dscm for VOC, as appropriate
- (3) Tabulated field and laboratory pressure/temperature and calculated sample volume data
- (4) Tabulated raw and normalized chromatographic response factors
- (5) Sample, blank, and audit-sample raw and normalized gas chromatographic responses
- (6) Chain of Custody sheets
- (7) Calculation protocols
- (8) Laboratory QC data
- (9) Copies of calibration gas certificates of analysis

Please feel free to call if you have any questions, or would like more information.

Sincerely, Charles Simon *VRi* Director

# **US EPA REFERENCE METHOD 25 CURRENT PRICES**

*VRi* supplies clean Method 25 tanks, traps and support equipment for up to 15 days, including transit times, for our clients to use in collecting VOC samples that are returned to our laboratory for analysis. Support equipment includes unheated flow controllers, in-stack glass fiber filters, flow controllers with heated glass fiber filters and heated probes, and audit-gas/ leak-check manifolds with calibrated absolute pressure gauges.

For accurate Method 25 VOC measurement results, use clean, calibrated VRi equipment and follow
Method 25 and VRi equipment instructions completely! Prices subject to change.

<u>Item</u>	Description Service C	Charge (US\$)
Sample Analysis Blank Analysis Audit Gas Analysis	<i>Includes</i> use of <i>VRi</i> M25 tank and trap, if desired, or client's tanks and traps which will be cleaned to the same specifications as <i>VRi</i> equipment and returned to the client.	425
CO and CH4 Analysis	Method-10B & Method-18 when incorporated with M25 analysis Separate bag or canister samples	95 125
Collect M25 audit	Collect an M25 audit sample in the lab from a high pressure tank	225
Manifold	Clean manifold and calibrated absolute digital pressure gauge for Leak-checks & audit sample collection.	95
Probe extension	Narrow bore extension for use with hot (>500°F) stacks no	charge
Unheated M25 Controller with In-stack filter	For use where safety considerations preclude the use of a heated probe and filter, or where a separate Method 5 isokinetic heated probe and filter are used to pull the sample from the stack	135
M25 controller With Heated Probe/filter	Small, lightweight. Some include a calibrated absolute pressure gauge, and all include thermocouple readouts and PID heater controls. For up to 15 days use, including transit times.	395
High moisture Sample surcharge	When two traps are used for high moisture samples (one trap in wet ice followed by one trap in dry ice), both traps are returned and recovered together in the lab. Traps can be recovered separately for an additional charge.	95 + 95/hr. after Two hours
High Moisture High CO <sub>2</sub> High VOC	for samples with >40% H <sub>2</sub> O, or >10% CO <sub>2</sub> , or >50,000 ppmC VOC in the source gas <i>may</i> be charged for extended sample recovery time and/or dilution, if required.	125/hr. after two hours
Trap cleanout	Cleanout of used trap without sample recovery, no analytical data	65
Tank flush	Cleanout of used tank without sample recovery, no analytical data	35
Contaminated tank cleanout	no analytical data, for tanks that must be disassembled and solvent cleaned (e.g., if pump oil is inadvertently drawn into the tank)	145
Restocking fee	for unused tank/trap pairs ordered by the client, no analytical data	55
Special services	<i>VRi</i> offers a variety of research level services such as test protocol development, molecular weight/carbon weight measurement, M-25A response factor development, and VOC in stack condensates, water samples and foam products.	PhD: 225/hr. Call for quote

VRi VOC Reporting, Inc., 14260 W. Newberry Rd., No. 136, Newberry Florida 32669 Phone 352-472-2899

## US EPA METHOD 25 – Equipment Rental Fees and Replacement Costs

Rental fees *may* be assessed on equipment that is out of our laboratory for >15 days. Contact us if you have a delayed test. We may be able to waive some charges for short delays. Charges are not assessed on unused extra equipment that *VRi* provides beyond the client's request. <u>A charge of \$55 per tank/trap pair</u> is assessed for sample equipment ordered and returned unused. Full charges apply to support equipment, even if unused. If equipment is returned damaged, it will be repaired, if possible. The client is responsible for material costs plus \$95/hr. labor charges for the repair, up to the full replacement cost listed below. *VRi's liability is strictly limited to the cost of our contracted services*.

Item	Daily Charge (US\$)	<u>Replacement Cost (US\$)</u>
M-25 trap	3	250
M-25 tank	3	350
M-25 unheated flow controller	9	750
M-25 heated flow controller	25	7,450
M-25 in-stack filter	1	65
vac manifold & digital pressure gaug	e 5	725
other items	inquire	cost + 10%

Prices subject to change.

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(Company Name)	Agrees to the terms and conditions described in <i>VRi</i> 's "PRICE LIST & TERMS: Effective January 1, 2018".		
Signature of Authorized Representative	Title	Date	
Printed or typed name.			