

TESCO~SYMEX AMERICAS NEWSLETTER

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Getting Green with High Tech!

DRYVac VRUs Recognized as Best Green Technology

As more and more counties come to grips with the need for cleaner environments, they are recognizing the technical advantages of DRYVac™. The result is that inquiries are flowing in from all over the world to SYEMX Americas headquarters, seeking input and details on the "DRYVac™ GREEN VRU Technology".

Ecuador Decides to "Go Green"!

While Ecuador is not the largest country in South America, it may be one of the more progressive and forward thinking. The government of Ecuador recently evaluated all VRU technologies and chose SYEMX Americas DRYVac™ as their new vapor emission control "standard". They decided to convert the largest terminal in the country's capital city of Quito from top loading to bottom loading, and ordered their first DRYVac™ VR System to further reduce air pollution.

Trinidad Follows Suit!

The National Gas Company of Trinidad and Tobago hired the globally recognized engineering company Kellogg Brown and Root (KBR) to design and install a new grass-roots fuels terminal near their capital city. One of KBR's challenges was to evaluate and select the premier vapor control technology for this facility. Not surprisingly, they chose SYEMX Americas and our DRYVac™ VR System.

A Better Approach to the CEM Issue

When the EPA first asked fuels terminals to install CEMs (continuous emission monitors) on vapor control systems, the instrumentation to accomplish this properly was either too fragile (designed for lab use only), or too costly. After some debate, EPA allowed the application of a simple IR analyzer and a throughput averaging calculation method to determine

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emissions and record the results based on annual throughput averaging. This method survives even today.

However, in the decades since, the electronics boom has brought a level of sophistication to the industry that now allows real-time measurement and eliminates the need for annual averaging. So, when the engineers at SYMEX Americas set out to design a 21st century CEM, they did it right.

The result is a set of measuring instrument that accurately measure the real volume of vapor coming from the loading rack. Then they measure

the hydrocarbon concentration and temperature. From this a true material balance can determine the number of liters actually loaded. Then they measure the hydrocarbon concentration of the vented vapors leaving the VRS. The result is a real time, accurate, and true representation of the milligrams of hydrocarbon emissions per real liter of gasoline loaded. This is a first in the industry! And, it's the first time it been done right!.

SYMEX Americas leads technical advancements in vapor control systems. Call Tim Hammond toll free at 1-800-276-7152 or direct at 317-872-4321 to find out how you can add value to your company with DRYVac™.

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SYMEX Americas. Advanced DRY Vapor Recovery Systems!