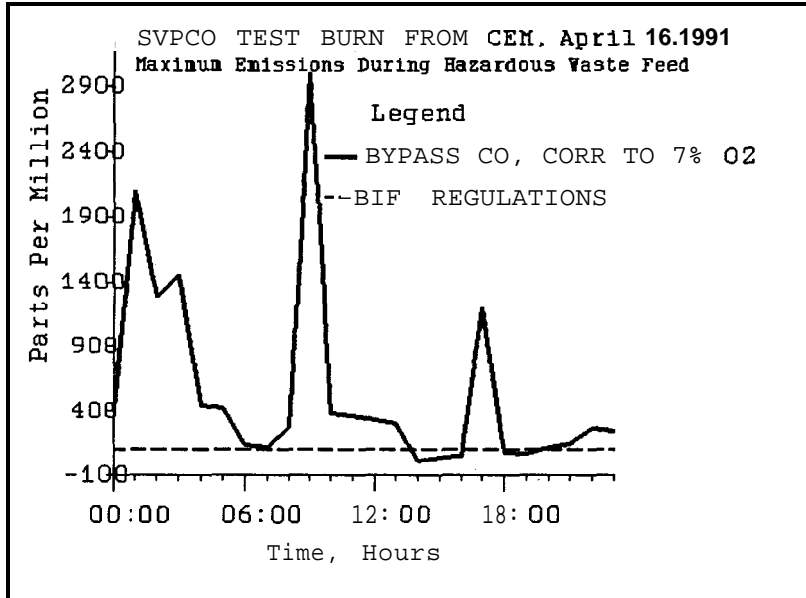
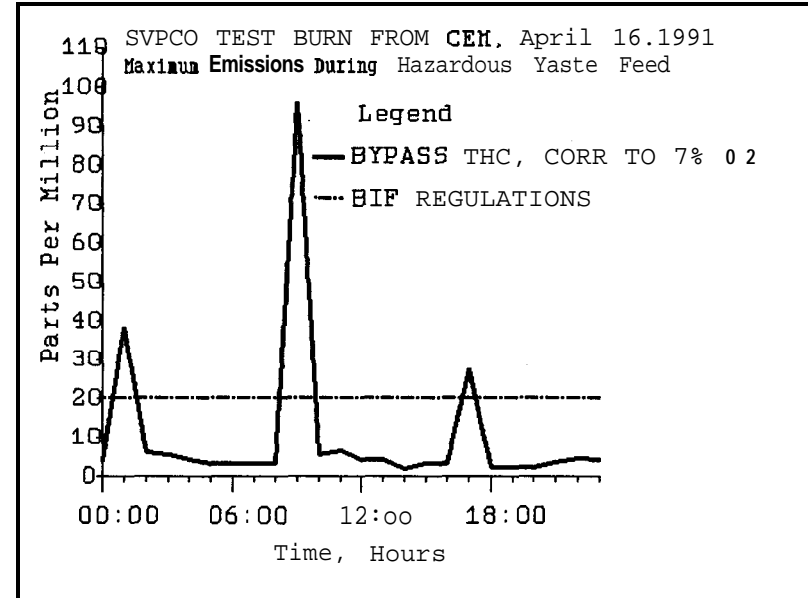


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Total CARBON MONOXIDE, measured by the Continuous Emissions Monitor during the April test burn.



Total HYDROCARBONS, measured by the Continuous Emissions Monitor during the April test burn.

A recent PR release from Southwestern Portland Cement talks about the “strict limits” placed on their operation by the EPA. Specifically:

**Why are carbon monoxide (CO) and total hydrocarbons monitored?**

The high temperatures required to make cement destroy 99.99 percent or more of organic chemical wastes. During the process, however, there is a potential for extremely small quantities of other organic chemicals to be formed. They are called PIC's, products of incomplete combustion. **Because it is not possible to monitor for the tiny amount of PICs that could be formed in the process, cement kiln operators instead monitor levels of CO or hydrocarbons** in stack emissions. This is because emissions of CO are minimized and hydrocarbons created during combustion disappear when the combustion process is complete. In this way, operators are able to make sure destruction efficiency of 99.99 percent or more is always maintained and that they stay **within the stringent limits on PIC emissions set by EPA.**

The straight line near the bottom of each graph reflects the BIF, Boiler & Industrial Furnace Regulations. You don't need a scientist to see that Southwestern had problems keeping their CO (carbon monoxide) and THC (total hydrocarbons) under control **during the test burn.** They freely admit that they cannot monitor the emissions of PIC's (which could contain dioxin and worse), so they monitor CO and THC instead. With emissions that vary this much, how do they have any idea what is coming out the stack? During the test burn there were EPA and RAPCA officials monitoring every smokestack and this is as good as they could do. Is this the “strict compliance” with EPA guidelines? Call the officials elected to serve you and ask if they know what you are breathing, since the company can't tell you. Attached are copies of the actual test data and several related documents from RAPCA/EPA files.