

Greetings from Environmental Monitoring and Technologies!

EMT Announces Laboratory Capabilities for PBDEs

Environmental Monitoring and Technologies, Inc. (EMT) is pleased to announce the development of laboratory testing capabilities for the determination of Polybrominated Biphenyl Ethers (PBDEs) in electronic components.

PBDEs have recently garnered worldwide attention as concern has grown over their bioaccumulative and potentially toxic effects. PBDE use as a fire retardant in consumer products, such as furniture and plastics, has led to increased levels detected in the environment.

The concern for accurate quantification of these compounds in consumer products has driven EMT to provide efficient, accurate testing of materials for PBDEs. The chemistry involved with the determination of these compounds is complex. A total of 209 congeners (different, but very similar chemical compounds) comprise the group known collectively as PBDEs. EMT utilizes Gas Chromatography (GC) instrumentation to detect and quantify these compounds. Each project is tailored to the specific needs of the client. EMT will provide guidance as to the most cost-effective, reasonable approach for the determination of those congeners that are commercially available. A "typical" PBDE analysis consists of at least fifteen congeners and is provided within two weeks of sample submittal to EMT's laboratory in Morton Grove, Illinois.

To find out more about PBDE analysis and EMT, contact **Kris Erickson, Marketing Manager at (847) 324-3346 or kerickson@emt.com**.

Recent Changes to the Metropolitan Water Reclamation District's Sewage and Waste Control Ordinance

January 2005 - Article V, Section 8 -This section requires that all violations identified as a result of self-monitoring must be reported to the District by telephone, during normal business hours, to the Industrial Waste Division, Enforcement Section (312) 751-3044 within 24 hours of the time the person becomes aware of such violations and requires the submittal of repeat analyses for the parameter in violation. This section was changed to clarify when the industrial user becomes "aware of such violations" and the number of days of repeat analyses which are required.

The term "***aware of such violations***" has been specifically defined "as of the date of the approval and release of the laboratory analyze indication the violation."



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