

Technikon Testing and Related Foundry Services

Emission factors can make or break your business. As regulations get stricter and the noncompliance stakes get higher, you need to know exactly how you measure up.

Technikon's internationally recognized foundry testing facility is the source of data being used by EPA and state agencies for HAP calculations. Only Technikon delivers consistently accurate, repeatable air emission testing data needed for permits and compliance.

**DON'T GUESS
ON **MACT.**
BE EXACT.**

U.S. EPA Standard Methods
Expected
Repeatability
+/- 30%

Technikon
Achieved
Repeatability
+/- 10%

***For reliable measurement,
repeatable results, look
to Technikon. The future
of your foundry
depends
on it!***



TECHNIKON

Technikon Can Help Your Foundry

- Comply with EPA standards
- Determine MACT status of Major or Minor Source
- Determine what is required to become a Synthetic Minor Source
- Lower your risk of being in the wrong MACT category
- Supply data for air permit applications such as NSR and PSD
- Evaluate proposed product or process changes prior to introduction to your foundry

Technikon's Foundry and Manufacturing Services

- Foundry-specific air emission testing and development of emission factors on your system sand and core binder systems
- Evaluation of existing and development of new methods for the determination of HAPS and VOCs in foundry emissions
- Database services for management of emission and parametric reporting requirements under MACT

Foundry Studies

- Energy reduction studies
- Sand reclaim and reuse studies
- Process development and improvement
- Casting and process-specific emission factors prior to introduction into production
- Comparison of different products' emission factors for new castings
- On-site stack testing design and protocol development

Foundry Supplier Services and Studies

- Measurement of low emission products and processes
- Development of "green" products and processes
- Development of air emission measurement technologies and equipment
- Evaluation of new products and processes that may benefit the foundry industry



TECHNIKON *supporting*

*America's metal casting industry
with complete emissions
measurement and environmental
consulting. Since 1994.*



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