

# Red Materials Ahead Of The Fines

**Red Materials are Warwick based specialists in the restoration, treatment and disposal of earthwork soils. By combining the science of analytical assessment with comprehensive market knowledge, they are able to facilitate all waste management requirements, typically partnering national landfill operators to provide a valuable and fast initial assessment of waste category, offering additional onsite screening and material rationalisation.**

With proven experience in land remediation and comprehensive knowledge of the contaminated disposal sector, Red are committed to ensuring that their waste management activities are fully compliant and conform to current legislation. To that end, Red procured a Computrac MAX-5000XL Loss on Ignition (LOI) Analyser for the specific purpose of Trommel Fines testing across their UK operations.

## Trommel Fines

Trommel fines are fine materials that are screened out from a waste material using a Trommel screener, they can be broken down into two different types:

### Lower Rate Trommel Fines

Lower Rate Trommel fines must be predominantly made up of glass, ceramics, concrete or naturally occurring rocks and soil in order to attract a lower disposal tax rate.

### Higher Rate Trommel Fines

Higher Rate Trommel fines are any fines that have been screened out from waste material and do not meet the requirements set for the lower tax rate.



The MAX-5000 LOI Analyser is designed to offer a quick and accurate LOI result when testing waste transfer station

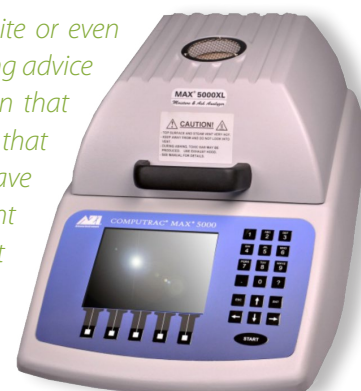
Trommel Fines. The instrument can accept a sample of landfill material and automatically calculate and accurate LOI result in as little as 30 minutes. Required operator expertise is minimal and testing inexpensive at approximately 0.50p per sample. This makes it economically possible for operators to test every load. The MAX-5000 correlates precisely with the HMRC's reference methodology (muffle furnace ashing) enabling both waste producers and landfill operators to know in minutes if waste fines are in compliance with the law or if they require further processing.

The MAX-5000 unit has proved invaluable for Red's recent operation, the restoration of SITA Runfold, Surrey.

**For more information, please contact ABLE Instruments on +44 (0)118 9311188 or by email: [info@able.co.uk](mailto:info@able.co.uk)**

*"Purchasing the Computrac MAX-5000XL allows us the flexibility of onsite or even mobile testing. Our aim is to assist the producer of Trommel Fines by offering advice on their processes to ensure compliance. Our in-house trials have shown that the Computrac MAX-5000XL delivers a result that is almost identical to that generated by recognised laboratories. The process is well controlled, we have confidence in the unit and see it as a valuable investment in our commitment to the disposal of this potentially problematic waste stream. The investment in the Computrac will pay for itself within months based on downtime recovery by having rapid on-site testing".*

- Managing Director, Darren Howson



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