



Metals and Minerals Analysis

In areas such as material specification, effluent control, quality control analysis, recycling and environmental monitoring Sheffield Analytical Services can provide an independent report which may be used to support contractual and legal obligations or HSE compliance.

Analytical Services uses traditional methods and modern instrumentation including ICP-OES, ICP-MS and XRF, and has earned over 25 years of continuous UKAS accreditation. With the application of ISO standards, combined with the expertise in metals analysis associated with Sheffield Assay Office, precise elemental compositions can be reported tailored to the customer's specific needs.

We are able to report: -

- Individual elements
- Specific suites
- Major constituents (certifying conformity to a manufacturing specification)
- Trace elements/contaminants (where maximum or required addition levels are stipulated)
- Liquid effluent from electroplating plant
- Personal monitoring (airborne dust levels)
- Trace heavy metals
- Alloys containing Copper Tin Zinc Lead Cadmium etc.
- Mercury
- Aluminium
- Stainless Steels
- Tool Steels and similar alloys
- Soil and rock analysis, mining and quarrying etc

This range of services is relevant to the recycling of materials and processing of scrap, for example, the current WEEE/RoHS regulations and the REACH proposals.

Reference should also be made to associated information sheets on RoHS, Environmental Services and Mercury Screening (UKMSS).

Further information is available on our website

www.assayoffice.co.uk/Analytical-Services/Metals_and_Minerals_Analysis.asp



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