

## HSE TESTING AND MONITORING



### INORGANICS (AIR & BULK MATERIALS) ROUTINE ASSAYS

SUBSTANCE TYPE / ANALYTE	METHOD	PRICE	MINIMUM BATCH REQUIREMENTS / RECOMMENDED FILTERS OR SAMPLE
Metal Suite on Filter Al, Ba, Bi, Ca, Co, Cu, Cr, Fe, K, Li, Mg, Mn, Na, Ni, Pb, Si, Sr & Zn (other metals by agreement)	ICP-OES (BS ISO 15202 Annex G)	£1,008	8 / 25mm Mixed Cellulose (MCE) filter
Lead, Strontium, Nickel, Arsenic or Cadmium <i>Any one of the above</i>	ICP-OES (BS ISO 15202 Annex H)	£1,189	20 / Ghost wipe
Strontium or Lead	ICP-OES	£422	6 / Aqueous Solution - 50 mls
Ferrous welding fume - Al, Ba, Bi, Ca, Co, Cu, Cr, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Si, Sr, Ti, V & Zn	ICP-OES (BS ISO 15202 Annex G)	£979	8 / Bulk sample - 10 mg
Ferrous Welding Fume - Fluoride	MDHS35/2	£1,091	10 / Bulk sample - 10 mg
Ferrous Welding Fume - Chromium VI	Ion Chromatography BS ISO 16740	£1,061	10 / Bulk sample - 10 mg
Diesel Fume - Elemental & Organic Carbon	Combustion Method	£603	10 / Pretreated 25mm Quartz Filter
Chromium VI	Ion Chromatography BS ISO 16740	£850	10 / 25mm PVC filter, Treated PVDF filter or 37mm Glass Fibre Wipe
Phosphoric acid & Sulphuric acid	Ion Chromatography	£850	10 / PVC Filter
Hydrofluoric acid, hydrobromic acid, hydrochloric acid and nitric acid	Ion Chromatography		10 / Alkaline-impregnated quartz fibre filter
Gaseous hydrofluoric acid, hydrobromic acid, hydrochloric acid and nitric acid	Ion Chromatography		10 / (SKC) washed silica gel sorbent tubes

\* UKAS accredited

**TURNAROUND (from receipt of samples + correct paperwork) is 15 working days**

**HSE will provide an appropriate number of blanks per batch to be used in this analysis: Up to 8 samples: 2 blanks; 8+ samples: 3 blanks.**

**Sampling filters can be supplied by HSE. There may be an additional cost.**

**For further information please contact [glen.mcconnachie@hse.gov.uk](mailto:glen.mcconnachie@hse.gov.uk), 0203 028 1968**