

ISO 8518:2001-12 (E)

Workplace air - Determination of particulate lead and lead compounds - Flame or electrothermal atomic absorption spectrometric method

Contents		Page
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Principle	5
5	Reactions	6
6	Requirement	6
7	Reagents	6
8	Apparatus	7
9	Occupational exposure assessment	11
9.1	Assessment strategy	11
9.2	Measurement strategy	11
9.3	Selection of measurement conditions and measurement pattern	11
10	Sampling	12
10.1	Preliminary considerations	12
10.2	Preparation of sampling equipment	13
10.3	Sampling position	14
10.4	Collection of samples	14
10.5	Transportation	14
11	Analysis	15
11.1	Cleaning of glassware and plasticware	15
11.2	Preparation of sample and blank solutions	15
11.3	Instrumental analysis	17
11.4	Estimation of the instrumental detection limit	20
11.5	Estimation of the method detection limit	20
11.6	Quality control	20
12	Expression of results	21
12.1	Calculation	21
12.2	Method performance	22
13	Special cases	23
14	Test report	23
Annexes A Guidance on filter selection		25
B	Temperature and pressure correction	27
Bibliography		29