

ISO 11790:2010-09 (E)

Copper, lead, zinc and nickel concentrates - Guidelines for the inspection of mechanical sampling systems

Contents		Page
Foreword		iv
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 General consideration		2
4.1 Precision		2
4.2 Quality variation		2
4.3 Bias		2
4.4 Operation of the sampling system		3
5 Establishment of inspection system		3
5.1 General		3
5.2 Audits		4
5.3 Mechanical inspections		4
5.4 Operational inspections		4
6 Procedures		4
6.1 Audits		4
6.2 Mechanical inspections		5
6.3 Operational inspections		6
6.4 Control charts		7
6.4.1 General		7
6.4.2 Sampling ratio		7
6.4.3 Extraction ratio		7
6.5 Sampling records		10
6.6 Operator's inspection report		10
Annex A (informative) Example of a sampling checklist for copper ore		11
Annex B (informative) Example of sampling plant operator's inspection report on a shift basis		14
Annex C (informative) Example of sampling-system operations inspection summary		18