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Australian STANDARD

Copper, lead, zinc and nickel concentrates—Sampling of slurries

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- Australasian Institute of Mining and Metallurgy
- CSIRO
- Minerals Council of Australia

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Australian Standard®

Copper, lead, zinc and nickel concentrates—Sampling of slurries

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PREFACE

This Standard was prepared by the Standards Australia Committee MN-005 Copper, Lead, Zinc and Nickel Ores and Concentrates.

The objective of this Standard is to set out the basic methods for sampling particulate material that is mixed with a liquid, usually water, to form a slurry. In industry and in the mining and mineral processing literature, slurry is also referred to as pulp, but this term is not used in this standard. At very high ratios of fine particulate solids to liquids where material assumes a soft plastic form, the mixture is correctly termed as a paste. Sampling of pastes is not covered in this standard.

This Standard is identical with, and has been reproduced from ISO 11794:2010, *Copper, lead, zinc and nickel concentrates—Sampling of slurries*.

As this Standard is reproduced from an International Standard, the following applies:

(a) In the source text 'this International Standard' should read 'this Australian Standard'.

(b) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian Standard*	
ISO		AS	
		2862	Copper, lead, zinc and nickel concentrates—Sampling
12743	Copper, lead, zinc and nickel concentrates—Sampling procedures for determination of metal and moisture content	2862.1	Part 1: Sampling procedures for determination of metal and moisture content
12744	Copper, lead, zinc and nickel concentrates—Experimental methods for checking the precision of sampling	2862.2	Part 2: Experimental methods for checking the precision of sampling
13292	Copper, lead, zinc and nickel concentrates—Experimental methods for checking the bias of sampling	2862.3	Part 3: Experimental methods for checking the bias of sampling

Only normative references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annexes to which they apply. A 'normative' annex is an integral part of a Standard, whereas an 'informative' annex is only for information and guidance.

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