



ISO/TC 183 "Copper, lead, zinc and nickel ores and concentrates"
Secretariat: SA
Committee manager: Ward Aldine Ms



ISO TC 183_Plenary 2025_ Notice of meeting_Agenda 017 - Xiamen China

Document type	Related content	Document date	Expected action
Meeting / Agenda	Meeting: Xiamen (China) 19 May 2025	2024-12-16	



NOTICE OF MEETING / DRAFT AGENDA - **N1495**

Number and title of Committee ISO/TC 183, Copper, lead, zinc and nickel ores and concentrates	
Secretariat SA [Australia]	Meeting Meeting dates: 2025-05-19 to 2025-05-23
Host SAC [China]	Place Address: Zijin Hotel Xiamen 128, Xiangyun 3rd Road, Xiamen Area, Pilot Free Trade Zone (Fujian) China Online:Zoom : https://iso.zoom.us/j/95227961192?pwd=AI0ATKKLDiF6UJgwloTSvqJTM1AtFZ.1 Tel: Click here to enter text.

Additional relevant information on meetings can be found:

- [My ISO job](#)
- [TMB/SMB Guidance on effective virtual and hybrid meetings](#)
- ISO Helpdesk [knowledge base](#)
- ISO/IEC Directives, Part 1, Clause 4 and Annex SK

#	Items	Action (e.g for vote for discussion for information)	N-Doc Number*	Time allocated (min)
Opening Day Monday 19 May 2025				
1.	Opening of the meeting by Chairperson (09:00am local time)	For Information		
2.	Welcome from host by SAC [insert name of host to welcome]	For Information		
3.	Roll call of delegates by Committee Manager	For Information		
4.	Work environment: Presentation on the ISO Code of Ethics and Conduct Direct link to the ISO Code of Ethics and Conduct	For Information		
5.	Adoption of the agenda	For Information	NXXX	
6.	Appointment of the resolution drafting committee	For Information	NXXX	
7.	Report of the Committee Manager/Chair	For Information	NXXX	
8.	Strategic issues / Review Strategic Business Plan	For Discussion	NXXX	
9.	Working Groups reports I. AHG 1 – Convenors Manual (Convenor: Mr. Marcio Castilho) II. AHG 2 - CRM Coordination and research (Convenor : Mr. Braulio Pessoa) III. WG 9 – Sampling of copper, lead, and zinc concentrates (Convenor: Dr Ralph Holmes) IV. WG 13 – Determination of silver in sulfide concentrates (Convenor: Mr Takehisa Yamamoto) V. WG 16 — Fluorine in copper-, lead- and zinc-containing concentrates (Convenor: Mr Takehisa Yamamoto) VI. WG 24 - Determination of Fluorine and Chlorine by Ion Chromatography (Convenor: Prof Hairong Cui) VII. WG 25 – Thallium and platinum group metals (Convenor: Ms. Shuaijin Wu) VIII. WG 26 — Arsenic and other penalty elements in copper, lead and zinc concentrates (Mr Takehisa Yamamoto) IX. WG 27 – Determination of zinc (Convenor: Mr Ruoxu Lin)	For Discussion	NXXX	
10.	Advisory Groups reports	For Discussion	NXXX	
11.	Reappointment of convenors ISO/TC 183/WG 16 Kenichi Tomioka Term expiry 2025-12-31	For Discussion	NXXX	

<p>12.</p>	<p>Liaison reports Liaisons 'To' ISO/TC 183:</p> <ul style="list-style-type: none"> • ISO/TC 102 – Iron ore and direct reduced iron • ISO/TC 155 - Nickel and nickel alloys <p>Liaisons 'From' ISO/TC 183:</p> <ul style="list-style-type: none"> • ISO/TC 69/SC 6 – Measurement methods and results • ISO/TC 102 - Iron ore and direct reduced iron • ISO/TC 155 - Nickel and nickel alloys • ISO/TC 334 - Reference materials <p>Organizations in liaison (Category A and B)</p> <ul style="list-style-type: none"> • IMO – International Maritime Organisation • 	<p>For Discussion</p>	<p>NXXX</p>	
<p>13.</p>	<p>Review of liaisons (to be done at least every 2 years or at every committee meeting) and confirmation of Liaison Representatives</p>	<p>For Discussion</p>	<p>NXXX</p>	

Closing Day Friday 23 May 2025				
14. #Items		Action (e.g for vote for discussion for information)	N-Doc Number*	Time allocate d (min)
<p>Status of all items of the portfolio and actions to be taken</p> <p style="text-align: center;">Current work programme</p> <p>ISO/TC 183/WG 9</p> <ol style="list-style-type: none"> 1. <i>ISO/PWI 20212-1.2 Copper, lead, zinc and nickel — Sampling Procedures — Part 1: Ores</i> 2. <i>ISO/PWI 20212-2 Copper, lead, zinc and nickel — Sampling procedures — Part 2: Intermediates and Residues</i> 3. <i>ISO/PWI 20212-3 Copper, lead, zinc and nickel — Sampling procedures — Part 3: Smelter Products</i> 4. <i>ISO/PWI 12745 Copper, lead and zinc ores and concentrates — Precision and bias of mass measurement techniques</i> 5. <i>ISO/DTS 15855.2 Copper, lead and zinc sulfide concentrates — Step-by-step procedure for the testing of static scales</i> 6. <i>ISO/FDIS 12744 Copper, lead, zinc and nickel concentrates — Experimental methods for checking the precision of sampling</i> 7. <i>ISO 12743:2021 Copper, lead, zinc and nickel concentrates — Sampling procedures for determination of metal and moisture content</i> 8. <i>ISO/PWI 10251 Copper, lead, zinc and nickel concentrates — Determination of mass loss of bulk material on drying</i> <p>ISO/TC 183/WG 11</p> <p><i>ISO 12742:2020 Copper, lead and zinc sulfide concentrates — Determination of transportable moisture limits — Flow-table method</i></p> <p>ISO/TC 183/WG 24</p> <p><i>ISO/PWI 9955 Copper and zinc sulfide concentrates — Determination of fluorine and chlorine contents-- Steam distillation and ion chromatography method</i></p> <p>ISO/TC 183/WG 25</p> <ol style="list-style-type: none"> 1. <i>ISO/NP 24922 Nickel sulfide concentrate — Determination of platinum and palladium contents by fire assay and ICP-OES</i> 2. <i>ISO 3483:2023 Copper and zinc sulfide concentrates — Determination of thallium — Acid digestion and inductively coupled plasma-mass spectrometry</i> <p>ISO/TC 183/WG 13</p> <p><i>ISO/DIS 11456 Copper and zinc sulfide concentrates — Determination of silver content — Acid digestion and flame atomic absorption spectrometric or inductively coupled plasma optical emission spectrometric method</i></p> <p>ISO/TC 183/WG 16</p> <p><i>ISO/DIS 13548 Copper, lead and zinc sulfide concentrates — Determination of fluorine content by sodium hydroxide fusion and fluoride ion selective electrode detection</i></p>				

	<p>ISO/TC 183/WG 27 <i>ISO/WD 12739 Zinc sulfide concentrates — Determination of zinc — Ion-exchange/EDTA titrimetric method</i></p> <p>ISO/TC 183/WG 26 <i>ISO/PWI 8585 Copper, lead and zinc concentrates - Determination of arsenic and other elements - Acid digestion and inductively coupled plasma atomic emission spectrometric method</i></p> <p>ISO/TC 183 <i>1. ISO 13546:2021 Copper concentrates — Determination of mercury content — Cold vapour atomic absorption spectrometric method</i> <i>2. ISO 13546:2021 Copper concentrates — Determination of mercury content — Cold vapour atomic absorption spectrometric method</i></p>			

<p>Systematic review results</p> <p>ISO/TC/183</p> <ol style="list-style-type: none"> 1. ISO 13658:2000 Zinc sulfide concentrates — Determination of zinc content — Hydroxide precipitation and EDTA titrimetric method (2025-04-15) 2. ISO 13547-1:2014 Copper, lead, zinc and nickel sulfide concentrates — Determination of arsenic — Part 1: Iron hydroxide concentration and inductively coupled plasma atomic emission spectrometric method (2025-04-15) 3. ISO 13547-2:2014 Copper, lead, zinc and nickel sulfide concentrates — Determination of arsenic — Part 2: Acid digestion and inductively coupled plasma atomic emission spectrometric method (2025-04-15) 4. ISO 13545:200 Lead sulfide concentrates — Determination of lead content — EDTA titration method after acid digestion (2025-01-15) 5. ISO 13291:2006 Zinc sulfide concentrates — Determination of zinc — Solvent extraction and EDTA titrimetric method (2025-04-15) 6. ISO 11441:1995 Lead sulfide concentrates — Determination of lead content — Back titration of EDTA after precipitation of lead sulfate (2025-01-15) 7. ISO 10469:2006 Copper sulfide concentrates — Determination of copper — Electrogravimetric method (2025-04-15) 8. ISO 12740:1998 Lead sulfide concentrates — Determination of silver and gold contents — Fire assay and flame atomic absorption spectrometric method using scorification or cupellation (2025-01-15) <p>ISO/TC/183/ WG9</p> <p>ISO 13292:2006 Copper, lead, zinc and nickel concentrates — Experimental methods for checking the bias of sampling (2025-04-15)</p> <p>Systematic reviews upcoming</p> <p>ISO/TC/183</p> <ol style="list-style-type: none"> 1. ISO 15661:2020 Copper and nickel sulfide ores and concentrates — Determination of total chlorine content — Alkaline fusion and potentiometric titration method (2025-07-15) 2. ISO 15247:2015 Zinc sulfide concentrates — Determination of silver content — Acid dissolution and flame atomic absorption spectrometric method (2025-07-15) 3. ISO 10378:2016 Copper, lead and zinc sulfide concentrates — Determination of gold and silver — Fire assay gravimetric and flame atomic absorption spectrometric method (2027-04-15) 4. ISO 10258:2018 Copper sulfide concentrates — Determination of copper content — Titrimetric methods (2028-10-15) For Discussion 5. ISO 13546:2021 Copper concentrates — Determination of mercury content — Cold vapour atomic absorption spectrometric method (2026-07-15) 	<p>For Discussion</p>		
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	<p>ISO/TC/183/ WG9</p> <ol style="list-style-type: none"> 1. <i>ISO 13543:2016 Copper, lead, zinc and nickel sulfide concentrates — Determination of mass of contained metal in a lot (2026-07-15)</i> 2. <i>ISO 12745:2008 Copper, lead and zinc ores and concentrates — Precision and bias of mass measurement techniques (2026-10-15)</i> 3. <i>ISO 12743:2021 Copper, lead, zinc and nickel concentrates — Sampling procedures for determination of metal and moisture content (2026-04-15)</i> 4. <i>ISO 11794:2017 Copper, lead, zinc and nickel concentrates — Sampling of slurries (2027-10-15)</i> 5. <i>ISO 11790:2017 Copper, lead, zinc and nickel concentrates — Guidelines for the inspection of mechanical sampling systems (2027-10-15)</i> 6. <i>ISO 10251:2006 Copper, lead, zinc and nickel concentrates — Determination of mass loss of bulk material on drying (2025-10-15)</i> 7. <i>ISO 9599:2015 Copper, lead, zinc and nickel sulfide concentrates — Determination of hygroscopic moisture content of the analysis sample — Gravimetric method (2025-10-15)</i> <p>ISO/TC/183/ WG11 <i>ISO 12742:2020 Copper, lead and zinc sulfide concentrates — Determination of transportable moisture limits — Flow-table method (2025-10-15)</i></p> <p>ISO/TC/183/ WG25 <i>ISO 3483:2023 Copper and zinc sulfide concentrates — Determination of thallium — Acid digestion and inductively coupled plasma-mass spectrometry (2028-04-15)</i></p>			
15.	Approval of resolutions	For Discussion		
16.	Communication (updating of Committee website (if any), Press - releases on publication, etc.)	For Discussion		
17.	Items for future work	For Discussion		
18.	Any other business	For Discussion		
19.	Next TC, SC and WG meetings	For Discussion		
20.	Closure of the meeting (<i>Friday, 23 May 2025 – 2:30pm</i>)			
	* N-doc to be circulated			