

AOC & MMD 2025 Conflict Minerals Report

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1. Conflict Mineral Definition

In regions with political instability, the trade in minerals can end up funding armed groups, driving forced labour and other significant human rights violations, and enabling corruption and money laundering. The minerals most associated with this are tin, tantalum, tungsten and gold (known as “3TG”). Conflict minerals can be extracted in different conflict-affected and high-risk areas around the world, but is most associated with the mining of 3TG minerals in the Democratic Republic of Congo (DRC) and adjoining countries.

2. Conflict Mineral Management Policy

As subsidiaries of TPV, AOC and MMD source all EPEAT-registered monitors and signage displays exclusively from TPV’s internal manufacturing facilities. Accordingly, AOC and MMD adopt TPV’s conflict minerals management policy, including the definitions provided in the Innovation & Development (I&D) documentation, the supplier chain investigation and survey processes using RMI CMRT/EMRT templates, and the OECD five-step due diligence framework.

As brand entities, AOC and MMD require conflict minerals controls to be applied across the supply chain for monitors and signage displays. Given the practical difficulty of segregating minerals at the supplier level from those used by TPV, AOC and MMD adopt the complete list of smelters and refiners disclosed in TPV’s annual Conflict Minerals report as their own.

AOC and MMD, as subsidiaries of TPV Technology, are committed to not purchasing raw materials, subassemblies or supplies that are known to contain conflict minerals that directly or indirectly finance or benefit armed groups in the DRC or other CAHRAs (conflict-affected and high-risk areas). TPV strictly prohibits all forms of forced labor, modern slavery and the use of child labor both at TPV and within the supply chain. TPV is also committed to promoting good environmental practices in our own operations and in our value chain. TPV has developed an internal conflict minerals management system to ensure TPV and its suppliers avoid the procurement of conflict minerals.

3. Due Diligence Program

Based on the third edition of the *Organization for Economic Co-operation and Development Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas* (including its supplements on 3TG, referred to in this report as “OECD Guidance”), AOC & MMD have accepted responsible mineral initiative (RMI) that uses an independent third-party audit as RMAP (Responsible Mineral Assurance Process) (OR SIMILAR) compliant smelter/ refiner list since Mar.2020. Based on such RMAP(OR SIMILAR) list which regularly released to RMI members (TPV Technology Limited being the RMI member) AOC & MMD can identify whether the smelters/refiners are conformant or not.

Based on the OECD’s five-step framework for due diligence in the mineral supply chain, AOC & MMD has built its own system.

Step 1: Establish strong company management system

- 1) AOC & MMD has disclosed this conflict mineral report which includes suppliers conflict mineral management requirement on www.aoc.com and www.mmdmonitors.com.
- 2) AOC & MMD has committed not to purchase raw materials, subassemblies, or supplies which we know contain conflict minerals that directly or indirectly finance or benefit armed groups in the DRC or an adjoining country.
- 3) AOC & MMD encourages final supplier/s to cover the conflict mineral management requirement in the

purchase contract, and ask to provide investigation of Conflict Minerals Reporting Templates (CMRT) and EMRT (Extended Mineral Reporting Template) on a yearly basis before each March.

- 4) AOC & MMD Regulation compliance team will confirm that CMRT/EMRT listed smelters/refiners whether being RMAP(OR SIMILAR) conformant comparing with the database from RMI normally before each May. If find any RMAP(OR SIMILAR) nonconformant (NC) smelters/refiners then will notify and chase final assembly to upper stream supply chain till such NC being remedied.
- 5) AOC & MMD actively encourages its employees and other parties to report concerns directly to the through Stefan.vanSabben@tpv-tech.com or Marcella.Klinker@tpv-tech.com. AOC & MMD accepts any positive opinions to minimize procurement risks and increase responsibility to the international community's actions about conflict-free minerals.

Step 2: Identify and assess risks in the supply chain

- 1) Being as brand company of TPV, AOC & MMD accept TPV Procedure of Conflict Mineral Management which includes the supply chain risk review system, identifying the metal parts as high risk if they have either of tin, tantalum, tungsten, gold and Cobalt, identifying the metal parts as low risk if they have no anyone of tin, tantalum, tungsten, gold and Cobalt and identifying the other non-metal parts as no risk.
- 2) According to the above risk identification, AOC & MMD confirms that TPV addresses high and low risk suppliers for due diligence investigation: requires high and low risk suppliers to sign the guarantee letter that not directly or indirectly to finance or benefit armed groups in the DRC or an adjoining country, neither to tolerate nor contribute to human rights abuses that include forced labor, child labor and environmental degradation.
- 3) AOC & MMD rely on the RMAP(OR SIMILAR) compliant smelter list to determine whether smelters/refiners are conflict free or not.
- 4) AOC & MMD double confirm address of the smelters/refiners whether mapping with the country listed in reasonable country of origin inquiry (RCOI). If there is difference then raise it out to the supply chain via purchasing department for correction.

Step 3. Design and implement a strategy to respond to identified risks

AOC & MMD identifies non RMAP(OR SIMILAR) compliant smelters/refiners as high risks. For non RMAP(OR SIMILAR) smelters/refiners regulation, our regulation compliance team will report to the director about the situation and will drive supply chain to make the improvement, or suggests mitigation actions to the non-compliant smelters/refiners to re-enter RMAP(OR SIMILAR) audit program while continuing the trade, or to disengaging with the suppliers when confirming that it is not feasible to mitigate the risk.

AOC & MMD also collaborate with final assemblies to promote suppliers' understanding of using conflict-free minerals being an important item in the procurement scoring program.

Participate responsible mineral initiative annual conference to learn the latest status of mineral condition and the trend in the industry field.

Step 4. Plan an independent third-party audit of the smelter or refiner's due diligence

For AOC & MMD does not purchase materials directly from smelters/refiners, and it is a long supply chain from final assembly to the most upper suppliers, it is difficult for AOC & MMD to arrange such independent 3rd party audit of the smelter or refiners.

AOC & MMD rely on the suppliers' reports to do conflict minerals survey comparing with RMAP database to identify the minerals country of origin and conflict-free status of smelters/refiners.

Step 5. Report annually on supply chain due diligence

From 2019 AOC & MMD reports annually on supply chain due diligence and will continue to update the smelter/ refiners list on www.aoc.com and www.mmdmonitors.com.

Any concerns about the report please directly send e-mail to Stefan.vanSabben@tpv-tech.com or Marcella.Klinker@tpv-tech.com.

4. Due diligence practice

As subsidiaries of TPV, AOC and MMD accept the CMRT and EMRT investigation results presented in TPV's 2025 Conflict Minerals Report, available at <https://www.tpv-tech.com/admin/Upload/File/20260417092148.pdf>

The CMRT and EMRT results show that, during the review period from December 1, 2025 to March 31, 2026, there are a total of 248 smelters/refineries in TPV's mineral supply chain.

In 2025, the scope of the EMRT was extended to include additional minerals, including nickel, copper, lithium, and natural graphite. Therefore, TPV asked suppliers at the end of 2025 which of these minerals they used, and if so, to identify the relevant smelters/refiners in their supply chain. Based on this investigation, only copper and nickel are used in TPV's mineral supply chain.

TPV's investigation resulted in the identification of 3 copper smelters and 12 nickel smelters in TPV's supply chain. The CMRT has helped to identify 51 cobalt smelters in TPV's supply chain. All smelters are listed in the Appendix to this report. In the reporting period, over than 90% of 3TG, and over 75% of cobalt smelters of all identified smelters were listed on the RMAP compliant and active list, showing that the smelters were independently assessed against their compliance with the RMAP and similar standards (LMBA, RJC) standards.

5. Smelters/refiners changes management

As what above item 5 mentioned that according to 2025 CMRT and EMRT investigation result over 90% of 3TG and over 75% of cobalt smelters were RMAP compliant. The reason for the change compared with 2024:

- a. Supplier changing due to violation of TPV policy about conflict-free;
- b. Smelters changing due to RMAP non-conformant, or smelters stop working (non-active);
- c. Supplier changing their choice due to smelters changing

6. Collaboration with ITSCI in 2025

TPV has been an Associate Member of ITSCI since early 2023 and has since December 2023 actively funded and supported the Ushimbaji kwa Kanuni, heshima na Haki (Supporting Responsible and Inclusive Mining Governance) project, that is implemented by ITSCI the Democratic Republic of Congo (DRC).

Building on previous work funded by TPV's sister companies AOC International (Europe) B.V. and MMD-Monitors & Displays B.V. in ITSCI implementing areas, TPV's engagement introduced new components that further advanced support to artisanal mining communities and strengthened responsible sourcing of tin, tantalum, and tungsten (3T) in the DRC.

The project aims to promote responsible and inclusive artisanal and small-scale mining. The project includes five key components, including awareness-raising about the DRC Mining Code; Occupational Health and Safety (OHS) training; OHS risk monitoring and mitigation; support of women-owned businesses and awareness-raising on gender; and research on disabilities in Artisanal and Small-Scale Mining.

In 2025, the project, originally intended to be implemented in both North and South Kivu provinces, started in the Kalehe and Walungu territories, South Kivu, due to the deterioration of the security situation in North Kivu. Over the course of the year and affected by insecurity challenges, the project was moved first to Kabare territory, followed by a relocation of all project activities to Pangi territory in Maniema province. This shows the adaptability of the ITSCI teams and their commitment to achieving change on the ground, even in volatile operating environments.

The project continued to have significant impact in 2025. This includes:

- 74 awareness raising sessions on the popularisation of the DRC Mining Code combined with Occupational Health and Safety (OHS) awareness-raising reached 3,079 beneficiaries.
- Over 300 booklets and posters were distributed to state services, local authorities and mining representatives for OHS and DRC Mining Code awareness raising.
- 20 awareness-raising sessions on women's rights, the fight against sexual and gender-based violence, and the economic empowerment of women reached 1,784 beneficiaries, including 896 women.
- 25 qualitative interviews (90% in Maniema Province and 10% in South Kivu Province) were conducted with marginalised groups and people living with disabilities. People with disabilities or marginalised were identified and shared their experiences with the project team.

More information about the project and progress made in 2025 can be found in ITSCI's project activity report, available at: <https://www.itsci.org/wp-content/uploads/2026/03/Public-ITSCI-TPV-Project-Annual-Report-2025.pdf>

TPV is proud to partner with ITSCI, an organization that does important and impactful work in sometimes challenging environments. We are very pleased to extend our funding of the project Ushimbaji kwa Kanuni, heshima na Haki for another 3 years, from 2026 onwards, and thereby continue supporting artisanal and small-scale mining communities.

Appendix I: 2025 Smelter List

Item	Metal (*)	Smelter Look-up (*)	Smelter Country (*)
1	Cobalt	Anhui Hanrui New Material Co., Ltd.	CHINA
2	Cobalt	Chemaf Etoile	CONGO, DEMOCRATIC REPUBLIC OF THE
3	Cobalt	Compagnie de Tifnout Tiranimine	MOROCCO
4	Cobalt	Dynatec Madagascar Company	MADAGASCAR
5	Cobalt	Ecopro Materials Co., Ltd.	KOREA, REPUBLIC OF
6	Cobalt	Eti Bakir A.S	TURKEY
7	Cobalt	Fujian Evergreen New Energy Technology Co., Ltd.	CHINA
8	Cobalt	Ganzhou Highpower Technology Co., Ltd.	CHINA
9	Cobalt	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	CHINA
10	Cobalt	GanZhou Yihao Umicore Industries Co., Ltd	CHINA
11	Cobalt	Gem (Jiangsu) Cobalt Industry Co., Ltd.	CHINA
12	Cobalt	Guangdong Jiana Energy Technology Co., Ltd.	CHINA
13	Cobalt	Guangxi CNGR New Energy Science & Technology Co., Ltd.	CHINA
14	Cobalt	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
15	Cobalt	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	CHINA
16	Cobalt	Harima Refinery, Sumitomo Metal Mining	JAPAN
17	Cobalt	Hunan Brunp Recycling Technology Co., Ltd.	CHINA
18	Cobalt	Hunan CNGR New Energy Science & Technology Co., Ltd.	CHINA
19	Cobalt	Hunan Yacheng New Energy Co., Ltd.	CHINA
20	Cobalt	ICoNiChem	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
21	Cobalt	Impala Platinum - Base Metal Refinery (BMR)	SOUTH AFRICA
22	Cobalt	Impala Platinum - Rustenburg Smelter	SOUTH AFRICA
23	Cobalt	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	CHINA
24	Cobalt	Jiangxi Ruida New Energy Technology Co., Ltd.	CHINA
25	Cobalt	Jingmen GEM Co., Ltd.	CHINA
26	Cobalt	Kamoto Copper Company	CONGO, DEMOCRATIC REPUBLIC OF THE
27	Cobalt	Kisanfu Mining (Kimin)	CONGO, DEMOCRATIC REPUBLIC OF THE
28	Cobalt	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	CONGO, DEMOCRATIC REPUBLIC OF THE
29	Cobalt	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	CHINA
30	Cobalt	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA
31	Cobalt	Mechema Taiwan Plant 2	TAIWAN, PROVINCE OF CHINA
32	Cobalt	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
33	Cobalt	Mutanda Mining SPRL	CONGO, DEMOCRATIC REPUBLIC OF THE
34	Cobalt	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
35	Cobalt	NORILSK NICKEL HARJAVALTA OY	FINLAND

36	Cobalt	Port Colborne Refinery	CANADA
37	Cobalt	PT Halmahera Persada Lygend	INDONESIA
38	Cobalt	PT QMB New Energy Materials	INDONESIA
39	Cobalt	Quzhou Huayou Cobalt New Material Co., Ltd.	CHINA
40	Cobalt	Sichuan Jayson New Energy Technology Co., Ltd.	CHINA
41	Cobalt	SOCIETE MINIERE DU KATANGA (Lupoto Plant)	CONGO, DEMOCRATIC REPUBLIC OF THE
42	Cobalt	Societe pour le Traitement du Terril de Lubumbashi (STL)	CONGO, DEMOCRATIC REPUBLIC OF THE
43	Cobalt	SungEel HiTech Co., Ltd.	KOREA, REPUBLIC OF
44	Cobalt	Tenke Fungurume Mining SA	CONGO, DEMOCRATIC REPUBLIC OF THE
45	Cobalt	Umicore Finland Oy	FINLAND
46	Cobalt	Umicore Olen	BELGIUM
47	Cobalt	Uranus Chemicals	TAIWAN, PROVINCE OF CHINA
48	Cobalt	Vale - Long Harbour Processing Plant (LHPP)	CANADA
49	Cobalt	Zhejiang Greatpower Cobalt Materials Co., Ltd.	CHINA
50	Cobalt	Zhejiang Huayou Cobalt Company Limited	CHINA
51	Cobalt	Zhejiang New Era Zhongneng Technology Co., Ltd.	CHINA
52	Copper	Toyo Smelter & Refinery, Sumitomo Metal Mining	JAPAN
53	Copper	Eti Bakir A.S	TURKEY
54	Copper	Impala Platinum - Base Metal Refinery (BMR)	SOUTH AFRICA
55	Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
56	Gold	Aida Chemical Industries Co., Ltd.	JAPAN
57	Gold	Agosi AG	GERMANY
58	Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
59	Gold	Argor-Heraeus S.A.	SWITZERLAND
60	Gold	ASAHI METALFINE, Inc.	JAPAN
61	Gold	Asaka Riken Co., Ltd.	JAPAN
62	Gold	Aurubis AG	GERMANY
63	Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
64	Gold	Boliden Ronnskar	SWEDEN
65	Gold	C. Hafner GmbH + Co. KG	GERMANY
66	Gold	CCR Refinery - Glencore Canada Corporation	CANADA
67	Gold	Chimet S.p.A.	ITALY
68	Gold	Chugai Mining	JAPAN
69	Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
70	Gold	Dowa	JAPAN
71	Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
72	Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
73	Gold	Heimerle + Meule GmbH	GERMANY
74	Gold	Heraeus Metals Hong Kong Ltd.	CHINA
75	Gold	Heraeus Germany GmbH Co. KG	GERMANY
76	Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
77	Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
78	Gold	Istanbul Gold Refinery	TURKEY
79	Gold	Japan Mint	JAPAN
80	Gold	Jiangxi Copper Co., Ltd.	CHINA
81	Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA

82	Gold	Asahi Refining Canada Ltd.	CANADA
83	Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
84	Gold	Kazzinc	KAZAKHSTAN
85	Gold	Kojima Chemicals Co., Ltd.	JAPAN
86	Gold	LS MnM Inc.	KOREA, REPUBLIC OF
87	Gold	Materion	UNITED STATES OF AMERICA
88	Gold	Matsuda Sangyo Co., Ltd.	JAPAN
89	Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
90	Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
91	Gold	Metalor Technologies S.A.	SWITZERLAND
92	Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
93	Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO
94	Gold	Mitsubishi Materials Corporation	JAPAN
95	Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
96	Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
97	Gold	Nihon Material Co., Ltd.	JAPAN
98	Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
99	Gold	MKS PAMP SA	SWITZERLAND
100	Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
101	Gold	PX Precinox S.A.	SWITZERLAND
102	Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
103	Gold	Royal Canadian Mint	CANADA
104	Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
105	Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
106	Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
107	Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
108	Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
109	Gold	Tokuriki Honten Co., Ltd.	JAPAN
110	Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
111	Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
112	Gold	Valcambi S.A.	SWITZERLAND
113	Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
114	Gold	Yamakin Co., Ltd.	JAPAN
115	Gold	Yokohama Metal Co., Ltd.	JAPAN
116	Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
117	Gold	SAFINA A.S.	CZECHIA
118	Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
119	Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
120	Gold	T.C.A S.p.A	ITALY
121	Gold	REMONDIS PMR B.V.	NETHERLANDS
122	Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
123	Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
124	Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
125	Gold	Italpreziosi	ITALY
126	Gold	WIELAND Edelmetalle GmbH	GERMANY
127	Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
128	Gold	Planta Recuperadora de Metales SpA	CHILE
129	Gold	NH Recytech Company	KOREA, REPUBLIC OF
130	Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
131	Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN

132	Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
133	Gold	Gold by Gold Colombia	COLOMBIA
134	Gold	Coimpa Industrial LTDA	BRAZIL
135	Gold	GG Refinery Ltd.	TANZANIA, UNITED REPUBLIC OF
136	Gold	Elite Industech Co., Ltd.	TAIWAN, PROVINCE OF CHINA
137	Gold	Impala Platinum - Platinum Metals Refinery (PMR)	SOUTH AFRICA
138	Nickel	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
139	Nickel	Umicore Olen	BELGIUM
140	Nickel	PT DEBONAIR NICKEL INDONESIA	INDONESIA
141	Nickel	NORILSK NICKEL HARJAVALTA OY	FINLAND
142	Nickel	ICoNiChem Widnes Ltd	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
143	Nickel	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
144	Nickel	PT Obi Nickel Cobalt	INDONESIA
145	Nickel	Jiangmen Chancsun Umicore Industry Co.,Ltd	CHINA
146	Nickel	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
147	Nickel	Jiangxi Ruida New Energy Technology Co., Ltd.	CHINA
148	Nickel	Hunan Brunp Recycling Technology Co., Ltd.	CHINA
149	Nickel	Dynatec Madagascar Company	MADAGASCAR
150	Tantalum	F&X Electro-Materials Ltd.	CHINA
151	Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
152	Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
153	Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
154	Tantalum	AMG Brasil	BRAZIL
155	Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
156	Tantalum	Mineracao Taboca S.A.	BRAZIL
157	Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
158	Tantalum	NPM Silmet AS	ESTONIA
159	Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
160	Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
161	Tantalum	Taki Chemical Co., Ltd.	JAPAN
162	Tantalum	Telex Metals	UNITED STATES OF AMERICA
163	Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
164	Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
165	Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
166	Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
167	Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
168	Tantalum	KEMET de Mexico	MEXICO
169	Tantalum	TANIOBIS Co., Ltd.	THAILAND
170	Tantalum	TANIOBIS GmbH	GERMANY
171	Tantalum	Materion Newton Inc.	UNITED STATES OF AMERICA
172	Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
173	Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
174	Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
175	Tantalum	Global Advanced Metals Aizu	JAPAN
176	Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
177	Tantalum	Jiangxi Tuohong New Raw Material	CHINA
178	Tantalum	PowerX Ltd.	RWANDA
179	Tantalum	Jiangxi Suns Nonferrous Materials Co. Ltd.	CHINA

180	Tin	China Tin Group Co., Ltd.	CHINA
181	Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
182	Tin	Alpha Assembly Solutions Inc	UNITED STATES OF AMERICA
183	Tin	Dowa	JAPAN
184	Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
185	Tin	Estanho de Rondonia S.A.	BRAZIL
186	Tin	Fenix Metals	POLAND
187	Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
188	Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
189	Tin	Mineracao Taboca S.A.	BRAZIL
190	Tin	Minsur	PERU
191	Tin	Mitsubishi Materials Corporation	JAPAN
192	Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
193	Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)
194	Tin	PT Mitra Stania Prima	INDONESIA
195	Tin	PT Timah Tbk Kundur	INDONESIA
196	Tin	PT Timah Tbk Mentok	INDONESIA
197	Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
198	Tin	Thaisarco	THAILAND
199	Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
200	Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
201	Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
202	Tin	PT Rajehan Ariq	INDONESIA
203	Tin	Resind Industria e Comercio Ltda.	BRAZIL
204	Tin	Super Ligas	BRAZIL
205	Tin	Aurubis Beerse	BELGIUM
206	Tin	Aurubis Berango	SPAIN
207	Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
208	Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
209	Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
210	Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
211	Tin	PT Mitra Sukses Globalindo	INDONESIA
212	Tin	CRM Synergies	SPAIN
213	Tin	Takehara PVD Materials Plant / PVD Materials Division of MITSUI MINING & SMELTING CO., LTD.	JAPAN
214	Tin	Malaysia Smelting Corporation Berhad (Port Klang)	MALAYSIA
215	Tin	Dongguan Best Alloys Co., Ltd.	CHINA
216	Tin	Global Advanced Metals Greenbushes Pty Ltd.	AUSTRALIA
217	Tin	Woodcross Smelting Company Limited	UGANDA
218	Tungsten	A.L.M.T. Corp.	JAPAN
219	Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
220	Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
221	Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
222	Tungsten	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA
223	Tungsten	Japan New Metals Co., Ltd.	JAPAN
224	Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
225	Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
226	Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
227	Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA

228	Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
229	Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
230	Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
231	Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
232	Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
233	Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
234	Tungsten	H.C. Starck Tungsten GmbH	GERMANY
235	Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
236	Tungsten	Masan High-Tech Materials	VIET NAM
237	Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
238	Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
239	Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
240	Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
241	Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
242	Tungsten	Cronimet Brasil Ltda	BRAZIL
243	Tungsten	Tungsten Vietnam Joint Stock Company	VIET NAM
244	Tungsten	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA
245	Tungsten	Shinwon Tungsten (Fujian Shanghang) Co., Ltd.	CHINA
246	Tungsten	KENEE MINING VIETNAM COMPANY LIMITED	VIET NAM
247	Tungsten	Philippine Bonway Manufacturing Industrial Corporation	PHILIPPINES
248	Tungsten	Jing Yuan Tungsten Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA

Appendix II: Changes of Smelter/ Refiner List Compared with 2024

1. 2025 3TG smelters / refiners change compared with 2024, SORs not listed here keep conformant and eligible as 2024.
2. SORs RMAP status change, no content with “-” means the SORs are conformant and eligible.
3. SOR = Smelters or Refiners.

Item	Metal (*)	Smelter Look-up (*)	Smelter Country (*)	SORs Change in the annual report	SORs RMAP status change
1	Cobalt	Anhui Hanrui New Material Co., Ltd.	CHINA	Newly added	-
2	Cobalt	Ecopro Materials Co., Ltd.	KOREA, REPUBLIC OF	Newly added	-
3	Cobalt	GanZhou Yihao Umicore Industries Co., Ltd	CHINA	Newly added	-
4	Cobalt	Guangxi CNGR New Energy Science & Technology Co., Ltd.	CHINA	Newly added	-
5	Cobalt	Hunan Brunp Recycling Technology Co., Ltd.	CHINA	Newly added	-
6	Cobalt	ICoNiChem	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	Newly added	-
7	Cobalt	Impala Platinum - Base Metal Refinery (BMR)	SOUTH AFRICA	Newly added	-
8	Cobalt	Impala Platinum - Rustenburg Smelter	SOUTH AFRICA	Newly added	-
9	Cobalt	Jiangxi Ruida New Energy Technology Co., Ltd.	CHINA	Newly added	-
10	Cobalt	Kisanfu Mining (Kimin)	CONGO, DEMOCRATIC REPUBLIC OF THE	Newly added	-
11	Cobalt	Mutanda Mining SPRL	CONGO, DEMOCRATIC REPUBLIC OF THE	Newly added	-
12	Cobalt	PT Halmahera Persada Lygend	INDONESIA	Newly added	-
13	Cobalt	PT QMB New Energy Materials	INDONESIA	Newly added	-
14	Cobalt	Sichuan Jayson New Energy Technology Co., Ltd.	CHINA	Newly added	-
15	Cobalt	SOCIETE MINIERE DU KATANGA (Lupoto Plant)	CONGO, DEMOCRATIC REPUBLIC OF THE	Newly added	-
16	Cobalt	Vale - Long Harbour Processing Plant (LHPP)	CANADA	Newly added	-
17	Gold	GG Refinery Ltd.	TANZANIA, UNITED REPUBLIC OF	Newly added	-
18	Gold	Elite Industech Co., Ltd.	TAIWAN, PROVINCE OF CHINA	Newly added	-

19	Gold	Impala Platinum - Platinum Metals Refinery (PMR)	SOUTH AFRICA	Newly added	-
20	Tantalum	Jiangxi Suns Nonferrous Materials Co. Ltd.	CHINA	Newly added	-
21	Tin	Takehara PVD Materials Plant / PVD Materials Division of MITSUI MINING & SMELTING CO., LTD.	JAPAN	Newly added	-
22	Tin	Malaysia Smelting Corporation Berhad (Port Klang)	MALAYSIA	Newly added	-
23	Tin	Dongguan Best Alloys Co., Ltd.	CHINA	Newly added	-
24	Tin	Global Advanced Metals Greenbushes Pty Ltd.	AUSTRALIA	Newly added	-
25	Tin	Woodcross Smelting Company Limited	UGANDA	Newly added	-
26	Tungsten	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA	Newly added	-
27	Tungsten	Shinwon Tungsten (Fujian Shanghang) Co., Ltd.	CHINA	Newly added	-
28	Tungsten	KENEE MINING VIETNAM COMPANY LIMITED	VIET NAM	Newly added	-
29	Tungsten	Philippine Bonway Manufacturing Industrial Corporation	PHILIPPINES	Newly added	-
30	Tungsten	Jing Yuan Tungsten Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA	Newly added	-
31	Cobalt	Zhuhai Kelixin Metal Materials Co., Ltd.	CHINA	Deleted	Not conformant
32	Cobalt	Tianjin Maolian Science & Technology Co., Ltd.	CHINA	Deleted	Not eligible, temporarily ceased.
33	Cobalt	Mine de Bou-Azzer	MOROCCO	Deleted	-
34	Cobalt	Jiangsu Xiongfeng Technology Co., Ltd.	CHINA	Deleted	Not conformant
35	Cobalt	Jiangxi Jiangwu Cobalt Industrial Co., Ltd.	CHINA	Deleted	-
36	Cobalt	Guangdong Fangyuan New Materials Group Co., Ltd.	CHINA	Deleted	Not conformant
37	Cobalt	Anhui Hanrui New Material Co., Ltd.	CHINA	Deleted	-
38	Cobalt	CoreMax Corporation	TAIWAN, PROVINCE OF CHINA	Deleted	-
39	Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	Deleted	Conformant But out of valid circle
40	Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	Deleted	-
41	Gold	Shandong Gold Smelting Co., Ltd.	CHINA	Deleted	-
42	Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	Deleted	-
43	Tin	PT Premium Tin Indonesia	INDONESIA	Deleted	-
44	Tin	Feinhutte Halsbrucke GmbH	GERMANY	Deleted	-
45	Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA	Deleted	not conformant
46	Tin	Jiangxi New Nanshan Technology Ltd.	CHINA	Deleted	-
47	Tin	Soft Metais Ltda.	BRAZIL	Deleted	-
48	Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA	Deleted	Conformant But change to out of valid circle
49	Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	BRAZIL	Deleted	-
				Deleted	-

50	Tin	Mining Minerals Resources SARL	CONGO, DEMOCRATIC REPUBLIC OF THE	Deleted	-
51	Tantalum	QuantumClean	UNITED STATES OF AMERICA	Deleted	Conformant, RMAP audit in progress
52	Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	CHINA	Deleted	-
53	Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	Deleted	Conformant, RMAP audit in progress
54	Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM	Deleted	Conformant, RMAP audit in progress
55	Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	CHINA	Deleted	Not conformant.
56	Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES	Deleted	Not eligible but conformant
57	Tantalum	RFH Yancheng JinYE New Material Technology Co., Ltd.	CHINA	Deleted	Not eligible but conformant
58	Tungsten	Fujian Xinlu Tungsten Co., Ltd.	CHINA	Deleted	Not conformant
60	Tantalum	Jiangxi Tuohong New Raw Material	CHINA	Keep as 2024	Conformant but not eligible for the refiner temporarily ceasing
61	Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA	Keep as 2024	Conformant but not eligible for the smelter temporarily ceasing
62	Tungsten	Philippine Bonway Manufacturing Industrial Corporation	PHILIPPINES	Keep as 2024	Conformant but not eligible for the refiner temporarily ceasing
63	Tungsten	Xiamen Tungsten Co., Ltd.	CHINA	Keep as 2024	Conformant but out of RMAP audit circle, and may remove RMAP confirmed with the smelter
64	Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA	Keep as 2024	Conformant but out of RMAP audit circle, and may remove RMAP confirmed with the smelter
65	Tin	China Tin Group Co., Ltd.	CHINA	Keep as 2024	Conformant but out of RMAP audit circle
66	Gold	Yokohama Metal Co., Ltd.	JAPAN	Keep as 2024	Conformant but out of RMAP audit circle
67	Gold	Istanbul Gold Refinery	TURKEY	Keep as 2024	Conformant but out of RMAP audit circle
68	Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA	Keep as 2024	Conformant but out of RMAP audit circle
69	Gold	Mitsubishi Materials Corporation	JAPAN	Keep as 2024	Conformant but out of RMAP audit circle

70	Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN	Keep as 2024	Conformant but out of RMAP audit circle
71	Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA	Keep as 2024	Conformant but out of RMAP audit circle
72	Tin	Alpha Assembly Solutions Inc	UNITED STATES OF AMERICA	Keep as 2024	Conformant but out of RMAP audit circle
73	Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	Keep as 2024	Conformant but out of RMAP audit circle
74	Tantalum	Jiangxi Suns Nonferrous Materials Co. Ltd.	CHINA	Keep as 2024	Conformant but out of RMAP audit circle

4. 2025 add new types of minerals of copper and Nickel

Item	Metal (*)	Smelter Look-up (*)	Smelter Country (*)
1	Copper	Toyo Smelter & Refinery, Sumitomo Metal Mining	JAPAN
2	Copper	Eti Bakir A.S	TURKEY
3	Copper	Impala Platinum - Base Metal Refinery (BMR)	SOUTH AFRICA
4	Nickel	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
5	Nickel	Umicore Olen	BELGIUM
6	Nickel	PT DEBONAIR NICKEL INDONESIA	INDONESIA
7	Nickel	NORILSK NICKEL HARJAVALTA OY	FINLAND
8	Nickel	ICoNiChem Widnes Ltd	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
9	Nickel	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
10	Nickel	PT Obi Nickel Cobalt	INDONESIA
11	Nickel	Jiangmen Chancsun Umicore Industry Co.,Ltd	CHINA
12	Nickel	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
13	Nickel	Jiangxi Ruida New Energy Technology Co., Ltd.	CHINA
14	Nickel	Hunan Brunp Recycling Technology Co., Ltd.	CHINA
15	Nickel	Dynatec Madagascar Company	MADAGASCAR