

Conflict Minerals Report 2024

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TPV | **冠捷科技**
VISION INNOVATOR | 用心專注 領航視界

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Conflict Minerals Definition

Conflict minerals: In Congo-Kinshasa and the surrounding countries, the mining of tin, tantalum, tungsten and gold (known as “3TG” conflict minerals), cobalt and other rare earth elements have caused serious human rights and environmental issues. Most of the mining activities in these areas associated with armed groups of conflict (funding), lead to long-term instability in the region.

Various parties, including the United States Congress, have concerns that the exploitation and trade of conflict minerals by armed groups is helping to finance conflict in the Democratic Republic of Congo (“DRC”) region and is contributing to an emergency humanitarian crisis.

Conflict Minerals Management Policy

To support the global prohibition of conflict minerals, TPV has developed an internal conflict minerals management system to ensure TPV and its suppliers avoid the procurement of conflict minerals. TPV itself and suppliers neither directly nor indirectly finance armed groups in conflict-affected regions. TPV itself and suppliers neither tolerate nor contribute to human rights abuses that include forced labor, child labor and environmental degradation.

TPV Due Diligence Program

Based on the second 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, Cobalt, Mica and other rare earth elements, referred to in this report as “OECD Guidance”), TPV supports an industry initiative that uses an independent third-party audit to identify smelters and refiners that have systems in place to assure the sourcing of only conflict-free materials. That industry initiative is called RMI (Responsible Mineral Initiative) and is also known as CFSI (*Conflict-Free Sourcing Initiative*). TPV Technology Ltd, as a mother company of AOC International Europe B.V. and MMD Monitors & Display Nederland B.V., has been RMI member since 2015.

<http://www.responsiblemineralsinitiative.org/about/members-and-collaborations/>

TPV is thereby member of the Responsible Business Alliance (RBA). The RBA is a nonprofit comprised of leading companies committed to supporting the rights and well-being of workers and communities worldwide that are affected by global supply chains. RBA members commit and are held accountable to a common Code of Conduct and utilize a range of RBA trainings and due diligence tools to support continual improvement in the social, environmental and ethical performance of their supply chains.

TPV became also member of ITSCI (International Tin Association). It’s an award-winning multi-stakeholder programme contributing to better governance, human rights & stability. ITSCI’s purpose is to create responsible mineral supply chains that avoid contributing to conflict, human rights abuses, or other risks such as bribery, currently in central Africa.

TPV distinguish the following five-step OECD-framework for due diligence in the mineral supply chain:

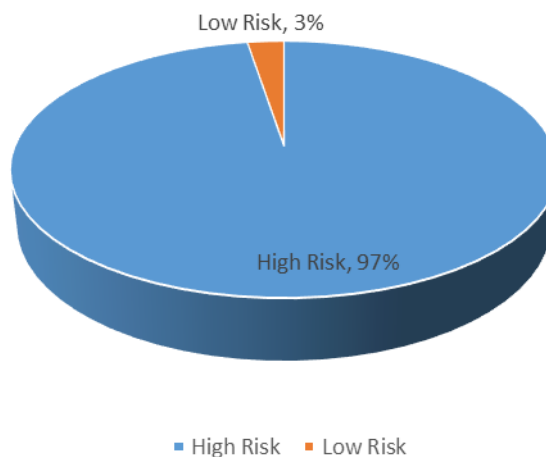
Step 1: Establish strong company management system

- 1) Annually, TPV publish as conflict minerals report, which has conflict mineral management requirements for suppliers, on <https://www.tpv-tech.com/duty3.html>. We also have an internal management procedure called 'Procedures of Conflict Mineral Management / SOP'.
- 2) TPV is 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) TPV requires the suppliers to complete the Conflict Minerals Reporting Template (CMRT) and Extended Mineral Reporting Template (EMRT) on a yearly basis.
- 4) TPV requires the high/low risk suppliers to sign the guarantee letter of not using conflict minerals.

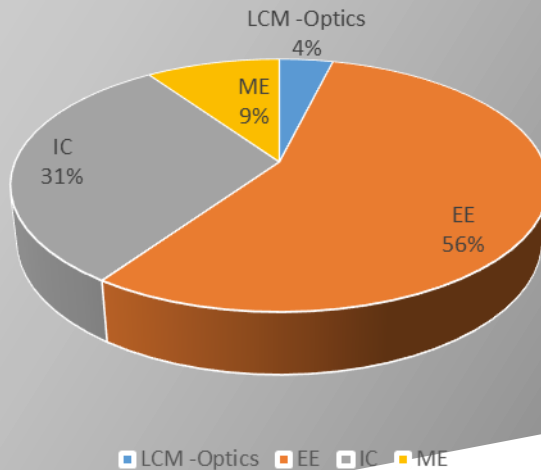
Step 2: Identify and assess risks in the supply chain

- 1) We established a risk review method (Conflict mineral risk assessment form) to identify risks in the supply chain. High risk - metal parts having either of Tin, Tantalum, Tungsten, Gold, Cobalt and Mica;
Low risk - metal parts as low risk having no substance containing Tin, Tantalum, Tungsten, Gold, Cobalt and Mica;
No risk - parts not having metal.
- 2) According to the above risk identification, TPV addresses high and low risk suppliers for due diligence investigation, and requires high and low risk suppliers to sign the guarantee letter declaiming that they do not directly or indirectly finance armed groups in the DRC or an adjoining country, neither tolerate nor contribute to human rights abuses that include forced labor, child labor and environmental degradation.

2024 TPV High/Low Risk Ratio



High Risk Category



EE: Electrical parts
 IC: Integrated Circuits
 Liquid Crystal Module (LCM)-Optics: Optic parts in panel
 ME: Mechanical parts

- TPV evaluates the smelters identified in the supplier CMRTs and EMRTs based on the information available and we use the RMAP (Responsible Mineral Assurance Process) compliant smelter list. TPV relies on industry programs like the RMAP to carry out smelter assessments, and we also rely on the RMAP eligible smelter list to determine whether smelters performed due diligence.

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

- TPV identifies non RMAP compliant smelters as high risks. For non-conformities that have been identified, we request all our suppliers to stop using the smelters and change to compliant ones. We also have an obligation to promote suppliers' understanding of using conflict-free minerals is an important item in our procurement scoring program. For suppliers can't fulfill our conflict-free policy, we ask for improvement actions. If a supplier still fails to improve and other suppliers can be a good alternative, TPV prefers to select a more reliable supplier. Since 2021, TPV focused on promoting the establishment of conflict-free minerals management methods in the supply chain, and will continue to conduct random checks on high-risk suppliers by e-mail, telephone or other communication methods, and provide feedback on how to improve policies when necessary.
- TPV receives the latest RMAP smelter list and double confirm whether the change will affect TPV's smelter list. If the smelter is removed from RMAP system then TPV will repeat the above Step 3, item 1).

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

TPV relies on information provided by the RMAP for this step, and uses the RMI Reasonable Country of Origin Inquiry (RCOI) report to identify the minerals country of origin and conflict-free status of smelters.

Step 5. Report annually on supply chain due diligence

Since 2017, TPV reports annually on supply chain due diligence and will continue to update the smelter list every year.

Due Diligence Practice in the Supply Chain

TPV initiated a high-risk supplier survey at 2023. All our suppliers need to fill out the CMRT published by RMI in order for us to identify traceability of minerals used in the supply chain. The goal is that the response rate is 100% according to TPV's strict policy. In summary, during the review period from December 1, 2024 to March 31, 2025, there are total 231 smelters or refineries (with 42 Cobalt smelters) in the TPV supply chain, which are involved and certified in the RMAP (listed in Appendix). For non-active smelters, TPV gives 3 months to implement the improvement, if there is still no progress, TPV will ask the suppliers to stop using the smelters within one month. If there is no improvement or the supplier doesn't want to collaborate, we terminate the contract with them.

The percentage of suppliers for which information regarding conflict minerals is available is 100% in 2024.

Despite what TPV executes, we all know that researching the source of minerals through the supply chain is a complex task. As the final assemblies, TPV does not purchase materials directly from mines, smelters or refiners. At this stage, it is impossible to trace the use of mineral materials at each downstream supplier of each material. Instead of that, TPV relies on the suppliers' CMRT reports. Therefore, the completed and correct supplier reports and the suppliers' procurement contracts will reduce the risk of purchasing components with mineral-containing materials.

New collaboration with ITSCI

ITSCI works to achieve avoidance of conflict financing, human rights abuses, or other risks such as bribery in mineral supply chains. By making available unique and credible information to businesses, government authorities and civil society participation in ITSCI allows them to take appropriate and effective decisions on due diligence and steps towards progressive improvement.

The project's multiple components will be implemented in North and South Kivu Provinces. In conflict-affected and high-risk areas, risks related to human rights and security may arise due to lack of knowledge about legal instruments, protections, and responsibilities in the mining sector. To mitigate this, ITSCI will train local stakeholders on local laws and regulations most notably the DRC Mining Code. This will benefit artisanal miners, state mining services, public security forces, and local community members, whilst also increasing their understanding of their rights and enhancing governance of the mining sector overall.

The project will particularly address the topic of gender challenges in mining, including women's rights and the fight against sexual and gender-based violence. Recognizing the significant contribution made by women to artisanal and small-scale mining, ITSCI will implement awareness-raising activities to promote and enhance women's empowerment in the sector. The project further focuses on Occupational Health and Safety (OHS) risks which are prevalent in artisanal and small-scale mining. Many of these risks can have significant human, social, and economic impacts, but can often be avoided through safer mining practices. ITSCI will conduct multiple trainings on OHS in mining for artisanal miners, cooperatives, and state services and will work with them to jointly support ongoing risk monitoring and mitigation at ITSCI monitored sites. TPV have been a member of ITSCI since February 2023 and, at the end of the year, TPV deepened more collaboration by supporting this project.

Progress with ITSCI at 2024

The project includes five key components, in targeted locations:

- 1) Awareness-raising about the DRC Mining Code
- 2) OHS training and awareness-raising
- 3) OHS risk monitoring and mitigation
- 4) Support of women-owned businesses and awareness-raising on gender
- 5) Research on disabilities in ASM (Artisanal and Small-scale Mining)
- 6) In 2024, the participants of the DRC Mining Code combined with Occupational Health and Safety (OHS) awareness-raising reached more than 3,300, including 20% of women. More than 470 people, including around 320 women, participated in awareness-raising sessions on women's rights, the fight against gender-based violence, and the economic empowerment of women. 250 participants, 54% of whom were women were surveyed for the research on disabilities in artisanal and small-scale mining (ASM). People with disabilities or marginalized were identified and shared their experiences with the project team.

Further Due Diligence Plan

Since 2019, TPV has the CMRT investigation in place of 3TG together with extended minerals like Cobalt and Mica. TPV continues the engagement with industry programs like RMI, to actively attend its seminars and summits to have the latest information and pass it to the priority suppliers.

Addressing Concerns

TPV actively encourages its employees and other parties such as upstream companies (e.g. smelters, mines) to report concerns either directly to the company or through TPV's ethics hotline, training course and other channels. Employees, customers or suppliers of the company can report violations of TPV's ethical behavior or issues related to conflict minerals by the specific channel: email (Jenna.We@tpv-tech.com), or by phone (+86-591-85285555). After concerns and/or violations confirmed by team, the concerns and/or violations shall be corrected and all these reports with corrective actions are kept confidential and protected by anti-retaliation policy defined in our internal procedure. TPV also looks forward to suggestions for improvement to minimize procurement risks and obliging responsibility to the international community's actions for conflict-free minerals.

Appendix: 2024 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	Eti Bakir A.S	TURKEY
6	Cobalt	Fujian Evergreen New Energy Technology Co.	CHINA
7	Cobalt	Ganzhou Highpower Technology Co., Ltd.	CHINA
8	Cobalt	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	CHINA
9	Cobalt	Gem (Jiangsu) Cobalt Industry Co., Ltd.	CHINA
10	Cobalt	Guangdong Fangyuan New Materials Group Co., Ltd.	CHINA
11	Cobalt	Guangdong Jiana Energy Technology Co., Ltd.	CHINA
12	Cobalt	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
13	Cobalt	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	CHINA
14	Cobalt	Harima Refinery, Sumitomo Metal Mining	JAPAN
15	Cobalt	Hunan CNGR New Energy Science & Technology Co., Ltd.	CHINA
16	Cobalt	Hunan Yacheng New Materials Co., Ltd.	CHINA
17	Cobalt	Jiangsu Xiongfeng Technology Co., Ltd.	CHINA
18	Cobalt	Jiangxi Jiangwu Cobalt Industrial Co., Ltd.	CHINA
19	Cobalt	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	CHINA
20	Cobalt	Jingmen GEM Co., Ltd.	CHINA
21	Cobalt	Kamoto Copper Company	CONGO, DEMOCRATIC REPUBLIC OF THE
22	Cobalt	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	CONGO, DEMOCRATIC REPUBLIC OF THE
23	Cobalt	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	CHINA
24	Cobalt	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA
25	Cobalt	Mechema Taiwan Plant 2	TAIWAN, PROVINCE OF CHINA
26	Cobalt	Mine de Bou-Azzer	MOROCCO
27	Cobalt	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
28	Cobalt	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
29	Cobalt	NORILSK NICKEL HARJAVALTA OY	FINLAND

30	Cobalt	Port Colborne Refinery	CANADA
31	Cobalt	Quzhou Huayou Cobalt New Material Co., Ltd.	CHINA
32	Cobalt	Societe pour le Traitement du Terril de Lubumbashi (STL)	CONGO, DEMOCRATIC REPUBLIC OF THE
33	Cobalt	SungEel HiTech Co., Ltd.	KOREA, REPUBLIC OF
34	Cobalt	Tenke Fungurume Mining SA	CONGO, DEMOCRATIC REPUBLIC OF THE
35	Cobalt	Tianjin Maolian Science & Technology Co., Ltd.	CHINA
36	Cobalt	Umicore Finland Oy	FINLAND
37	Cobalt	Umicore Olen	BELGIUM
38	Cobalt	CoreMax Corporation	TAIWAN, PROVINCE OF CHINA
39	Cobalt	Zhejiang Greatpower Cobalt Materials Co., Ltd.	CHINA
40	Cobalt	Zhejiang Huayou Cobalt Company Limited	CHINA
41	Cobalt	Zhejiang New Era Zhongneng Technology Co., Ltd.	CHINA
42	Cobalt	Zhuhai Kelixin Metal Materials Co., Ltd.	CHINA
43	Gold	LS MnM Inc.	KOREA, REPUBLIC OF
44	Gold	Asahi Refining Canada Ltd.	CANADA
45	Gold	Japan Mint	JAPAN
46	Gold	Istanbul Gold Refinery	TURKEY
47	Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
48	Gold	Heraeus Germany GmbH Co. KG	GERMANY
49	Gold	Heraeus Metals Hong Kong Ltd.	CHINA
50	Gold	Heimerle + Meule GmbH	GERMANY
51	Gold	Dowa	JAPAN
52	Gold	Chimet S.p.A.	ITALY
53	Gold	Boliden Ronnskar	SWEDEN
54	Gold	Aurubis AG	GERMANY
55	Gold	Asaka Riken Co., Ltd.	JAPAN
56	Gold	Asahi Pretec Corp.	JAPAN
57	Gold	Argor-Heraeus S.A.	SWITZERLAND
58	Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
59	Gold	Aida Chemical Industries Co., Ltd.	JAPAN
60	Gold	Jiangxi Copper Co., Ltd.	CHINA
61	Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
62	Gold	Metalor Technologies S.A.	SWITZERLAND
63	Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
64	Gold	Matsuda Sangyo Co., Ltd.	JAPAN
65	Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
66	Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
67	Gold	Mitsubishi Materials Corporation	JAPAN

68	Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
69	Gold	Nihon Material Co., Ltd.	JAPAN
70	Gold	MKS PAMP SA	SWITZERLAND
71	Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
72	Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
73	Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
74	Gold	Tokuriki Honten Co., Ltd.	JAPAN
75	Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
76	Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
77	Gold	Kojima Chemicals Co., Ltd.	JAPAN
78	Gold	Royal Canadian Mint	CANADA
79	Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
80	Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
81	Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
82	Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
83	Gold	Agosi AG	GERMANY
84	Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
85	Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
86	Gold	C. Hafner GmbH + Co. KG	GERMANY
87	Gold	CCR Refinery - Glencore Canada Corporation	CANADA
88	Gold	Chugai Mining	JAPAN
89	Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
90	Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
91	Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
92	Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
93	Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
94	Gold	Kazzinc	KAZAKHSTAN
95	Gold	Materion	UNITED STATES OF AMERICA
96	Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
97	Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO
98	Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
99	Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
100	Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
101	Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA

102	Gold	PX Precinox S.A.	SWITZERLAND
103	Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
104	Gold	Shandong Gold Smelting Co., Ltd.	CHINA
105	Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
106	Gold	Valcambi S.A.	SWITZERLAND
107	Gold	Yamakin Co., Ltd.	JAPAN
108	Gold	Yokohama Metal Co., Ltd.	JAPAN
109	Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
110	Gold	SAFINA A.S.	CZECHIA
111	Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
112	Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
113	Gold	T.C.A S.p.A	ITALY
114	Gold	REMONDIS PMR B.V.	NETHERLANDS
115	Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
116	Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
117	Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
118	Gold	Italpreziosi	ITALY
119	Gold	WIELAND Edelmetalle GmbH	GERMANY
120	Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
121	Gold	Planta Recuperadora de Metales SpA	CHILE
122	Gold	NH Recytech Company	KOREA, REPUBLIC OF
123	Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
124	Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
125	Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
126	Gold	Gold by Gold Colombia	COLOMBIA
127	Gold	Coimpa Industrial LTDA	BRAZIL
128	Tantalum	F&X Electro-Materials Ltd.	CHINA
129	Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
130	Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
131	Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
132	Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
133	Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
134	Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
135	Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
136	Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
137	Tantalum	TANIOBIS Co., Ltd.	THAILAND
138	Tantalum	TANIOBIS GmbH	GERMANY

139	Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
140	Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
141	Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
142	Tantalum	Global Advanced Metals Aizu	JAPAN
143	Tantalum	Materion Newton Inc.	UNITED STATES OF AMERICA
144	Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
145	Tantalum	AMG Brasil	BRAZIL
146	Tantalum	Mineracao Taboca S.A.	BRAZIL
147	Tantalum	NPM Silmet AS	ESTONIA
148	Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
149	Tantalum	QuantumClean	UNITED STATES OF AMERICA
150	Tantalum	Taki Chemical Co., Ltd.	JAPAN
151	Tantalum	Telex Metals	UNITED STATES OF AMERICA
152	Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
153	Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
154	Tantalum	KEMET de Mexico	MEXICO
155	Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
156	Tantalum	Jiangxi Tuohong New Raw Material	CHINA
157	Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	CHINA
158	Tantalum	PowerX Ltd.	RWANDA
159	Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	CHINA
160	Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
161	Tin	Fenix Metals	POLAND
162	Tin	Dowa	JAPAN
163	Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
164	Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
165	Tin	China Tin Group Co., Ltd.	CHINA
166	Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
167	Tin	Mineracao Taboca S.A.	BRAZIL
168	Tin	Minsur	PERU
169	Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)
170	Tin	PT Mitra Stania Prima	INDONESIA
171	Tin	PT Timah Tbk Kundur	INDONESIA
172	Tin	PT Timah Tbk Mentok	INDONESIA

173	Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
174	Tin	Thaisarco	THAILAND
175	Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
176	Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
177	Tin	Aurubis Beerse	BELGIUM
178	Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
179	Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
180	Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
181	Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
182	Tin	Mitsubishi Materials Corporation	JAPAN
183	Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
184	Tin	Aurubis Berango	SPAIN
185	Tin	Alpha	UNITED STATES OF AMERICA
186	Tin	PT Premium Tin Indonesia	INDONESIA
187	Tin	Estanho de Rondonia S.A.	BRAZIL
188	Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
189	Tin	Magnu's Minerai's Metais e Ligas Ltda.	BRAZIL
190	Tin	PT Rajehan Ariq	INDONESIA
191	Tin	Resind Industria e Comercio Ltda.	BRAZIL
192	Tin	Super Ligas	BRAZIL
193	Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA
194	Tin	PT Mitra Sukses Globalindo	INDONESIA
195	Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	BRAZIL
196	Tin	CRM Synergies	SPAIN
197	Tin	Mining Minerals Resources SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
198	Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
199	Tin	Soft Metais Ltda.	BRAZIL
200	Tin	Feinhutte Halsbrucke GmbH	GERMANY
201	Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
202	Tungsten	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA
203	Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
204	Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
205	Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA

206	Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	CHINA
207	Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
208	Tungsten	Japan New Metals Co., Ltd.	JAPAN
209	Tungsten	A.L.M.T. Corp.	JAPAN
210	Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
211	Tungsten	H.C. Starck Tungsten GmbH	GERMANY
212	Tungsten	Masan High-Tech Materials	VIET NAM
213	Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
214	Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
215	Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
216	Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
217	Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
218	Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
219	Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
220	Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
221	Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
222	Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
223	Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
224	Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
225	Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
226	Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
227	Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
228	Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
229	Tungsten	Cronimet Brasil Ltda	BRAZIL
230	Tungsten	Fujian Xinlu Tungsten Co., Ltd.	CHINA
231	Tungsten	Tungsten Vietnam Joint Stock Company	VIET NAM

Revision list

Ver.	Summary of the revision	Revised by	Approved by	Date of issue
0.0	New Establishment	Hong Wei	Jed Hsu	Sep-02-2019
1.0	Add cobalt requirements	Hong Wei	Vivian Hsu	Sep-08-2020
2.0	Updated version	Zen Tseng	Kevin Hung	Feb-05-2021
2.1	Add OECD guideline	Zen Tseng	Kevin Hung	Oct-08-2021
3.0	Updated version	Zen Tseng	Kevin Hung	Mar-11-2022
4.0	Updated version, add new memberships	Zen Tseng	Kevin Hung	Feb-24-2023
5.0	Updated version	Zen Tseng	Kodi Cheng	Apr-19-2024
6.0	Updated version	Zen Tseng	Kodi Cheng	Apr-25-2025