

# Smelter and Refiner List in Samsung Electronics' Supply Chain (as of 2023)

## 3TG Smelter and Refiner List

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
1	Tantalum	CID000211	Changsha South Tantalum Niobium Co., Ltd.	China	Conformant	-	-
2	Tantalum	CID000460	F&X Electro-Materials Ltd.	China	Conformant	LR, HR, CC, DRC	LR, CC, DRC, HR
3	Tantalum	CID000616	XIMEI RESOURCES (GUANGDONG) LIMITED	China	Conformant	LR, HR, CC, DRC	***
4	Tantalum	CID000914	JiuJiang JinXin Nonferrous Metals Co., Ltd.	China	Conformant	LR, HR, DRC, CC	L1
5	Tantalum	CID000917	Jiujiang Tanbre Co., Ltd.	China	Conformant	DRC, HR, R/S, LR, CC	LR, HR, CC, DRC
6	Tantalum	CID001076	AMG Brasil	Brazil	Conformant	LR, HR	N/A
7	Tantalum	CID001163	Metallurgical Products India Pvt., Ltd.	India	Conformant	LR, R/S	L1
8	Tantalum	CID001175	Mineracao Taboca S.A.	Brazil	Conformant	LR	N/A
9	Tantalum	CID001192	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	HR, CC, R/S	N/A
10	Tantalum	CID001200	NPM Silmet AS	Estonia	Conformant	R/S, LR	LR, HR
11	Tantalum	CID001277	Ningxia Orient Tantalum Industry Co., Ltd.	China	Conformant	LR, HR, DRC, CC	LR, HR, DRC, CC, R/S
12	Tantalum	CID001508	QuantumClean	USA	Conformant	R/S	N/A
13	Tantalum	CID001522	Yanling Jincheng Tantalum & Niobium Co., Ltd.	China	Conformant	LR	***
14	Tantalum	CID001869	Taki Chemical Co., Ltd.	Japan	Conformant	R/S	N/A
15	Tantalum	CID001891	Telex Metals	USA	Conformant	LR, R/S	LR, HR, DRC, CC, R/S
16	Tantalum	CID001969	Ulba Metallurgical Plant JSC	Kazakhstan	Conformant	HR, LR, DRC, R/S	LR, HR, DRC, R/S
17	Tantalum	CID002232	Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	Conformant	-	-
18	Tantalum	CID002492	Hengyang King Xing Lifeng New Materials Co., Ltd.	China	Conformant	LR, HR, CC	LR
19	Tantalum	CID002504	D Block Metals, LLC	USA	Conformant	R/S, LR	LR, CC, DRC, R/S, HR
20	Tantalum	CID002505	FIR Metals & Resource Ltd.	China	Conformant	LR, R/S	LR, HR, DRC, R/S
21	Tantalum	CID002506	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	China	Conformant	LR	N/A
22	Tantalum	CID002508	XinXing HaoRong Electronic Material Co., Ltd.	China	Conformant	HR	L1
23	Tantalum	CID002512	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	China	Conformant	LR	N/A
24	Tantalum	CID002539	KEMET de Mexico	Mexico	Conformant	LR, R/S	LR, CC, DRC, HR, R/S
25	Tantalum	CID002544	TANIOBIS Co., Ltd.	Thailand	Conformant	LR, CC, DRC, HR, R/S	LR, HR, CC, DRC, R/S

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
26	Tantalum	CID002545	TANIOBIS GmbH	Germany	Conformant	LR, CC, DRC, HR, R/S	LR, R/S and Mined (See aggregated data below for TI-CMC Sourcing)
27	Tantalum	CID002548	Materion Newton Inc.	USA	Conformant	LR, R/S	LR, HR, CC, DRC, R/S
28	Tantalum	CID002549	TANIOBIS Japan Co., Ltd.	Japan	Conformant	LR	LR, CC, HR, DRC, R/S
29	Tantalum	CID002550	TANIOBIS Smelting GmbH & Co. KG	Germany	Conformant	LR, R/S	LR, CC, DRC, HR, R/S
30	Tantalum	CID002556	Plansee SE Reutte	AUSTRIA	Conformant	-	-
31	Tantalum	CID002557	Global Advanced Metals Boyertown	USA	Conformant	DRC, CC, HR, LR, R/S	LR, CC, HR, R/S
32	Tantalum	CID002558	Global Advanced Metals Aizu	Japan	Conformant	R/S, LR	DRC, CC, HR, LR, R/S
33	Tantalum	CID002566	Taike Technology (Suzhou) Co.,Ltd.	CHINA	Conformant	-	-
34	Tantalum	CID002705	Avon Specialty Metals Ltd.	United Kingdom	Conformant	-	-
35	Tantalum	CID002707	Resind Industria e Comercio Ltda.	Brazil	Conformant	LR	LR
36	Tantalum	CID002842	Jiangxi Tuohong New Raw Material	China	Conformant	LR	LR, HR, DRC, CC
37	Tantalum	CID003159	RFH Recycling Metals Co., Ltd.	CHINA	Conformant	-	-
38	Tantalum	CID003191	Jiujiang Janny New Material Co., Ltd.	CHINA	Conformant	-	-
39	Tantalum	CID003498	V&D New Materials (Jiangsu) Co., Ltd.	CHINA	Conformant	-	-
40	Tantalum	CID003583	RFH Yancheng Jinye New Material Technology Co., Ltd.	China	Conformant	LR	N/A
41	Tantalum	CID003973	XIMEI RESOURCES(GUIZHOU) TECHNOLOGY CO., LTD.	CHINA	Conformant	-	-
42	Tantalum	CID004054	PowerX Ltd.	Rwanda	Conformant	HR, CC	N/A
43	Tin	CID000228	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	China	Conformant	LR, R/S	N/A
44	Tin	CID000292	Alpha	USA	Conformant	LR, R/S	L1, LR, CC, DRC, HR, R/S
45	Tin	CID000309	PT Aries Kencana Sejahtera	INDONESIA	Conformant	LR	N/A
46	Tin	CID000313	PT Premium Tin Indonesia	INDONESIA	Conformant	LR	N/A
47	Tin	CID000402	Dowa	Japan	Conformant	R/S	N/A
48	Tin	CID000438	EM Vinto	Bolivia	Conformant	LR	N/A
49	Tin	CID000448	Estanho de Rondonia S.A.	Brazil	Conformant	LR	N/A
50	Tin	CID000468	Fenix Metals	Poland	Conformant	LR, R/S	LR
51	Tin	CID000538	Gejiu Non-Ferrous Metal Processing Co., Ltd.	China	Conformant	LR	N/A
52	Tin	CID001070	China Tin Group Co., Ltd.	China	Conformant	LR	LR, R/S
53	Tin	CID001105	Malaysia Smelting Corporation (MSC)	Malaysia	Conformant	L1, HR, CC, DRC, R/S	L1, R/S
54	Tin	CID001142	Metallic Resources, Inc.	USA	Conformant	LR, R/S	LR, R/S

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
55	Tin	CID001173	Mineracao Taboca S.A.	Brazil	Conformant	LR	N/A
56	Tin	CID001182	Minsur	Perú	Conformant	LR	N/A
57	Tin	CID001191	Mitsubishi Materials Corporation	Japan	Conformant	R/S	N/A
58	Tin	CID001231	Jiangxi New Nanshan Technology Ltd.	China	Conformant	LR, R/S	L1
59	Tin	CID001314	O.M. Manufacturing (Thailand) Co., Ltd.	Thailand	Conformant	R/S	N/A
60	Tin	CID001337	Operaciones Metalurgicas S.A.	Bolivia	Conformant	LR	N/A
61	Tin	CID001399	PT Artha Cipta Langgeng	Indonesia	Conformant	LR	N/A
62	Tin	CID001402	PT Babel Inti Perkasa	Indonesia	Conformant	LR	N/A
63	Tin	CID001406	PT Babel Surya Alam Lestari	Indonesia	Conformant	LR	N/A
64	Tin	CID001428	PT Bukit Timah	Indonesia	Conformant	LR	N/A
65	Tin	CID001453	PT Mitra Stania Prima	Indonesia	Conformant	LR	N/A
66	Tin	CID001458	PT Prima Timah Utama	Indonesia	Conformant	LR	N/A
67	Tin	CID001460	PT Refined Bangka Tin	Indonesia	Conformant	LR	N/A
68	Tin	CID001463	PT Sariwiguna Binasentosa	Indonesia	Conformant	LR	N/A
69	Tin	CID001468	PT Stanindo Inti Perkasa	Indonesia	Conformant	LR	N/A
70	Tin	CID001477	PT Timah Tbk Kundur	Indonesia	Conformant	LR	N/A
71	Tin	CID001482	PT Timah Tbk Mentok	Indonesia	Conformant	LR	N/A
72	Tin	CID001486	PT Timah Nusantara	INDONESIA	Conformant	LR	N/A
73	Tin	CID001490	PT Tinindo Inter Nusa	Indonesia	Conformant	LR	N/A
74	Tin	CID001493	PT Tommy Utama	INDONESIA	Conformant	LR	LR
75	Tin	CID001539	Rui Da Hung	Taiwan	Conformant	LR, R/S	LR, R/S
76	Tin	CID001758	Soft Metais Ltda.	Brazil	Conformant	-	-
77	Tin	CID001898	Thaisarco	Thailand	Conformant	LR, CC, HR, DRC, R/S	L1, LR, HR, CC, DRC, R/S
78	Tin	CID002036	White Solder Metalurgia e Mineracao Ltda.	Brazil	Conformant	-	-
79	Tin	CID002158	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	China	Conformant	LR	LR
80	Tin	CID002180	Tin Smelting Branch of Yunnan Tin Co., Ltd.	China	Conformant	LR, HR, DRC, R/S	L1, HR, CC, DRC, R/S
81	Tin	CID002455	CV Venus Inti Perkasa	INDONESIA	Conformant	LR	N/A
82	Tin	CID002468	Magnu's Minerai's Metais e Ligas Ltda.	Brazil	Conformant	LR, R/S	LR, R/S
83	Tin	CID002503	PT ATD Makmur Mandiri Jaya	Indonesia	Conformant	LR	N/A
84	Tin	CID002517	O.M. Manufacturing Philippines, Inc.	Philippines	Conformant	R/S	LR, R/S
85	Tin	CID002570	CV Ayi Jaya	INDONESIA	Conformant	LR	N/A
86	Tin	CID002593	PT Rajehan Ariq	Indonesia	Conformant	LR	N/A
87	Tin	CID002696	PT Cipta Persada Mulia	Indonesia	Conformant	LR	N/A

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
88	Tin	CID002706	Resind Industria e Comercio Ltda.	Brazil	Conformant	LR	LR
89	Tin	CID002756	Super Ligas	BRAZIL	Conformant	LR	N/A
90	Tin	CID002773	Aurubis Beerse	Belgium	Conformant	LR, R/S	L1, LR, CC, HR, DRC, R/S
91	Tin	CID002774	Aurubis Berango	Spain	Conformant	R/S, LR	LR, R/S
92	Tin	CID002776	PT Bangka Prima Tin	INDONESIA	Conformant	LR	N/A
93	Tin	CID002816	PT Sukses Inti Makmur (SIM)	Indonesia	Conformant	LR	N/A
94	Tin	CID002835	PT Menara Cipta Mulia	Indonesia	Conformant	LR	N/A
95	Tin	CID002844	HuiChang Hill Tin Industry Co., Ltd.	China	Conformant	L1	N/A
96	Tin	CID003116	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	China	Conformant	LR, R/S	N/A
97	Tin	CID003190	Chifeng Dajingzi Tin Industry Co., Ltd.	China	Conformant	L1, R/S	N/A
98	Tin	CID003205	PT Bangka Serumpun	Indonesia	Conformant	LR	N/A
99	Tin	CID003325	Tin Technology & Refining	USA	Conformant	R/S	LR, R/S
100	Tin	CID003381	PT Rajawali Rimba Perkasa	Indonesia	Conformant	LR	N/A
101	Tin	CID003387	Luna Smelter, Ltd.	Rwanda	Conformant	HR, CC	N/A
102	Tin	CID003397	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA	Conformant	-	-
103	Tin	CID003449	PT Mitra Sukses Globalindo	Indonesia	Conformant	LR	N/A
104	Tin	CID003486	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	Brazil	Conformant	R/S	N/A
105	Tin	CID003524	CRM Synergies	Spain	Conformant	R/S	N/A
106	Tin	CID003582	Fabrica Auricchio Industria e Comercio Ltda.	Brazil	Conformant	LR	N/A
107	Tin	CID003831	DS Myanmar	Myanmar	Conformant	LR, HR, DRC	N/A
108	Tin	CID003868	PT Putera Sarana Shakti (PT PSS)	Indonesia	Conformant	LR	N/A
109	Tin	CID004065	Mining Minerals Resources SARL	DRC	Conformant	-	-
110	Tungsten	CID000004	A.L.M.T. Corp.	Japan	Conformant	See aggregated data below for TI-CMC Sourcing	R/S, LR, HR, DRC, CC, See aggregated data below for TI-CMC Sourcing
111	Tungsten	CID000105	Kennametal Huntsville	USA	Conformant	See aggregated data below for TI-CMC Sourcing	HR, CC, R/S
112	Tungsten	CID000218	Guangdong Xianglu Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
113	Tungsten	CID000258	Chongyi Zhangyuan Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	LR, See aggregated data below for TI-CMC Sourcing
114	Tungsten	CID000568	Global Tungsten & Powders LLC	USA	Conformant	CC, DRC; See aggregated data below for TI-CMC Sourcing	DRC, CC; Additionally, see aggregated data below for TI-CMC Sourcing
115	Tungsten	CID000766	Hunan Chenzhou Mining Co., Ltd.	China	Conformant	LR	N/A

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
116	Tungsten	CID000825	Japan New Metals Co., Ltd.	Japan	Conformant	See aggregated data below for TI-CMC Sourcing	LR, HR, CC, R/S and Mined; See aggregated data below for TI-CMC Sourcing
117	Tungsten	CID000966	Kennametal Fallon	USA	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
118	Tungsten	CID002044	Wolfram Bergbau und Hutten AG	Austria	Conformant	CC; R/S, See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
119	Tungsten	CID002082	Xiamen Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	LR, R/S, DRC, CC, HR
120	Tungsten	CID002315	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
121	Tungsten	CID002316	Jiangxi Yaosheng Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
122	Tungsten	CID002317	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
123	Tungsten	CID002318	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
124	Tungsten	CID002319	Malipo Haiyu Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
125	Tungsten	CID002320	Xiamen Tungsten (H.C.) Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	R/S; Additionally, see aggregated data below for TI-CMC Sourcing
126	Tungsten	CID002321	Jiangxi Gan Bei Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	LR; Additionally, see aggregated data below for TI-CMC Sourcing
127	Tungsten	CID002494	Ganzhou Seadragon W & Mo Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
128	Tungsten	CID002502	Asia Tungsten Products Vietnam Ltd.	Vietnam	Conformant	HR, DRC, CC, R/S	N/A
129	Tungsten	CID002513	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
130	Tungsten	CID002541	H.C. Starck Tungsten GmbH	Germany	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
131	Tungsten	CID002542	TANIOBIS Smelting GmbH & Co. KG	Germany	Conformant	LR	L1, LR, CC, HR, DRC, R/S and Mined (See aggregated data below for TI-CMC Sourcing)
132	Tungsten	CID002543	Masan High-Tech Materials	Vietnam	Conformant	DRC, CC; Additionally, see aggregated data below for TI-CMC Sourcing	R/S; Additionally, see aggregated data below for TI-CMC Sourcing
133	Tungsten	CID002551	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
134	Tungsten	CID002589	Niagara Refining LLC	USA	Conformant	See aggregated data below for TI-CMC Sourcing	R/S

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135	Tungsten	CID002641	China Molybdenum Tungsten Co., Ltd.	China	Conformant	LR	N/A
136	Tungsten	CID002645	Ganzhou Haichuang Tungsten Co., Ltd.	China	Conformant	LR	LR, R/S
137	Tungsten	CID002827	Philippine Chuangxin Industrial Co., Inc.	Philippines	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
138	Tungsten	CID003407	Lianyou Metals Co., Ltd.	Taiwan	Conformant	R/S	N/A
139	Tungsten	CID003417	Hubei Green Tungsten Co., Ltd.	China	Conformant	R/S	See aggregated data below for TI-CMC Sourcing
140	Tungsten	CID003468	Cronimet Brasil Ltda	Brazil	Conformant	LR	N/A
141	Tungsten	CID003609	Fujian Xinlu Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	LR, R/S and Mined (See aggregated data below for TI-CMC Sourcing)
142	Tungsten	CID003993	Tungsten Vietnam Joint Stock Company	Vietnam	Conformant	LR, R/S	N/A
143	Gold	CID000019	Aida Chemical Industries Co., Ltd.	Japan	Conformant	R/S	N/A
144	Gold	CID000035	Agosi AG	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
145	Gold	CID000041	Almalyk Mining and Metallurgical Complex (AMMC)	Uzbekistan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
146	Gold	CID000058	AngloGold Ashanti Corrego do Sitio Mineracao	Brazil	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
147	Gold	CID000077	Argor-Heraeus S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
148	Gold	CID000082	Asahi Pretec Corp.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
149	Gold	CID000090	Asaka Riken Co., Ltd.	Japan	Conformant	R/S	N/A
150	Gold	CID000113	Aurubis AG	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
151	Gold	CID000128	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Philippines	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
152	Gold	CID000157	Boliden Ronnskar	Sweden	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
153	Gold	CID000176	C. Hafner GmbH + Co. KG	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
154	Gold	CID000185	CCR Refinery - Glencore Canada Corporation	Canada	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
155	Gold	CID000233	Chimet S.p.A.	Italy	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
156	Gold	CID000264	Chugai Mining	Japan	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing

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157	Gold	CID000359	DSC (Do Sung Corporation)	Korea, Republic of	Conformant	R/S	N/A
158	Gold	CID000401	Dowa	Japan	Conformant	LR, HR, R/S	See aggregated data below for LBMA Good Delivery Sourcing
159	Gold	CID000425	Eco-System Recycling Co., Ltd. East Plant	Japan	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
160	Gold	CID000689	LT Metal Ltd.	Korea, Republic of	Conformant	LR, R/S	L1
161	Gold	CID000694	Heimerle + Meule GmbH	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
162	Gold	CID000707	Heraeus Metals Hong Kong Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
163	Gold	CID000711	Heraeus Germany GmbH Co. KG	Germany	Conformant	LR, R/S	N/A
164	Gold	CID000801	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
165	Gold	CID000807	Ishifuku Metal Industry Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
166	Gold	CID000814	Istanbul Gold Refinery	Turkey	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
167	Gold	CID000823	Japan Mint	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
168	Gold	CID000855	Jiangxi Copper Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
169	Gold	CID000920	Asahi Refining USA Inc.	USA	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
170	Gold	CID000924	Asahi Refining Canada Ltd.	Canada	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
171	Gold	CID000937	JX Nippon Mining & Metals Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
172	Gold	CID000957	Kazzinc	Kazakhstan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
173	Gold	CID000969	Kennecott Utah Copper LLC	USA	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
174	Gold	CID000981	Kojima Chemicals Co., Ltd.	Japan	Conformant	LR, R/S	LR, HR, R/S; Additionally, see aggregated data below for LBMA Good Delivery Sourcing
175	Gold	CID001078	LS MnM Inc.	Korea, Republic of	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A

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176	Gold	CID001113	Materion	USA	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
177	Gold	CID001119	Matsuda Sangyo Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
178	Gold	CID001147	Metalor Technologies (Suzhou) Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
179	Gold	CID001149	Metalor Technologies (Hong Kong) Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
180	Gold	CID001152	Metalor Technologies (Singapore) Pte., Ltd.	Singapore	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
181	Gold	CID001153	Metalor Technologies S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
182	Gold	CID001157	Metalor USA Refining Corporation	USA	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
183	Gold	CID001161	Metalurgica Met-Mex Penoles S.A. De C.V.	Mexico	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
184	Gold	CID001188	Mitsubishi Materials Corporation	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
185	Gold	CID001193	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
186	Gold	CID001220	Nadir Metal Rafineri San. Ve Tic. A.S.	Turkey	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
187	Gold	CID001236	Navoi Mining and Metallurgical Combinat	Uzbekistan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
188	Gold	CID001259	Nihon Material Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
189	Gold	CID001325	Ohura Precious Metal Industry Co., Ltd.	Japan	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
190	Gold	CID001352	MKS PAMP SA	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
191	Gold	CID001397	PT Aneka Tambang (Persero) Tbk	Indonesia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
192	Gold	CID001498	PX Precinox S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
193	Gold	CID001512	Rand Refinery (Pty) Ltd.	South Africa	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
194	Gold	CID001534	Royal Canadian Mint	Canada	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A



No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
195	Gold	CID001585	SEMPSA Joyeria Plateria S.A.	Spain	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
196	Gold	CID001622	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
197	Gold	CID001736	Sichuan Tianze Precious Metals Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
198	Gold	CID001761	Solar Applied Materials Technology Corp.	Taiwan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
199	Gold	CID001798	Sumitomo Metal Mining Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
200	Gold	CID001875	Tanaka Kikinzoku Kogyo K.K.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
201	Gold	CID001916	Shandong Gold Smelting Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
202	Gold	CID001938	Tokuriki Honten Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
203	Gold	CID001955	Torecom	Korea, Republic of	Conformant	LR, R/S	N/A
204	Gold	CID001980	Umicore S.A. Business Unit Precious Metals Refining	Belgium	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
205	Gold	CID001993	United Precious Metal Refining, Inc.	USA	Conformant	R/S	N/A
206	Gold	CID002003	Valcambi S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
207	Gold	CID002030	Western Australian Mint (T/a The Perth Mint)	Australia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
208	Gold	CID002100	Yamakin Co., Ltd.	Japan	Conformant	R/S	R/S; Additionally, see aggregated data below for LBMA Good Delivery Sourcing
209	Gold	CID002129	Yokohama Metal Co., Ltd.	Japan	Conformant	R/S	R/S, Additionally, see aggregated data below for LBMA Good Delivery Sourcing
210	Gold	CID002224	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
211	Gold	CID002243	Gold Refinery of Zijin Mining Group Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
212	Gold	CID002290	SAFINA A.S.	Czechia	Conformant	R/S, LR	L/R, R/S; Additionally, See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing
213	Gold	CID002459	Geib Refining Corporation	USA	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
214	Gold	CID002509	MMTC-PAMP India Pvt., Ltd.	India	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
215	Gold	CID002511	KGHM Polska Miedz Spolka Akcyjna	Poland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
216	Gold	CID002580	T.C.A S.p.A	Italy	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
217	Gold	CID002582	REMONDIS PMR B.V.	Netherland	Conformant	R/S	R/S; Additionally, see aggregated data below for LBMA Good Delivery Sourcing
218	Gold	CID002605	Korea Zinc Co., Ltd.	Korea, Republic of	Conformant	LR, R/S	N/A
219	Gold	CID002615	TOO Tau-Ken-Altyn	Kazakhstan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
220	Gold	CID002708	Abington Reldan Metals, LLC	USA	Conformant	R/S	N/A
221	Gold	CID002762	L'Orfebre S.A.	Andorra	Conformant	R/S, HR	N/A
222	Gold	CID002765	Italpreziosi	Italy	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
223	Gold	CID002778	WIELAND Edelmetalle GmbH	Germany	Conformant	R/S	LR, R/S; Additionally, see aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing
224	Gold	CID002779	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	Austria	Conformant	See aggregated data below for RJC Sourcing	N/A
225	Gold	CID002918	SungEel HiMetal Co., Ltd.	Korea, Republic of	Conformant	R/S	N/A
226	Gold	CID002919	Planta Recuperadora de Metales SpA	Chile	Conformant	LR	N/A
227	Gold	CID003189	NH Recytech Company	Korea, Republic of	Conformant	LR, R/S	N/A
228	Gold	CID003424	Eco-System Recycling Co., Ltd. North Plant	Japan	Conformant	R/S	N/A
229	Gold	CID003425	Eco-System Recycling Co., Ltd. West Plant	Japan	Conformant	R/S	N/A
230	Gold	CID003529	Sancus ZFS (L'Orfebre, SA)	Colombia	Conformant	HR	N/A
231	Gold	CID003575	Metal Concentrators SA (Pty) Ltd.	South Africa	Conformant	See aggregated data below for RJC Sourcing	N/A
232	Gold	CID003615	WEEEREFINING	France	Conformant	-	-
233	Gold	CID003641	Gold by Gold Colombia	Colombia	Conformant	HR, R/S	N/A

\* Dates marked with an asterisk represent smelters that are currently enrolled in the risk-based audit program and have not undergone an on-site audit for this compliance period. While these smelters have sent in their Line Item Summary and Declaration of Sourcing to show their full sourcing information, the information provided has not been validated by a third party auditor.

\*\*\* Dates marked with the asterisk represent smelters, which information was redacted to adhere to China data privacy regulation - intermediate suppliers verified during assessment on site.

※ Source: <http://www.responsiblemineralsinitiative.org/rcoi-data/>

## \* Data Key

L1	Level 1 countries are not identified as conflict regions or plausible areas of smuggling or export from the DRC and its nine adjoining countries.
L2	Level 2 countries are known or plausible countries for smuggling, export out of region or transit of materials containing tantalum, tin, tungsten or gold.
CC	Covered countries are the 9 countries adjoining the Democratic Republic of Congo.
DRC	The Democratic Republic of Congo
Low Risk (LR)	Countries identified by smelters and refiners as low-risk. Those marked with an ** have been disclosed by some smelters to be low-risk but disclosed by other smelters to be high-risk.
High Risk (HR)	Countries identified by smelters and refiners as Conflict-Affected and High-Risk (HR). Those marked with an ** have been disclosed by some smelters to be low-risk but disclosed by other smelters to be high-risk.
Recycled Scrap (R/S)	Secondary sources of material (non-mined) Gold only: Those followed by (HR) have been disclosed by refiners to be high-risk. Those followed with an ** have been disclosed by some refiners to be low-risk but disclosed by other refiners to be high-risk.

## Known Countries from which Conformant Gold Refiners Source

L1	
L2	
CC	
DRC	
Low Risk (LR)	Benin, Brazil**, Canada, Chile, Ghana**, Guinea**, Guyana, Papua New Guinea, Peru**, Philippines, South Africa, Korea, Republic of, Sweden, Uzbekistan
High Risk (HR)	Bolivia (Plurinational State of), Brazil**, Colombia, Ghana**, Guinea**, Nicaragua, Niger, Peru**, Tanzania, Zimbabwe
Recycled Scrap (R/S)	Andorra, Antigua and Barbuda, Australia, Austria, Bahamas, Barbados, Belgium, Bosnia and Herzegovina, Brazil**, Bulgaria, Canada, Cayman Islands**, Chile**, China**, Chinese Taipei, Colombia**, Costa Rica, Curacao, Czech Republic, Denmark, Dominican Republic**, Egypt, El Salvador (HR), France, Germany, Greece, Grenada, Guatemala (HR), Honduras (HR), Hong Kong**, Hungary, India**, Indonesia**, Ireland, Israel**, Italy (HR), Japan, Jordan, Kuwait, Lithuania, Luxembourg, Malaysia**, Mexico**, Netherlands, New Zealand, Oman, Panama**, Peru, Philippines**, Poland, Portugal, Puerto Rico (HR), Romania, Saint Kitts and Nevis, Serbia, Singapore**, Sint Maarten, Slovakia, Slovenia, South Africa, Korea, Republic of, Spain, St Vincent and Grenadines, Sweden, Switzerland, Thailand**, Trinidad and Tobago, Turkey (HR), Turks and Caicos, United Arab Emirates**, United Kingdom**, United States of America, Uruguay, Uzbekistan, Vietnam

## Known Countries from which LBMA Good Delivery List Refiners Source - Mined Material (Provided by LBMA)

All COI	Argentina, Australia, Azerbaijan, Bolivia (Plurinational State of), Botswana, Brazil, Burkina Faso, Cambodia, Canada, Chile, China, Colombia, Côte d'Ivoire, Dominican Republic, Ecuador, Egypt, Fiji, Finland, Georgia, Ghana, Guatemala, Guinea, Guyana, Honduras, Indonesia, Japan, Kazakhstan, Kenya, Korea, Republic of, Kyrgyzstan, Lao People's Democratic Republic, Liberia, Mali, Mauritania, Mexico, Mongolia, Morocco, Namibia, New Zealand, Nicaragua, Niger, Oman, Panama, Papua New Guinea, Peru, Philippines, Russia, Saudi Arabia, Senegal, Serbia, Sweden, South Africa, Spain, Sudan, Suriname, Turkey, United States of America, Uzbekistan
CC	Tanzania, Zambia
DRC	Congo, Democratic Republic of the

Known Countries from which LBMA Good Delivery List Refiners Source - Recycled Material (Provided by LBMA)

All COI	Algeria, Andorra, Argentina, Australia, Austria, Bangladesh, Belarus, Belgium, Bolivia (Plurinational State of), Bosnia and Herzegovina, Brazil, Bulgaria, Canada, Chile, China, Chinese Taipei, Colombia, Croatia, Cyprus, Czech Republic, Denmark, Ecuador, Egypt, Estonia, Finland, France, Georgia, Germany, Ghana, Greece, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Korea, Republic of, Kyrgyzstan, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Macao, Malaysia, Malta, Mauritius, Mexico, Monaco, Morocco, Namibia, Netherlands, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Portugal, Puerto Rico, Romania, Russia, Saudi Arabia, Serbia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Tajikistan, Thailand, Trinidad and Tobago, Tunisia, Turkey, Ukraine, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United States of America, Uruguay, Uzbekistan, Viet Nam
CC	Tanzania
DRC	Congo, Democratic Republic of the

Known Countries from which RJC Refiners Source - Mined Material (Provided by RJC)

All COI	Argentina, Azerbaijan, Brazil, Burkina Faso, Canada, Chile, Colombia, Ivory Coast (Côte d'Ivoire), Dominican Republic, Ecuador, Finland, Guinea, French Guiana, Guyana, Ghana, Lao People's Democratic Republic, Liberia, Mali, Malaysia, Mexico, Morocco, Mozambique, Nicaragua, Niger, Papua New Guinea, Panama, Peru, Philippines, Saudi Arabia, South Africa, Spain, Sudan, Suriname, United States of America
CC	Tanzania
DRC	

Known Countries from which Conformant Tantalum Smelters Source

Please refer to the Data Key above for descriptions of each RCOI designation.

L1	*Sample size too small to aggregate*
L2	
CC	Rwanda, Burundi
DRC	Congo, Democratic Republic of the
Low Risk (LR)	Australia, Brazil**, China, Ethiopia**, France, Madagascar, Mozambique, Nigeria**, Sierra Leone, Spain
High Risk (HR)	Brazil**, Burundi, Congo, Democratic Republic of the, Ethiopia**, Nigeria**, Rwanda
Recycled Scrap (R/S)	Belarus, Canada, China, Chinese Taipei, Czech Republic, El Salvador, Estonia, France, Germany, Hong Kong, India, Indonesia, Israel, Ireland, Japan, Mexico, Russia, Singapore, Korea, Republic of, Thailand, United Kingdom of Great Britain and Northern Ireland, United States of America

### Known Countries from which Conformant Tin Smelters Source

Please refer to the Data Key above for descriptions of each RCOI designation.

L1	Australia, Bolivia (Plurinational State of), Brazil, China, Colombia, Indonesia, Malaysia, Myanmar, Russia, United Kingdom of Great Britain and Northern Ireland, Venezuela
L2	
CC	Burundi, Rwanda, Tanzania
DRC	Congo, Democratic Republic of the
Low Risk (LR)	Australia, Bolivia**, Brazil**, China, Indonesia**, Laos, Malaysia, Myanmar**, Peru, Russia**, Spain, United Kingdom, Vietnam
High Risk (HR)	Bolivia**, Brazil**, Burundi, Congo, Democratic Republic of the, Indonesia**, Myanmar**, Nigeria, Rwanda, Tanzania, Thailand
Recycled Scrap (R/S)	Argentina, Australia, Austria, Bangladesh, Belarus, Belgium, Brazil, Bulgaria, Canada, Chile, China, Chinese Taipei, Cyprus, Czech Republic, Denmark, Egypt, Finland, France, Germany, Greece, Honduras, Hong Kong, Hungary, India, Indonesia, Ireland, Israel, Italy, Japan, Jordan, Latvia, Lithuania, Luxembourg, Malaysia, Malta, Mexico, Morocco, Netherlands, New Zealand, Nigeria, Pakistan, Peru, Philippines, Poland, Portugal, Puerto Rico, Romania, Russia, Saudi Arabia, Serbia, Singapore, Slovakia, Slovenia, South Africa, Korea, Republic of, Spain, Sweden, Switzerland, Thailand, Tunisia, Turkey, United Arab Emirates, United Kingdom, United States of America, Uruguay

### Known Countries from which Conformant Tungsten Industry-Conflict Minerals Council (TI-CMC) Smelters Source - Mined Material (Provided by TI-CMC)

Please refer to the Data Key above for descriptions of each RCOI designation.

All COI	Australia, Austria, Bolivia, Brazil, China, Kazakhstan, Kyrgyzstan, Malaysia, Mexico, Mongolia, Myanmar, Nigeria, Peru, Portugal, Russia, Spain, Thailand, United Kingdom of Great Britain and Northern Ireland, United States of America, Vietnam, Zimbabwe
CC	Burundi, Rwanda, Uganda, Tanzania
DRC	Congo, Democratic Republic of the

### Known Countries from which Conformant Tungsten Smelters Source

Please refer to the Data Key above for descriptions of each RCOI designation.

L1	
L2	
CC	Burundi, Rwanda, Tanzania
DRC	Congo, Democratic Republic of the
Low Risk (LR)	China, Brazil, Vietnam
High Risk (HR)	Rwanda, Congo, Democratic Republic of the, Myanmar
Recycled Scrap (R/S)	Brazil, China, Chinese Taipei, China, Germany, Ireland, Israel, Japan, Korea, Republic of, United States of America, Vietnam

## Cobalt (Co) Smelter List

No	ID	Smelter Name	Location	RMAP status
1	CID003209	Gem (Jiangsu) Cobalt Industry Co., Ltd.	China	Conformant
2	CID003210	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	China	Conformant
3	CID003211	Zhuhai Kelixin Metal Materials Co., Ltd.	China	Conformant
4	CID003212	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	China	Conformant
5	CID003213	Guangxi Yinyi Advanced Material Co., Ltd.	China	Conformant
6	CID003215	Tianjin Maolian Science & Technology Co., Ltd.	China	Conformant
7	CID003225	Zhejiang Huayou Cobalt Company Limited	China	Conformant
8	CID003226	Umicore Finland Oy	Finland	Conformant
9	CID003228	Umicore Olen	Belgium	Conformant
10	CID003232	Dynatec Madagascar Company	Madagascar	Conformant
11	CID003239	Port Colborne Refinery	Canada	Conformant
12	CID003255	Quzhou Huayou Cobalt New Material Co., Ltd.	China	Conformant
13	CID003261	Kamoto Copper Company	Congo, Democratic Republic of the	Conformant
14	CID003264	Chemaf Etoile	Congo, Democratic Republic of the	Conformant
15	CID003266	Societe pour le Traitment du Terril de Lubumbashi (STL)	Congo, Democratic Republic of the	Conformant
16	CID003275	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	Congo, Democratic Republic of the	Conformant
17	CID003278	Niihama Nickel Refinery, Sumitomo Metal Mining	Japan	Conformant
18	CID003279	Mine de Bou-Azzer	Morocco	Conformant
19	CID003280	Compagnie de Tifnout Tiranimine	Morocco	Conformant
20	CID003291	Guangdong Jiana Energy Technology Co., Ltd.	China	Conformant
21	CID003293	Jiangsu Xiongfeng Technology Co., Ltd.	China	Conformant
22	CID003338	SungEel HiTech Co., Ltd.	Korea, Republic of	Conformant
23	CID003377	Jiangxi Jiangwu Cobalt industrial Co., Ltd.	China	Conformant
24	CID003378	Jingmen GEM Co., Ltd.	China	Conformant
25	CID003384	Ganzhou Highpower Technology Co., Ltd.	China	Conformant
26	CID003390	NORILSK NICKEL HARJAVALTA OY	Finland	Conformant
27	CID003398	Zhejiang New Era Zhongneng Technology Co., Ltd.	China	Conformant
28	CID003404	Hunan Yacheng New Materials Co., Ltd.	China	Conformant
29	CID003406	Murrin Murrin Nickel Cobalt Plant	Australia	Conformant
30	CID003411	Hunan CNGR New Energy Science & Technology Co., Ltd.	China	Conformant
31	CID003415	Cosmo Chemical, Ltd.	Korea, Republic of	Conformant
32	CID003426	SOCIETE MINIERE DU KATANGA (SOMIKA SARL)	Congo, Democratic Republic of the	Conformant
33	CID003465	Ningbo Hubang New Material Co., Ltd.	China	Conformant
34	CID003472	Jervois Finland OY	Finland	Conformant
35	CID003473	CoreMax Corporation	Taiwan	Conformant
36	CID003481	Chizhou CN New Materials and Technology Co., Ltd.	China	Conformant
37	CID003526	Zhejiang Greatpower Cobalt Materials Co., Ltd.	China	Conformant
38	CID003534	Mechema Taiwan Plant 2	Taiwan	Conformant
39	CID003577	Harima Refinery, Sumitomo Metal Mining	Japan	Conformant
40	CID003610	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	China	Conformant
41	CID003927	Anhui Hanrui New Material Co., Ltd.	China	Conformant
42	CID004003	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	China	Conformant

## Mica Operator List

No	ID	Operator Name	Location	RMAP status
1	CID004001	DARUKA MINCHEM PVT.LTD	India	-
2	CID003512	Yamaguchi Mica	Japan	-
3	CID003971	Yamaguchi Mica Co., Ltd. Shinshiro Factory	Japan	-
4	CID003970	Yamaguchi Mica Co., Ltd. Toyohashi Factory	Japan	-
5	CID003652	Ruby Mica	India	-
6	CID003625	SIDDHI EXIMP ENTERPRISES	India	-
7	CID003592	Arctic Minerals, LLC	USA	-
8	CID003621	DARUKA INTERNATIONAL	India	-
9	CID003626	DARUKA MINERALS	India	-
10	CID003623	G. K. INTERNATIONAL	India	-
11	CID003979	HEBEI LINGSHOU COUNTY ZHONGKE MINERAL POWDER CO., LTD.	China	-
12	CID003980	Hunan Rongtai New Material Co., Ltd.	China	-
13	CID003589	Imerys Canada, Inc.	Canada	-
14	CID003591	Imerys Mica Kings Mountain, Inc.	USA	-
15	CID003664	JSC "Sludyanaya Fabrika"	Russia	-
16	CID003624	LAXIM MINERALS CORPORATION	India	-
17	CID003730	Lingshou Huajing Mica Co., Ltd.	China	-
18	CID003987	Mica Electrical Material (Luhe) Co., Ltd.	China	-
19	CID003985	Minerals i Derivats, S.A.	Spain	-
20	CID003513	Modi Mica Enterprises	India	-
21	CID003787	Nanjing Jinyun Mica Ltd.	China	-
22	CID003599	Pachisia & Co.	India	-
23	CID003590	Southeastern Performance Minerals, LLC	USA	-
24	CID003629	SUBLIME MICA EXPORTS	India	-
25	CID004067	The Jai Mica Supply Co., PVT Ltd.	India	-
26	CID003593	VON ROLL BRAZIL LTDA	Brazil	-

\* Source: RMI Database Export 2024-02-14

## Lithium (Li) Smelter List

No	ID	Smelter Name	Location	RMAP status
1	CID003745	POSCO	Korea, Republic of	-
2	CID003826	FMC	-	-
3	CID003708	Salar del Carmen	Chile	-
4	CID003714	Jiangxi Ganfeng Lithium Co., Ltd.	China	-
5	CID003715	Ningdu Ganfeng Lithium Co., Ltd.	China	Active
6	CID003720	Tianqi Lithium (Shehong) Co., Ltd.	China	-
7	CID004038	Yibin Tianyi Lithium Technology Innovation Co., Ltd.	China	Conformant
8	CID004013	Jingmen GEM Co., Ltd.	China	-

## Copper (Cu) Smelter List

No	ID	Smelter Name	Location	RMAP status
1	CID004394	Kamoto Copper Company	Congo	Conformant
2	CID003795	Tenke Fungurume Mining SA	Congo, Democratic Republic of the	Conformant
3	CID003829	Minera Escondida Limitada	Chile	-
4	CID003900	Northparkes Mine	Australia	-
5	CID003901	Ojos del Salado Copper Mine	Chile	-
6	CID003902	Candelaria Mine	Chile	-
7	CID003995	JX Nippon Mining & Metals Co., Ltd.	Japan	-
8	CID004074	Mutanda Mining SPRL	Congo, Democratic Republic of the	Conformant
9	CID004094	Antucoya	Chile	-
10	CID004101	Chuquicamata Refinery	Chile	-
11	CID004115	Gabriela Mistral (Gaby)	Chile	-
12	CID004128	Radomiro Tomic	Chile	-
13	CID004260	Onsan Refinery I	Korea, Republic of	-
14	CID004261	Onsan Refinery II	Korea, Republic of	-
15	CID004466	Compania Minera Zaldivar SpA	Chile	-
16	CID004162	Jiangxi Copper Qingyuan	China	-
17	CID004220	Aurubis Hamburg	Germany	-
18	CID004304	Isabel/ Leyte (PASAR)	Philippines	-
19	CID003794	KCC	Congo, Democratic Republic of the	-
20	CID003812	Young Poong Seokpo Smelter	Korea, Republic of	-
21	CID003941	Guangdong Fangyuan Environment Co., Ltd.	China	-
22	CID004482	Nexans LENS Plant	France	-
23	CID003668	Fujhara Refinery	U.A.E	-
24	CID003774	Apex Material Technologies	USA	-
25	CID003996	JX Nippon Mining & Metals Co., Ltd. Hitachi	Japan	-
26	CID003878	Toyo Smelter & Refinery, Sumitomo Metal Mining	Japan	Conformant
27	CID004058	Eti Bakir A.S	Turkey	Conformant
28	CID003887	Mitsui Sumitomo Metal Mining Brass & Copper Co., Ltd.	Japan	-
29	CID003898	Jinlong Copper	China	-
30	CID004112	Escondida	Chile	-
31	CID004120	Los Bronces	Chile	-
32	CID004156	Jinchang (Tongling II)	China	-
33	CID004157	Jinchuan	China	-
34	CID004184	Yuguang	China	-
35	CID004186	Yunnan Copper	China	-
36	CID004195	Etoile	Congo, Democratic Republic of the	-
37	CID004247	Naoshima	Japan	-
38	CID004248	Onahama	Japan	-
39	CID004288	Glencore Nikkelverk	Norway	-
40	CID004429	Mount Isa Mines Limited - Copper Refineries Pty Ltd (Glencore)	Austria	-
41	CID004468	Aurubis AG, Luene	Germany	-
42	CID004153	Huludao	China	-
43	CID004087	CCR Refinery - Glencore Canada Corporation	Canada	-
44	CID004142	Changzhou Copper	China	-
45	CID004249	Saganoseki	Japan	-
46	CID004490	Codelco Division Ministro Hales	Chile	-



No	ID	Smelter Name	Location	RMAP status
47	CID004147	Daye Non-Ferrous Metals Co.	China	-
48	CID004172	Shandong Jinsheng	China	-
49	CID004180	Xiangguang copper	China	-
50	CID004188	Zhangjiagang	China	-
51	CID004228	Vedanta	India	-
52	CID004163	Jintian	China	-
53	CID004245	Hitachi	Japan	-
54	CID004428	Vale Copper Cliff Nickel Refinery	Canada	-
55	CID004259	Korea Zinc	Korea, Republic of	-
56	CID003921	Jiangmen Fangyuan Cycle Technology Co., Ltd.	China	-
57	CID004071	Olympic Dam	Austria	-
58	CID004190	Zhongtiaoshan (Yuanqu)	China	-
59	CID004229	Antam	Indonesia	-
60	CID004009	Copper Plant Polar Division of MMC Norilsk Nickel	RUSSIA	-
61	CID003931	MCC Non Ferrous Trading Inc.	USA	-
62	CID004427	Vale Long Harbour Processing Plant (LHPP)	Canada	-
63	CID003742	TSK Pretech	Unknown	-
64	CID003916	Ganzhou Hanrui	China	-
65	CID004168	Qinghai copper	China	-
66	CID003722	Katanga Mining	Congo, Democratic Republic of the	-
67	CID003747	Samsun Smelter and Electrolysis Plant	Turkey	-
68	CID003748	Kure Plant	Turkey	-
69	CID003749	Murgul Plant	Turkey	-
70	CID004192	Zijinshan	China	-
71	CID004487	Codelco Division Andina	Chile	-
72	CID004118	Las Ventanas	Chile	-
73	CID004250	Tamano	Japan	-
74	CID004328	First Quantum Minerals Ltd	Spain	-
75	CID003903	Sierra Gorda Mine	Chile	-
76	CID003805	Societe pour le Traitment du Terril de Lubumbashi (STL)	Congo, Democratic Republic of the	Conformant
77	CID003948	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	Congo, Democratic Republic of the	Conformant
78	CID004106	El Abra	Chile	-
79	CID004460	Sociedad Minera Cerro Verde S.A.A.	Peru	-
80	CID004467	Compania Minera Condestable S.A (CMC)	Peru	-
81	CID004146	Tianjin Datong Copper Industry Co., Ltd.	China	-
82	CID004224	Birla Group (Hidalco)	India	-
83	CID004078	Metallo (Aurubis)	Belgium	-
84	CID003872	Kisanfu Mining (Kimin)	Congo, Democratic Republic of the	Conformant
85	CID004300	Mina Justa	Peru	-
86	CID004303	Toquepala	Peru	-
87	CID004187	Yunan Tin	China	-
88	CID004091	Vale Inco Ltd.	Canada	-
89	CID003796	CDM	Congo, Democratic Republic of the	-
90	CID003797	Somika	Congo, Democratic Republic of the	-

## Nickel (Ni) Smelter List

No	ID	Smelter Name	Location	RMAP status
1	CID004055	Niihama Nickel Refinery, Sumitomo Metal Mining	Japan	Conformant
2	CID003928	Murrin Murrin Nickel Cobalt Plant	Australia	Conformant
3	CID003958	Joint-Stock Company Kola Mining and Metallurgical Company (JSC Kola MMC)	Russia	-
4	CID003968	Dynatec Madagascar Company	Madagascar	Conformant
5	CID004007	PT Aneka Tambang Tbk (Antam)	Indonesia	-
6	CID004008	NORILSK NICKEL HARJAVALTA OY	Finland	Active
7	CID003923	Jiangmen Fangyuan Cycle Technology Co., Ltd.	China	-
8	CID003976	Jinchuan Group Co., Ltd.	China	-
9	CID003703	Eramet SLN	New Caledonia	-
10	CID003775	Apex Material Technologies	USA	-
11	CID004398	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	China	Conformant
12	CID004618	IconiChem	United Kingdom	Active
13	CID003753	Atlantic Nickel Santa Rita	Brazil	-
14	CID003882	Harima Refinery	Japan	Conformant
15	CID003957	Cronimet Specialty Metals	USA	-
16	CID004024	Zhejiang Power New Energy Materials Co., Ltd.	China	-
17	CID004521	Umicore Belgium	Belgium	-
18	CID004528	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	China	-
19	CID003771	JIANGMEN UMICORE CHANG XIN NEW MATERIALS CO., LTD,	China	-
20	CID003943	Guangdong Fangyuan Environment Co., Ltd.	China	Active
21	CID004447	Broken Hill Proprietary Billiton Ltd. (BHP)	Australia	-
22	CID003897	Sumiko Energy Materials Co., Ltd.	Japan	-
23	CID004005	PT Smelter Nickel Indonesia	Indonesia	-
24	CID004444	Nickel West - Kwinana	Australia	-
25	CID004449	Fort Saskatchewan	Canada	-
26	CID004682	PT DEBONAIR NICKEL INDONESIA	Indonesia	-
27	CID004531	Xinxiang Jien New Energy Materials Co., Ltd.	China	-
28	CID003947	Baotou Jielang Nickel Salt Co., Ltd.	China	-
29	CID003707	Angel Nickel	Indonesia	-
30	CID004612	Impala Rustenburg	South Africa	Active

## Aluminium (Al) Smelter List

No	ID	Smelter Name	Location	RMAP status
1	CID003684	Shanghai Zhiye Industry Co., Ltd.	China	-
2	CID003669	Fujhara Refinery	U.A.E	-
3	CID003905	Capral Aluminium (Smithfield)	Australia	-
4	CID003904	Capral Aluminium (Penrith)	Australia	-
5	CID004699	Attero Recycling Pvt Ltd	India	-
6	CID004628	Allied Metal Co	USA	-
7	CID004629	Aluminerie Alouette Inc.	Canada	-
8	CID004630	Aluminio La Estrella, S.L.U.	Spain	-
9	CID004633	Alusigma S.A.	Spain	-
10	CID004635	Audubon Metals LLC	USA	-
11	CID004636	Befesa Aluminio, S.L. (Erandio)	Spain	-
12	CID004637	Befesa Aluminio, S.L. (Les Franqueses)	Spain	-
13	CID004638	Bermco Aluminum	USA	-
14	CID004639	Century Aluminium Company (Grundartangi)	Iceland	-
15	CID004640	Charng Chyi Aluminum Co., Ltd.	Taiwan	-
16	CID004643	Custom Alloy Light Metals, Inc.	USA	-
17	CID004646	JBM International Ltd	United Kingdom	-
18	CID004654	PT Indonesia Asahan Aluminium (Persero)	Indonesia	-
19	CID004655	Real Alloy LLC (REAL ALLOY (GERMANY) GBMH)	Germany	-
20	CID004656	Real Alloy LLC (REAL ALLOY MEXICO S. DE R.L. DE C.V.)	Mexico	-
21	CID004657	Real Alloy LLC (REAL ALLOY CANADA LTD.)	Canada	-
22	CID004658	Real Alloy LLC (REAL ALLOY SPECIFICATION, LLC)	USA	-
23	CID004666	Spectro Alloys Corp.	USA	-
24	CID004667	Spectro Alloys Corp. (STENA ALUMINIUM AB)	Sweden	-
25	CID004668	Spectro Alloys Corp. (STATE METAL INDUSTRIES INC.)	Sweden	-
26	CID004680	Ye Chiu Metal Smelting Sdn. Bhd. (YE CHIU METAL RECYCLING (CHINA) LTD.)	China	-
27	CID004665	Sigma Brothers Inc.	Taiwan	-

## Silver (Ag) Smelter List

No	ID	Smelter Name	Location	RMAP status
1	CID003814	Young Poong Seokpo Smelter	Korea, Republic of	-
2	CID004020	Empresa Minera Manquiri S.A.	Bolivia	Conformant
3	CID003810	Hindustan Platinum Pvt. Ltd.	India	-
4	CID003880	Toyo Smelter & Refinery	Japan	-
5	CID003999	JX Nippon Mining & Metals Co., Ltd.	Japan	-
6	CID004700	Attero Recycling Pvt Ltd	India	-
7	CID003893	Ohkuchi Electronics Co., Ltd.	Japan	-
8	CID004586	Boliden Ronnskar	Sweden	-
9	CID004605	Impala Refineries Base Metals Refinery (BMR)	South Africa	Active
10	CID004611	Impala Rustenburg	South Africa	Active

\* Source: RMI Database Export 2024-02-14