

Smelter and Refiner List in Samsung Electronics' supply chain(as of 2022)

3TG Smelter and Refiner List

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
1	Gold	CID000015	Advanced Chemical Company	USA	Conformant	LR, R/S	N/A
2	Gold	CID000019	Aida Chemical Industries Co., Ltd.	Japan	Conformant	R/S	N/A
3	Gold	CID000035	Agosi AG	Germany	Conformant	See aggregated data below for RJC Sourcing	N/A
4	Gold	CID000041	Almalyk Mining and Metallurgical Complex (AMMC)	Uzbekistan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
5	Gold	CID000058	AngloGold Ashanti Corrego do Sitio Mineracao	Brazil	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
6	Gold	CID000077	Argor-Heraeus S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
7	Gold	CID000082	Asahi Pretec Corp.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
8	Gold	CID000090	Asaka Riken Co., Ltd.	Japan	Conformant	R/S	N/A
9	Gold	CID000113	Aurubis AG	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
10	Gold	CID000128	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Philippines	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
11	Gold	CID000157	Boliden AB	Sweden	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
12	Gold	CID000176	C. Hafner GmbH + Co. KG	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
13	Gold	CID000185	CCR Refinery - Glencore Canada Corporation	Canada	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
14	Gold	CID000189	Cendres + Metaux S.A.	Switzerland	Conformant	-	-
15	Gold	CID000233	Chimet S.p.A.	Italy	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
16	Gold	CID000264	Chugai Mining	Japan	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
17	Gold	CID000359	DSC (Do Sung Corporation)	Korea, Republic of	Conformant	R/S	N/A
18	Gold	CID000362	DODUCO Contacts and Refining GmbH	Germany	Conformant	-	-
19	Gold	CID000401	Dowa	Japan	Conformant	LR, HR, R/S	See aggregated data below for LBMA Good Delivery Sourcing
20	Gold	CID000425	Eco-System Recycling Co., Ltd. East Plant	Japan	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
21	Gold	CID000689	LT Metal Ltd.	Korea, Republic of	Conformant	LR, R/S	L1
22	Gold	CID000694	Heimerle + Meule GmbH	Germany	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
23	Gold	CID000707	Heraeus Metals Hong Kong Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
24	Gold	CID000711	Heraeus Germany GmbH Co. KG	Germany	Conformant	LR, R/S	See aggregated data below for LBMA Good Delivery Sourcing
25	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
26	Gold	CID000807	Ishifuku Metal Industry Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
27	Gold	CID000814	Istanbul Gold Refinery	Turkey	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
28	Gold	CID000823	Japan Mint	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
29	Gold	CID000855	Jiangxi Copper Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
30	Gold	CID000920	Asahi Refining USA Inc.	USA	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
31	Gold	CID000924	Asahi Refining Canada Ltd.	Canada	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
32	Gold	CID000937	JX Nippon Mining & Metals Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
33	Gold	CID000957	Kazzinc	Kazakhstan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
34	Gold	CID000969	Kennecott Utah Copper LLC	USA	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
35	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
36	Gold	CID001078	LS-NIKKO Copper Inc.	Korea, Republic of	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
37	Gold	CID001113	Materion	USA	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
38	Gold	CID001119	Matsuda Sangyo Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
39	Gold	CID001147	Metalor Technologies (Suzhou) Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
40	Gold	CID001149	Metalor Technologies (Hong Kong) Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
41	Gold	CID001152	Metalor Technologies (Singapore) Pte., Ltd.	Singapore	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
42	Gold	CID001153	Metalor Technologies S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
43	Gold	CID001157	Metalor USA Refining Corporation	USA	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
44	Gold	CID001161	Metalurgica Met-Mex Penoles S.A. De C.V.	Mexico	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
45	Gold	CID001188	Mitsubishi Materials Corporation	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
46	Gold	CID001193	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
47	Gold	CID001220	Nadir Metal Rafineri San. Ve Tic. A.S.	Turkey	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
48	Gold	CID001236	Navoi Mining and Metallurgical Combinat	Uzbekistan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
49	Gold	CID001259	Nihon Material Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
50	Gold	CID001325	Ohura Precious Metal Industry Co., Ltd.	Japan	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
51	Gold	CID001352	MKS PAMP SA	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
52	Gold	CID001397	PT Aneka Tambang (Persero) Tbk	Indonesia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
53	Gold	CID001498	PX Precinox S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
54	Gold	CID001512	Rand Refinery (Pty) Ltd.	South Africa	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
55	Gold	CID001534	Royal Canadian Mint	Canada	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
56	Gold	CID001555	Samduck Precious Metals	Korea, Republic of	Conformant	LR, R/S	N/A
57	Gold	CID001585	SEMPA Joyeria Plateria S.A.	Spain	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
58	Gold	CID001622	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
59	Gold	CID001736	Sichuan Tianze Precious Metals Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
60	Gold	CID001761	Solar Applied Materials Technology Corp.	Taiwan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
61	Gold	CID001798	Sumitomo Metal Mining Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
62	Gold	CID001875	Tanaka Kikinzoku Kogyo K.K.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
63	Gold	CID001916	Shandong Gold Smelting Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
64	Gold	CID001938	Tokuriki Honten Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
65	Gold	CID001955	Torecom	Korea, Republic of	Conformant	LR, R/S	N/A
66	Gold	CID001980	Umicore S.A. Business Unit Precious Metals Refining	Belgium	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
67	Gold	CID001993	United Precious Metal Refining, Inc.	USA	Conformant	LR, R/S	N/A

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
68	Gold	CID002003	Valcambi S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
69	Gold	CID002030	Western Australian Mint (T/a The Perth Mint)	Australia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
70	Gold	CID002100	Yamakin Co., Ltd.	Japan	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
71	Gold	CID002129	Yokohama Metal Co., Ltd.	Japan	Conformant	R/S	N/A
72	Gold	CID002224	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
73	Gold	CID002243	Gold Refinery of Zijin Mining Group Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
74	Gold	CID002290	SAFINA A.S.	Czechia	Conformant	R/S	N/A
75	Gold	CID002314	Umicore Precious Metals Thailand	Thailand	Conformant	See aggregated data below for RJC Sourcing	N/A
76	Gold	CID002459	Geib Refining Corporation	USA	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
77	Gold	CID002509	MMTC-PAMP India Pvt., Ltd.	India	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
78	Gold	CID002511	KGHM Polska Miedz Spolka Akcyjna	Poland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
79	Gold	CID002516	Singway Technology Co., Ltd.	Taiwan	Conformant	-	-
80	Gold	CID002560	Al Etihad Gold Refinery DMCC	UAE	Conformant	HR, R/S	N/A
81	Gold	CID002561	Emirates Gold DMCC	UAE	Conformant	LR, HR, CC, R/S	N/A
82	Gold	CID002580	T.C.A S.p.A	Italy	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
83	Gold	CID002582	REMONDIS PMR B.V.	Netherland	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
84	Gold	CID002605	Korea Zinc Co., Ltd.	Korea, Republic of	Conformant	LR, R/S	N/A
85	Gold	CID002615	TOO Tau-Ken-Altyn	Kazakhstan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
86	Gold	CID002761	SAAMP	France	Conformant	See aggregated data below for RJC Sourcing	N/A
87	Gold	CID002762	L'Orfebre S.A.	Andorra	Conformant	R/S, HR	N/A
88	Gold	CID002763	8853 S.p.A.	Italy	Conformant	-	-
89	Gold	CID002765	Italpreziosi	Italy	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
90	Gold	CID002778	WIELAND Edelmetalle GmbH	Germany	Conformant	See aggregated data below for RJC Sourcing	N/A
91	Gold	CID002779	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	Austria	Conformant	See aggregated data below for RJC Sourcing	N/A
92	Gold	CID002863	Bangalore Refinery	India	Conformant	LR, R/S	N/A
93	Gold	CID002918	SungEel HiMetal Co., Ltd.	Korea, Republic of	Conformant	R/S	N/A
94	Gold	CID002919	Planta Recuperadora de Metales SpA	Chile	Conformant	LR	N/A
95	Gold	CID002973	Safimet S.p.A	Italy	Conformant	-	-
96	Gold	CID003189	NH Recytech Company	Korea, Republic of	Conformant	LR, R/S	N/A

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
97	Gold	CID003424	Eco-System Recycling Co., Ltd. North Plant	Japan	Conformant	R/S	N/A
98	Gold	CID003425	Eco-System Recycling Co., Ltd. West Plant	Japan	Conformant	R/S	N/A
99	Gold	CID003575	Metal Concentrators SA (Pty) Ltd.	South Africa	Conformant	See aggregated data below for RJC Sourcing	N/A
100	Tantalum	CID000211	Changsha South Tantalum Niobium Co., Ltd.	China	Conformant	LR, R/S	LR, HR, DRC, CC
101	Tantalum	CID000291	Guangdong Rising Rare Metals-EO Materials Ltd.	China	Conformant	-	-
102	Tantalum	CID000460	F&X Electro-Materials Ltd.	China	Conformant	LR, HR, CC	LR, CC, DRC, HR
103	Tantalum	CID000616	XIMEI RESOURCES (GUANGDONG) LIMITED	China	Conformant	LR, HR, CC, DRC	N/A
104	Tantalum	CID000914	Jiujiang JinXin Nonferrous Metals Co., Ltd.	China	Conformant	LR, HR, DRC, CC	L1
105	Tantalum	CID000917	Jiujiang Tanbre Co., Ltd.	China	Conformant	DRC, HR, R/S, LR, CC	LR, HR, CC, DRC
106	Tantalum	CID001076	AMG Brasil	Brazil	Conformant	LR	N/A
107	Tantalum	CID001163	Metallurgical Products India Pvt., Ltd.	India	Conformant	LR, R/S	L1
108	Tantalum	CID001175	Mineracao Taboca S.A.	Brazil	Conformant	L1	N/A
109	Tantalum	CID001192	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	HR, CC, R/S	L1
110	Tantalum	CID001200	NPM Silmet AS	Estonia	Conformant	R/S, LR	L1
111	Tantalum	CID001277	Ningxia Orient Tantalum Industry Co., Ltd.	China	Conformant	LR, HR, DRC, CC	HR, LR, DRC, CC, R/S
112	Tantalum	CID001508	QuantumClean	USA	Conformant	R/S	N/A
113	Tantalum	CID001522	Yanling Jincheng Tantalum & Niobium Co., Ltd.	China	Conformant	LR	L1, LR, HR, CC, DRC, R/S
114	Tantalum	CID001869	Taki Chemical Co., Ltd.	Japan	Conformant	R/S	N/A
115	Tantalum	CID001891	Telex Metals	USA	Conformant	LR, R/S	LR, HR, DRC, CC, R/S
116	Tantalum	CID001969	Ulba Metallurgical Plant JSC	Kazakhstan	Conformant	LR, HR, CC, DRC, R/S	LR
117	Tantalum	CID002492	Hengyang King Xing Lifeng New Materials Co., Ltd.	China	Conformant	LR, HR	N/A
118	Tantalum	CID002504	D Block Metals, LLC	USA	Conformant	R/S, LR	LR, CC, DRC, R/S, HR
119	Tantalum	CID002505	FIR Metals & Resource Ltd.	China	Conformant	LR, HR, DRC, R/S	LR, R/S, HR, CC, DRC
120	Tantalum	CID002506	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	China	Conformant	LR	N/A
121	Tantalum	CID002508	XinXing HaoRong Electronic Material Co., Ltd.	China	Conformant	HR	L1
122	Tantalum	CID002512	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	China	Conformant	LR	LR, HR, DRC, R/S
123	Tantalum	CID002539	KEMET de Mexico	Mexico	Conformant	LR, R/S	LR, CC, DRC, HR, R/S
124	Tantalum	CID002544	TANIOBIS Co., Ltd.	Thailand	Conformant	LR, CC, DRC, HR, R/S	LR, HR, CC, DRC, R/S
125	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)
126	Tantalum	CID002547	H.C. Starck Hermsdorf GmbH	Germany	Conformant	R/S	R/S, LR
127	Tantalum	CID002548	H.C. Starck Inc.	USA	Conformant	LR, R/S	LR, HR, CC, DRC, R/S
128	Tantalum	CID002549	TANIOBIS Japan Co., Ltd.	Japan	Conformant	LR	LR, CC, HR, DRC, R/S
129	Tantalum	CID002550	TANIOBIS Smelting GmbH & Co. KG	Germany	Conformant	LR, R/S	LR, CC, DRC, HR, R/S
130	Tantalum	CID002557	Global Advanced Metals Boyertown	USA	Conformant	DRC, CC, HR, LR, R/S	LR, CC, HR, R/S
131	Tantalum	CID002558	Global Advanced Metals Aizu	Japan	Conformant	R/S, LR	DRC, CC, HR, LR, R/S
132	Tantalum	CID002707	Resind Industria e Comercio Ltda.	Brazil	Conformant	LR	LR
133	Tantalum	CID002842	Jiangxi Tuohong New Raw Material	China	Conformant	LR	N/A

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
134	Tantalum	CID002847	Meta Materials	Macedonia	Conformant	-	-
135	Tantalum	CID003583	RFH Yancheng Jinye New Material Technology Co., Ltd.	China	Conformant	LR	N/A
136	Tin	CID000228	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	China	Conformant	LR, R/S	N/A
137	Tin	CID000292	Alpha	USA	Conformant	LR, R/S	L1, LR, CC, DRC, HR, R/S
138	Tin	CID000402	Dowa	Japan	Conformant	R/S	N/A
139	Tin	CID000438	EM Vinto	Bolivia	Conformant	LR	N/A
140	Tin	CID000448	Estanho de Rondonia S.A.	Brazil	Conformant	LR	N/A
141	Tin	CID000468	Fenix Metals	Poland	Conformant	LR, R/S	N/A
142	Tin	CID000538	Gejiu Non-Ferrous Metal Processing Co., Ltd.	China	Conformant	L1	N/A
143	Tin	CID000555	Gejiu Zili Mining And Metallurgy Co., Ltd.	China	Conformant	-	-
144	Tin	CID001070	China Tin Group Co., Ltd.	China	Conformant	LR, R/S	LR
145	Tin	CID001105	Malaysia Smelting Corporation (MSC)	Malaysia	Conformant	L1, HR, CC, DRC, R/S	L1, R/S
146	Tin	CID001142	Metallic Resources, Inc.	USA	Conformant	LR, R/S	LR, R/S
147	Tin	CID001173	Mineracao Taboca S.A.	Brazil	Conformant	L1	N/A
148	Tin	CID001182	Minsur	Perú	Conformant	LR	N/A
149	Tin	CID001191	Mitsubishi Materials Corporation	Japan	Conformant	R/S	N/A
150	Tin	CID001231	Jiangxi New Nanshan Technology Ltd.	China	Conformant	LR, R/S	L1
151	Tin	CID001314	O.M. Manufacturing (Thailand) Co., Ltd.	Thailand	Conformant	R/S	N/A
152	Tin	CID001337	Operaciones Metalurgicas S.A.	Bolivia	Conformant	LR	N/A
153	Tin	CID001399	PT Artha Cipta Langgeng	Indonesia	Conformant	LR	N/A
154	Tin	CID001402	PT Babel Inti Perkasa	Indonesia	Conformant	LR	N/A
155	Tin	CID001406	PT Babel Surya Alam Lestari	Indonesia	Conformant	LR	N/A
156	Tin	CID001428	PT Bukit Timah	Indonesia	Conformant	LR	N/A
157	Tin	CID001453	PT Mitra Stania Prima	Indonesia	Conformant	LR	N/A
158	Tin	CID001458	PT Prima Timah Utama	Indonesia	Conformant	LR	N/A
159	Tin	CID001460	PT Refined Bangka Tin	Indonesia	Conformant	LR	N/A
160	Tin	CID001463	PT Sariwiguna Binasentosa	Indonesia	Conformant	LR	N/A
161	Tin	CID001468	PT Stanindo Inti Perkasa	Indonesia	Conformant	LR	N/A
162	Tin	CID001477	PT Timah Tbk Kundur	Indonesia	Conformant	LR	N/A
163	Tin	CID001482	PT Timah Tbk Mentok	Indonesia	Conformant	LR	N/A
164	Tin	CID001490	PT Tinindo Inter Nusa	Indonesia	Conformant	L1	N/A
165	Tin	CID001539	Rui Da Hung	Taiwan	Conformant	L1, R/S	L1
166	Tin	CID001758	Soft Metais Ltda.	Brazil	Conformant	-	-
167	Tin	CID001898	Thaisarco	Thailand	Conformant	LR, CC, HR, DRC, R/S	L1, LR, HR, CC, DRC, R/S
168	Tin	CID002036	White Solder Metalurgia e Mineracao Ltda.	Brazil	Conformant	L1	L1
169	Tin	CID002158	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	China	Conformant	L1	N/A
170	Tin	CID002180	Tin Smelting Branch of Yunnan Tin Co., Ltd.	China	Conformant	LR, HR, DRC, R/S	L1, HR, CC, DRC, R/S
171	Tin	CID002468	Magnu's Minerai's Metais e Ligas Ltda.	Brazil	Conformant	LR, R/S	L1, LR, R/S
172	Tin	CID002503	PT ATD Makmur Mandiri Jaya	Indonesia	Conformant	LR	N/A
173	Tin	CID002517	O.M. Manufacturing Philippines, Inc.	Philippines	Conformant	R/S	R/S
174	Tin	CID002593	PT Rajehan Ariq	Indonesia	Conformant	LR	N/A

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
175	Tin	CID002696	PT Cipta Persada Mulia	Indonesia	Conformant	LR	N/A
176	Tin	CID002706	Resind Industria e Comercio Ltda.	Brazil	Conformant	LR	LR
177	Tin	CID002773	Aurubis Beerse	Belgium	Conformant	N/A	L1, LR, CC, HR, DRC, R/S
178	Tin	CID002774	Aurubis Berango	Spain	Conformant	R/S	LR
179	Tin	CID002816	PT Sukses Inti Makmur	Indonesia	Conformant	LR	N/A
180	Tin	CID002834	Thai Nguyen Mining and Metallurgy Co., Ltd.	Vietnam	Conformant	LR	N/A
181	Tin	CID002835	PT Menara Cipta Mulia	Indonesia	Conformant	LR	N/A
182	Tin	CID002844	HuiChang Hill Tin Industry Co., Ltd.	China	Conformant	L1	N/A
183	Tin	CID003116	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	China	Conformant	LR, R/S	N/A
184	Tin	CID003190	Chifeng Dajingzi Tin Industry Co., Ltd.	China	Conformant	L1, R/S	N/A
185	Tin	CID003205	PT Bangka Serumpun	Indonesia	Conformant	L1	N/A
186	Tin	CID003325	Tin Technology & Refining	USA	Conformant	R/S	LR, R/S
187	Tin	CID003379	Ma'anshan Weitai Tin Co., Ltd.	China	Conformant	R/S	N/A
188	Tin	CID003381	PT Rajawali Rimba Perkasa	Indonesia	Conformant	LR	N/A
189	Tin	CID003387	Luna Smelter, Ltd.	Rwanda	Conformant	HR, CC	N/A
190	Tin	CID003449	PT Mitra Sukses Globalindo	Indonesia	Conformant	LR	N/A
191	Tin	CID003486	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	Brazil	Conformant	R/S	N/A
192	Tin	CID003524	CRM Synergies	Spain	Conformant	R/S	N/A
193	Tin	CID003582	Fabrica Auricchio Industria e Comercio Ltda.	Brazil	Conformant	LR	N/A
194	Tin	CID003868	PT Putera Sarana Shakti (PT PSS)	Indonesia	Conformant	LR	N/A
195	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
196	Tungsten	CID000105	Kennametal Huntsville	USA	Conformant	See aggregated data below for TI-CMC Sourcing	HR, CC, R/S
197	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
198	Tungsten	CID000258	Chongyi Zhangyuan Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
199	Tungsten	CID000568	Global Tungsten & Powders Corp.	USA	Conformant	CC, See aggregated data below for TI-CMC Sourcing	LR, CC, HR, R/S
200	Tungsten	CID000766	Hunan Chenzhou Mining Co., Ltd.	China	Conformant	LR	N/A
201	Tungsten	CID000769	Hunan Chunchang Nonferrous Metals Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
202	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
203	Tungsten	CID000875	Ganzhou Huaxing Tungsten Products Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
204	Tungsten	CID000966	Kennametal Fallon	USA	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
205	Tungsten	CID002044	Wolfram Bergbau und Hutten AG	Austria	Conformant	CC, See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
206	Tungsten	CID002082	Xiamen Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	LR, R/S, DRC, CC, HR
207	Tungsten	CID002315	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing, R/S	N/A

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
208	Tungsten	CID002316	Jiangxi Yaosheng Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
209	Tungsten	CID002317	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
210	Tungsten	CID002318	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
211	Tungsten	CID002319	Malipo Haiyu Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
212	Tungsten	CID002320	Xiamen Tungsten (H.C.) Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	LR, R/S, HR, CC
213	Tungsten	CID002321	Jiangxi Gan Bei Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
214	Tungsten	CID002494	Ganzhou Seadragon W & Mo Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
215	Tungsten	CID002502	Asia Tungsten Products Vietnam Ltd.	Vietnam	Conformant	L1, HR, CC, DRC	N/A
216	Tungsten	CID002513	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
217	Tungsten	CID002541	H.C. Starck Tungsten GmbH	Germany	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
218	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)
219	Tungsten	CID002543	Masan High-Tech Materials	Vietnam	Conformant	DRC, CC, See aggregated data below for TI-CMC Sourcing	N/A
220	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
221	Tungsten	CID002589	Niagara Refining LLC	USA	Conformant	See aggregated data below for TI-CMC Sourcing	R/S
222	Tungsten	CID002641	China Molybdenum Tungsten Co., Ltd.	China	Conformant	LR	N/A
223	Tungsten	CID002645	Ganzhou Haichuang Tungsten Co., Ltd.	China	Conformant	LR	LR, R/S
224	Tungsten	CID002827	Philippine Chuangxin Industrial Co., Inc.	Philippines	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
225	Tungsten	CID002830	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
226	Tungsten	CID002833	ACL Metais Eireli	Brazil	Conformant	-	-
227	Tungsten	CID002845	Moliren Ltd.	Russia	Conformant	-	-
228	Tungsten	CID003388	KGETS CO., LTD.	Korea, Republic of	Conformant	R/S	N/A
229	Tungsten	CID003401	Fujian Ganmin RareMetal Co., Ltd.	China	Conformant	LR	N/A
230	Tungsten	CID003407	Lianyou Metals Co., Ltd.	Taiwan	Conformant	R/S	N/A
231	Tungsten	CID003417	Hubei Green Tungsten Co., Ltd.	China	Conformant	R/S	See aggregated data below for TI-CMC Sourcing
232	Tungsten	CID003468	Cronimet Brasil Ltda	Brazil	Conformant	HR	N/A
233	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)

* 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	Tanzania
DRC	
Low Risk (LR)	Canada, Chile, Ghana**, Guinea**, Guyana**, India, Mexico**, Peru**, Philippines, United States of America, South Africa**, South Korea, Sweden, Uzbekistan
High Risk (HR)	Benin, Bolivia (Plurinational State of), Brazil**, Colombia, Ecuador, Eritrea, Ghana**, Guinea**, Guyana**, Mexico**, Mozambique, Niger, Peru**, South Africa**, Swaziland, Tanzania, Russian Federation
Recycled Scrap (R/S)	Andorra, Antigua and Barbuda, Australia, Austria, Bahamas, Barbados, Belgium, Benin (HR), Brazil**, Bulgaria, Canada, Cayman Islands, Chile**, China, Chinese Taipei, Colombia**, Curacao, Czech Republic, Denmark, Dominican Republic**, El Salvador (HR), France, Germany, Grenada, Guatemala (HR), Honduras (HR), Hong Kong**, Hungary, India**, Indonesia**, Ireland, Israel, Italy, Japan, Jordan (HR), Lithuania, Luxembourg, Malaysia, Mexico (HR), Netherlands, New Zealand, Panama (HR)**, Peru, Philippines**, Poland, Puerto Rico, Romania, Saint Kitts and Nevis, Saudi Arabia (HR), Singapore**, Sint Maarten, Slovakia, South Africa**, South Korea, 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 (HR), Vietnam

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

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

* Notes

* 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.

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

All COI	Algeria, Andorra, Argentina, Armenia, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia (Plurinational State of), Brazil, Bulgaria, Canada, Chile, China, Chinese Taipei, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, Estonia, Finland, France, Georgia, Germany, Ghana, Greece, Guyana, Hong Kong, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Korea, Republic of, Kyrgyzstan, Lao People's Democratic Republic, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao, Malaysia, Mali, Malta, Mexico, Morocco, Netherlands, New Zealand, Norway, Pakistan, Peru, Philippines, Poland, Portugal, Romania, Russian Federation, San Marino, Serbia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Thailand, Trinidad and Tobago, Turkey, Ukraine, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United States of America, Uruguay, Viet Nam, Zimbabwe
CC	Tanzania, Zambia
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, Dominican Republic, Ecuador, Finland, Guinea, French Guiana, Ghana, Honduras, Lao People's Democratic Republic, Liberia, Mexico, Morocco, Nicaragua, Panama, Peru, Philippines, Saudi Arabia, Senegal, Spain, South Africa, 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	Brazil
L2	
CC	Burundi, Rwanda
DRC	Congo, Democratic Republic of the
Low Risk (LR)	Australia, Brazil**, China, Ethiopia**, Mozambique, Nigeria**, Sierra Leone, Spain, Zimbabwe
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, Kazakhstan, Mexico, Russia, Singapore, South Korea, 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, Chinese Taipei, Colombia, Indonesia, Malaysia, Myanmar, Russian Federation, United Kingdom of Great Britain and Northern Ireland, Venezuela
L2	
CC	Burundi, Rwanda
DRC	Congo, Democratic Republic of the
Low Risk (LR)	Australia, Bolivia, Brazil**, China, France, Indonesia**, Laos, Malaysia, Myanmar**, Namibia, Peru, Portugal, Russia**, United Kingdom, Vietnam
High Risk (HR)	Brazil**, Burundi, Congo, Democratic Republic of the, Indonesia**, Myanmar**, Nigeria, Rwanda, Thailand
Recycled Scrap (R/S)	Angola, Argentina, Australia, Austria, Bangladesh, Bahrain, Belarus, Belgium, Bolivia, Brazil, Canada, Chile, China, Chinese Taipei, Croatia, Czech Republic, Denmark, Egypt, Finland, France, Germany, Ghana, Greece, Guinea, Hong Kong, Hungary, India, Indonesia, Ireland, Israel, Italy, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Latvia, Lebanon, Liberia, Lithuania, Malaysia, Malta, Mexico, Morocco, Netherlands, New Zealand, Nigeria, Norway, Pakistan, Philippines, Poland, Portugal, Puerto Rico, Romania, Russia, Saudi Arabia, Serbia, Senegal, Singapore, Slovakia, Slovenia, South Africa, South Korea, Spain, Sudan, Sweden, Switzerland, Tanzania, Thailand, Togo, Trinidad and Tobago, Tunisia, Turkey, Ukraine, United Arab Emirates, United Kingdom, United States of America, Uruguay, Venezuela, Yemen

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, Krygyzstan, Malaysia, Mexico, Mongolia, Myanmar, Nigeria, Peru, Portugal, Russian Federation, Spain, Thailand, United Kingdom of Great Britain and Northern Ireland, United States of America, Vietnam, Zimbabwe
CC	Burundi, Rwanda, Uganda
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	Brazil, Myanmar
L2	
CC	Rwanda
DRC	Congo, Democratic Republic of the
Low Risk (LR)	China, Vietnam
High Risk (HR)	Brazil, Burundi, Rwanda
Recycled Scrap (R/S)	Brazil, Canada, China, Germany, Ireland, Israel, Japan, South Korea, United States of America, Vietnam

* Notes

* 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.

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Cobalt Smelter List

No	ID	Smelter Name	Location
1	CID003211	Zhuhai Kelixin Metal Materials Co., Ltd.	China
2	CID003221	Nantong Xinwei Nickel Cobalt Technology Development Co., Ltd.	China
3	CID003232	Dynatec Madagascar Company	Madagascar
4	CID003233	JSC Kolskaya Mining and Metallurgical Company (Kola MMC)	Russia
5	CID003266	Societe pour le Traitment du Terril de Lubumbashi (STL)	Congo, Democratic Republic of the
6	CID003377	Jiangxi Jiangwu Cobalt industrial Co., Ltd.	China
7	CID003426	SOCIETE MINIERE DU KATANGA (SOMIKA SARL)	Congo, Democratic Republic of the
8	CID003470	Hunan Jinxin New Material Holding Co., Ltd.	China
9	CID003534	Mechema Taiwan Plant 2	Taiwan
10	CID003209	Gem (Jiangsu) Cobalt Industry Co., Ltd.	China
11	CID003210	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	China
12	CID003212	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	China
13	CID003213	Guangxi Yinyi Advanced Material Co., Ltd.	China
14	CID003215	Tianjin Maolian Science & Technology Co., Ltd.	China
15	CID003225	Zhejiang Huayou Cobalt Company Limited	China
16	CID003226	Umicore Finland Oy	Finland
17	CID003228	Umicore Olen	Belgium
18	CID003255	Quzhou Huayou Cobalt New Material Co., Ltd.	China
19	CID003261	Kamoto Copper Company	Congo, Democratic Republic of the
20	CID003264	Chemaf Etoile	Congo, Democratic Republic of the
21	CID003275	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	Congo, Democratic Republic of the
22	CID003278	Niihama Nickel Refinery, Sumitomo Metal Mining	Japan
23	CID003279	Mine de Bou-Azzer	Morocco
24	CID003280	Compagnie de Tifnout Tiranimine	Morocco
25	CID003291	Guangdong Jiana Energy Technology Co., Ltd.	China
26	CID003293	Jiangsu Xiongfeng Technology Co., Ltd.	China
27	CID003338	SungEel HiTech Co., Ltd.	Korea, Republic of
28	CID003378	Jingmen GEM Co., Ltd.	China
29	CID003384	Ganzhou Highpower Technology Co., Ltd.	China
30	CID003390	NORILSK NICKEL HARJAVALTA OY	Finland
31	CID003398	New Era Group Zhejiang Zhongneng Cycle Technology Co., Ltd.	China
32	CID003404	Hunan Yacheng New Materials Co., Ltd.	China
33	CID003406	Murrin Murrin Nickel Cobalt Plant	Australia
34	CID003411	Hunan CNGR New Energy Science & Technology Co., Ltd.	China
35	CID003415	Cosmo Chemical, Ltd.	Korea, Republic of
36	CID003423	Chemaf Usoke	Congo, Democratic Republic of the
37	CID003465	Ningbo Hubang New Material Co., Ltd.	China
38	CID003473	CoreMax Corporation	Taiwan
39	CID003481	Chizhou CN New Materials and Technology Co., Ltd.	China
40	CID003526	Zhejiang Greatpower Cobalt Materials Co., Ltd.	China
41	CID003577	Harima Refinery, Sumitomo Metal Mining	Japan
42	CID003610	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	China

Mica Operator List

No	ID	Operator Name	Location
1	CID003512	Yamaguchi Mica	Japan
2	CID003514	The JAI Mica Supply Company Limited	-
3	CID003625	SIDDHI EXIMP ENTERPRISES	India
4	CID003652	Ruby Mica	India
5	CID003730	Lingshou Huajing Mica Co., Ltd.	China
6	CID003734	Tri-H	Madagascar
7	CID003513	Modi Mica Enterprises	India
8	CID003589	Imerys Canada, Inc.	Canada
9	CID003590	Southeastern Performance Minerals, LLC	USA
10	CID003591	Imerys Mica Kings Mountain, Inc.	USA
11	CID003592	Arctic Minerals, LLC	USA
12	CID003593	VON ROLL BRAZIL LTDA	Brazil
13	CID003599	Pachisia & Co.	India
14	CID003621	DARUKA INTERNATIONAL	India
15	CID003623	G. K. INTERNATIONAL	India
16	CID003624	LAXIM MINERALS CORPORATION	India
17	CID003626	DARUKA MINERALS	India
18	CID003664	JSC "Sludyanaya Fabrika"	Russia
19	CID003787	Nanjing Jinyun Mica Ltd.	China

Lithium Smelter List

No	ID	Smelter Name	Location
1	CID003670	Fujhara Refinery	UAE
2	CID003708	Salar del Carmen	Chile
3	CID003714	Jiangxi Ganfeng Lithium Co., Ltd.	China
4	CID003715	Ningdu Ganfeng Lithium Co., Ltd.	China
5	CID003720	Tianqi Lithium (Shehong) Co., Ltd.	China
6	CID003745	POSCO	Korea, Republic of
7	CID003823	La Negra Chemical Plant	Canada
8	CID003824	Albermarle U.S. Inc (King's Mountain)	USA
9	CID003826	FMC	Unknown
10	CID003954	SQM Salar S.A.	Chile
11	CID004013	Jingmen GEM Co., Ltd.	China

Copper Smelter List

No	ID	Smelter Name	Location
1	CID003668	Fujhara Refinery	UAE
2	CID003722	Katanga Mining	Congo, Democratic Republic of the
3	CID003742	TSK Pretech	Unknown
4	CID003747	Samsun Smelter and Electrolysis Plant	Turkey
5	CID003748	Kure Plant	Turkey
6	CID003749	Murgul Plant	Turkey
7	CID003754	Atlantic Nickel Santa Rita	Brazil
8	CID003774	Apex Material Technologies	USA
9	CID003792	Mufulira - Mopani Copper Mines	Congo, Democratic Republic of the
10	CID003793	MKM	Congo, Democratic Republic of the
11	CID003794	KCC	Congo, Democratic Republic of the
12	CID003795	Tenke Fungurume Mining SA	Congo, Democratic Republic of the
13	CID003812	Young Poong Seokpo Smelter	Korea, Republic of
14	CID003876	Besshi Copper Mine	Japan
15	CID003877	Hishikari Mine	Japan
16	CID003878	Toyo Smelter & Refinery	Japan
17	CID003881	Niihama Refinery	Japan
18	CID003887	Mitsui Sumitomo Metal Mining Brass & Copper Co., Ltd.	Japan
19	CID003895	Niihama Electronics Co., Ltd.	Japan
20	CID003898	Jinlong Copper	China
21	CID003900	Northparkes Mine	Australia
22	CID003901	Ojos del Salado Copper Mine	Chile
23	CID003902	Candelaria Mine	Chile
24	CID003903	Sierra Gorda Mine	Chile
25	CID003916	Ganzhou Hanrui	China
26	CID003921	Jiangmen Fangyuan Cycle Technology Co., Ltd.	China
27	CID003931	MCC Non Ferrous Trading Inc.	USA
28	CID003941	Guangdong Fangyuan Environment Co., Ltd.	China
29	CID003948	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	Congo, Democratic Republic of the
30	CID003982	Africo Resources/Rubicon Minerals	Congo, Democratic Republic of the
31	CID003992	Compagnie Minière de Musonoie Global SAS	Congo, Democratic Republic of the
32	CID003995	JX Nippon Mining & Metals Co., Ltd.	Japan
33	CID003996	JX Nippon Mining & Metals Co., Ltd. Hitachi	Japan

Nickel Smelter List

No	ID	Smelter Name	Location
1	CID003703	Eramet SLN	New Caledonia
2	CID003707	Angel Nickel	Indonesia
3	CID003753	Atlantic Nickel Santa Rita	Brazil
4	CID003771	JIANGMEN UMICORE CHANG XIN NEW MATERIALS CO., LTD,	China
5	CID003775	Apex Material Technologies	USA
6	CID003897	Sumiko Energy Materials Co., Ltd.	Japan
7	CID003923	Jiangmen Fangyuan Cycle Technology Co., Ltd.	China
8	CID003925	Jiangmen Fangyuan New Energy Materials Co., Ltd.	China
9	CID003928	Murrin Murrin Nickel Cobalt Plant	Australia
10	CID003943	Guangdong Fangyuan Environment Co., Ltd.	China
11	CID003947	Baotou Jielang Nickel Salt Co., Ltd.	China
12	CID003958	Joint-Stock Company Kola Mining and Metallurgical Company (JSC Kola MMC)	Russia
13	CID003968	Dynatec Madagascar Company	Madagascar
14	CID003976	Jinchuan Group Co., Ltd.	China
15	CID004004	PT Huayue	Indonesia
16	CID004005	PT Smelter Nickel Indonesia	Indonesia
17	CID004006	PT Cahaya Modern Metal Industri	Indonesia
18	CID004007	PT Aneka Tambang Tbk (Antam)	Indonesia
19	CID004008	NORILSK NICKEL HARJAVALTA OY	Finland
20	CID004012	Nadezhda Metallurgical Plant of MMC Norilsk Nickel's Polar Division	Russia
21	CID004024	Zhejiang Power New Energy Materials Co., Ltd.	China
22	CID004055	Niihama Nickel Refinery, Sumitomo Metal Mining	Japan