

Smelter and Refiner List in Samsung Electronics' supply chain(as of 2020)

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	Allgemeine Gold-und Silberscheideanstalt A.G.	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and 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	L1, R/S
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	See aggregated data below for RJC Sourcing	N/A
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, LR	N/A
17	Gold	CID000359	DSC (Do Sung Corporation)	Korea	Conformant	R/S	N/A
18	Gold	CID000362	DODUCO Contacts and Refining GmbH	Germany	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
19	Gold	CID000401	Dowa	Japan	Conformant	L1, R/S	N/A
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	CID000493	OJSC Novosibirsk Refinery	Russia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
22	Gold	CID000689	LT Metal Ltd.	Korea	Conformant	L1, R/S	N/A
23	Gold	CID000694	Heimerle + Meule GmbH	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
24	Gold	CID000707	Heraeus Metals Hong Kong Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter 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	CID000929	JSC Uralsmet	Russia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
33	Gold	CID000937	JX Nippon Mining & Metals Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
34	Gold	CID000957	Kazzinc	Kazakhstan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
35	Gold	CID000969	Kennecott Utah Copper LLC	USA	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
36	Gold	CID000981	Kojima Chemicals Co., Ltd.	Japan	Conformant	L1, R/S	L1, R/S
37	Gold	CID001029	Kyrgyzalyn JSC	Kyrgyzstan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
38	Gold	CID001078	LS-NIKKO Copper Inc.	Korea	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
39	Gold	CID001113	Materion	USA	Conformant	L1, R/S	See aggregated data below for LBMA Good Delivery Sourcing
40	Gold	CID001119	Matsuda Sangyo Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
41	Gold	CID001147	Metalor Technologies (Suzhou) Ltd.	China	Conformant	See aggregated data below for RJC Sourcing	N/A
42	Gold	CID001149	Metalor Technologies (Hong Kong) Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
43	Gold	CID001152	Metalor Technologies (Singapore) Pte., Ltd.	Singapore	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
44	Gold	CID001153	Metalor Technologies S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
45	Gold	CID001157	Metalor USA Refining Corporation	USA	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
46	Gold	CID001161	Metalurgica Met-Mex Penoles S.A. De C.V.	Mexico	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
47	Gold	CID001188	Mitsubishi Materials Corporation	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
48	Gold	CID001193	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
49	Gold	CID001204	Moscow Special Alloys Processing Plant	Russia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
50	Gold	CID001220	Nadir Metal Rafineri San. Ve Tic. A.S.	Turkey	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
51	Gold	CID001236	Navoi Mining and Metallurgical Combinat	Uzbekistan	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
52	Gold	CID001259	Nihon Material Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
53	Gold	CID001325	Ohura Precious Metal Industry Co., Ltd.	Japan	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
54	Gold	CID001326	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	Russia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
55	Gold	CID001352	PAMP S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
56	Gold	CID001386	Prioksky Plant of Non-Ferrous Metals	Russia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
57	Gold	CID001397	PT Aneka Tambang (Persero) Tbk	Indonesia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
58	Gold	CID001498	PX Precinox S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
59	Gold	CID001512	Rand Refinery (Pty) Ltd.	South Africa	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
60	Gold	CID001534	Royal Canadian Mint	Canada	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
61	Gold	CID001555	Samduck Precious Metals	Korea	Conformant	R/S	N/A
62	Gold	CID001585	SEMPSA Joyeria Plateria S.A.	Spain	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
63	Gold	CID001622	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
64	Gold	CID001736	Sichuan Tianze Precious Metals Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
65	Gold	CID001756	SOE Shyolkovsky Factory of Secondary Precious Metals	Russia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
66	Gold	CID001761	Solar Applied Materials Technology Corp.	Taiwan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
67	Gold	CID001798	Sumitomo Metal Mining Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
68	Gold	CID001875	Tanaka Kikinzoku Kogyo K.K.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
69	Gold	CID001916	The Refinery of Shandong Gold Mining Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
70	Gold	CID001938	Tokuriki Honten Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
71	Gold	CID001955	Torecom	Korea	Conformant	R/S	N/A
72	Gold	CID001980	Umicore S.A. Business Unit Precious Metals Refining	Belgium	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
73	Gold	CID001993	United Precious Metal Refining, Inc.	USA	Conformant	LR, R/S	See aggregated data below for LBMA Good Delivery Sourcing
74	Gold	CID002003	Valcambi S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
75	Gold	CID002030	Western Australian Mint (T/a The Perth Mint)	Australia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
76	Gold	CID002100	Yamakin Co., Ltd.	Japan	Conformant	L1, R/S	L1, R/S
77	Gold	CID002129	Yokohama Metal Co., Ltd.	Japan	Conformant	R/S	N/A
78	Gold	CID002224	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
79	Gold	CID002243	Gold Refinery of Zijin Mining Group Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
80	Gold	CID002290	SAFINA A.S.	Czechia	Conformant	R/S	LR, R/S

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
81	Gold	CID002314	Umicore Precious Metals Thailand	Thailand	Conformant	See aggregated data below for RJC Sourcing	N/A
82	Gold	CID002459	Geib Refining Corporation	USA	Conformant	R/S	N/A
83	Gold	CID002509	MMTC-PAMP India Pvt., Ltd.	India	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
84	Gold	CID002511	KGHM Polska Miedz Spolka Akcyjna	Poland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
85	Gold	CID002516	Singway Technology Co., Ltd.	Taiwan	Conformant	L1, R/S	N/A
86	Gold	CID002560	Al Etihad Gold Refinery DMCC	UAE	Conformant	HR, R/S	N/A
87	Gold	CID002561	Emirates Gold DMCC	UAE	Conformant	LR, CC, R/S	N/A
88	Gold	CID002580	T.C.A S.p.A	Italy	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
89	Gold	CID002582	REMONDIS PMR B.V.	Netherland	Conformant	R/S	LR, R/S
90	Gold	CID002605	Korea Zinc Co., Ltd.	Korea	Conformant	L1	N/A
91	Gold	CID002606	Marsam Metals	Brazil	Conformant	LR, R/S	See aggregated data below for LBMA Good Delivery Sourcing
92	Gold	CID002615	TOO Tau-Ken-Altyn	Kazakhstan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
93	Gold	CID002761	SAAMP	France	Conformant	See aggregated data below for RJC mined gold	N/A
94	Gold	CID002762	L'Orfebre S.A.	Andorra	Conformant	L1, CC, R/S	N/A
95	Gold	CID002763	8853 S.p.A.	Italy	Conformant	See aggregated data below for RJC Sourcing	N/A
96	Gold	CID002765	Italpreziosi	Italy	Conformant	See aggregated data below for RJC Sourcing	N/A
97	Gold	CID002777	SAXONIA Edelmetalle GmbH	Germany	Conformant	L1, R/S	L1, R/S
98	Gold	CID002778	WIELAND Edelmetalle GmbH	Germany	Conformant	L1, R/S	L1, R/S
99	Gold	CID002779	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	Austria	Conformant	See aggregated data below for RJC Sourcing	N/A
100	Gold	CID002850	AU Traders and Refiners	South Africa	Conformant	See aggregated data below for RJC Sourcing	N/A
101	Gold	CID002863	Bangalore Refinery	India	Conformant	LR, R/S	N/A
102	Gold	CID002918	SungEel HiMetal Co., Ltd.	Korea	Conformant	R/S	N/A
103	Gold	CID002919	Planta Recuperadora de Metales SpA	Chile	Conformant	LR	N/A
104	Gold	CID002973	Safimet S.p.A	Italy	Conformant	See aggregated data below for RJC mined gold	N/A
105	Gold	CID003195	TSK Pretech	Korea	Conformant	R/S	N/A
106	Gold	CID003424	Eco-System Recycling Co., Ltd. North Plant	Japan	Conformant	R/S	N/A
107	Gold	CID003425	Eco-System Recycling Co., Ltd. West Plant	Japan	Conformant	R/S	N/A
108	Tantalum	CID000092	Asaka Riken Co., Ltd.	Japan	Conformant	R/S, CC, HR	N/A
109	Tantalum	CID000211	Changsha South Tantalum Niobium Co., Ltd.	China	Conformant	L1, R/S	L1, L2, CC, R/S
110	Tantalum	CID000291	Guangdong Rising Rare Metals-EO Materials Ltd.	China	Conformant	L1	N/A
111	Tantalum	CID000456	Exotech Inc.	USA	Conformant	LR, R/S	LR, CC, DRC, R/S
112	Tantalum	CID000460	F&X Electro-Materials Ltd.	China	Conformant	LR, HR, DRC, CC	LR, CC, DRC, R/S
113	Tantalum	CID000616	Guangdong Zhiyuan New Material Co., Ltd.	China	Conformant	LR, HR, DRC, CC, R/S	LR, HR, CC, DRC, R/S
114	Tantalum	CID000914	Jiujiang JinXin Nonferrous Metals Co., Ltd.	China	Conformant	LR	N/A
115	Tantalum	CID000917	Jiujiang Tanbre Co., Ltd.	China	Conformant	L1, L2, R/S	N/A
116	Tantalum	CID001076	LSM Brasil S.A.	Brazil	Conformant	LR	N/A
117	Tantalum	CID001163	Metallurgical Products India Pvt., Ltd.	India	Conformant	L1, L2, R/S	N/A
118	Tantalum	CID001175	Mineracao Taboca S.A.	Brazil	Conformant	L1	N/A
119	Tantalum	CID001192	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	L1, R/S	L1

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
120	Tantalum	CID001200	NPM Silmet AS	Estonia	Conformant	HR, DRC, CC, LR	LR
121	Tantalum	CID001277	Ningxia Orient Tantalum Industry Co., Ltd.	China	Conformant	L1, CC, R/S	L1, CC, DRC
122	Tantalum	CID001508	QuantumClean	USA	Conformant	R/S	N/A
123	Tantalum	CID001522	Yanling Jincheng Tantalum & Niobium Co., Ltd.	China	Conformant	L1, R/S	L1, CC, DRC, R/S
124	Tantalum	CID001769	Solikamsk Magnesium Works OAO	Russia	Conformant	L1	N/A
125	Tantalum	CID001869	Taki Chemical Co., Ltd.	Japan	Conformant	R/S, CC, HR	N/A
126	Tantalum	CID001891	Telex Metals	USA	Conformant	LR, R/S	LR
127	Tantalum	CID001969	Ulba Metallurgical Plant JSC	Kazakhstan	Conformant	LR, HR, CC, DRC, R/S	LR
128	Tantalum	CID002492	Hengyang King Xing Lifeng New Materials Co., Ltd.	China	Conformant	LR, HR, CC	N/A
129	Tantalum	CID002504	D Block Metals, LLC	USA	Conformant	LR, R/S	LR, CC, DRC, R/S
130	Tantalum	CID002505	FIR Metals & Resource Ltd.	China	Conformant	LR, R/S	L1, L2, CC, DRC, R/S
131	Tantalum	CID002506	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	China	Conformant	LR	N/A
132	Tantalum	CID002508	XinXing HaoRong Electronic Material Co., Ltd.	China	Conformant	L1, R/S	L1, L2, DRC
133	Tantalum	CID002512	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	China	Conformant	L1	N/A
134	Tantalum	CID002539	KEMET Blue Metals	Mexico	Conformant	LR, R/S	L1, CC, R/S
135	Tantalum	CID002544	H.C. Starck Co., Ltd.	Thailand	Conformant	LR, CC, DRC, HR	LR, HR, CC, DRC, R/S
136	Tantalum	CID002545	H.C. Starck Tantalum and Niobium GmbH	Germany	Conformant	LR, CC, DRC, HR, R/S	LR, CC, DRC, HR, R/S
137	Tantalum	CID002547	H.C. Starck Hermsdorf GmbH	Germany	Conformant	LR, R/S	HR, DRC, CC, LR, R/S
138	Tantalum	CID002548	H.C. Starck Inc.	USA	Conformant	LR, R/S	LR, HR, CC, DRC, R/S
139	Tantalum	CID002549	H.C. Starck Ltd.	Japan	Conformant	LR, R/S	LR, CC, DRC, R/S
140	Tantalum	CID002550	H.C. Starck Smelting GmbH & Co. KG	Germany	Conformant	LR, CC, DRC, HR, R/S	LR, CC, DRC, HR, R/S
141	Tantalum	CID002557	Global Advanced Metals Boyertown	USA	Conformant	LR, HR, CC, DRC, R/S	LR, CC, DRC, R/S
142	Tantalum	CID002558	Global Advanced Metals Aizu	Japan	Conformant	LR	LR, HR, CC, DRC, R/S
143	Tantalum	CID002707	Resind Industria e Comercio Ltda.	Brazil	Conformant	LR	LR
144	Tantalum	CID002842	Jiangxi Tuohong New Raw Material	China	Conformant	L1	L1, CC, DRC
145	Tantalum	CID002847	Power Resources Ltd.	Macedonia	Conformant	CC	N/A
146	Tin	CID000228	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	China	Conformant	L1, R/S	L1
147	Tin	CID000292	Alpha	USA	Conformant	L1, R/S	L1, CC, DRC, R/S
148	Tin	CID000402	Dowa	Japan	Conformant	R/S	N/A
149	Tin	CID000438	EM Vinto	Bolivia	Conformant	L1	N/A
150	Tin	CID000468	Fenix Metals	Poland	Conformant	L1	N/A
151	Tin	CID000538	Geju Non-Ferrous Metal Processing Co., Ltd.	China	Conformant	L1	N/A
152	Tin	CID000555	Geju Zili Mining And Metallurgy Co., Ltd.	China	Conformant	L1	N/A
153	Tin	CID000760	Huichang Jinshunda Tin Co., Ltd.	China	Conformant	L1	N/A
154	Tin	CID000942	Geju Kai Meng Industry and Trade LLC	China	Conformant	L1	N/A
155	Tin	CID001070	China Tin Group Co., Ltd.	China	Conformant	L1	N/A
156	Tin	CID001105	Malaysia Smelting Corporation (MSC)	Malaysia	Conformant	L1, CC, DRC, R/S	L1, R/S
157	Tin	CID001142	Metallic Resources, Inc.	USA	Conformant	LR, R/S	LR
158	Tin	CID001173	Mineracao Taboca S.A.	Brazil	Conformant	L1	N/A
159	Tin	CID001182	Minsur	Perú	Conformant	L1	N/A
160	Tin	CID001191	Mitsubishi Materials Corporation	Japan	Conformant	R/S	N/A
161	Tin	CID001231	Jiangxi New Nanshan Technology Ltd.	China	Conformant	L1, R/S	N/A
162	Tin	CID001314	O.M. Manufacturing (Thailand) Co., Ltd.	Thailand	Conformant	R/S	N/A
163	Tin	CID001337	Operaciones Metalurgicas S.A.	Bolivia	Conformant	LR	N/A
164	Tin	CID001399	PT Artha Cipta Langgeng	Indonesia	Conformant	LR	N/A
165	Tin	CID001406	PT Babel Surya Alam Lestari	Indonesia	Conformant	LR	N/A
166	Tin	CID001453	PT Mitra Stania Prima	Indonesia	Conformant	LR	N/A
167	Tin	CID001458	PT Prima Timah Utama	Indonesia	Conformant	LR	N/A
168	Tin	CID001460	PT Refined Bangka Tin	Indonesia	Conformant	LR	L1

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
169	Tin	CID001477	PT Timah Tbk Kundur	Indonesia	Conformant	LR	N/A
170	Tin	CID001482	PT Timah Tbk Mentok	Indonesia	Conformant	LR	N/A
171	Tin	CID001539	Rui Da Hung	Taiwan	Conformant	L1, R/S	L1
172	Tin	CID001758	Soft Metais Ltda.	Brazil	Conformant	L1, R/S	L1
173	Tin	CID001898	Thaisarco	Thailand	Conformant	L1, CC, DRC, R/S	L1, CC, DRC, R/S
174	Tin	CID001908	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	China	Conformant	L1, R/S	L1, R/S
175	Tin	CID002036	White Solder Metalurgia e Mineracao Ltda.	Brazil	Conformant	L1	L1
176	Tin	CID002158	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	China	Conformant	L1	N/A
177	Tin	CID002180	Yunnan Tin Company Limited	China	Conformant	L1, R/S	L1, CC, DRC, R/S
178	Tin	CID002468	Magnu's Minerai's Metais e Ligas Ltda.	Brazil	Conformant	L1, R/S	N/A
179	Tin	CID002500	Melt Metais e Ligas S.A.	Brazil	Conformant	L1	N/A
180	Tin	CID002503	PT ATD Makmur Mandiri Jaya	Indonesia	Conformant	LR	N/A
181	Tin	CID002517	O.M. Manufacturing Philippines, Inc.	Philippines	Conformant	R/S	N/A
182	Tin	CID002593	PT Rajehan Ariq	Indonesia	Conformant	LR	N/A
183	Tin	CID002706	Resind Industria e Comercio Ltda.	Brazil	Conformant	LR	LR
184	Tin	CID002773	Metallo Belgium N.V.	Belgium	Conformant	LR, R/S	LR, HR, CC, DRC, R/S
185	Tin	CID002774	Metallo Spain S.L.U.	Spain	Conformant	LR, R/S	LR, HR, CC, DRC, R/S
186	Tin	CID002834	Thai Nguyen Mining and Metallurgy Co., Ltd.	Viet Nam	Conformant	L1	N/A
187	Tin	CID002835	PT Menara Cipta Mulia	Indonesia	Conformant	LR	N/A
188	Tin	CID002844	HuiChang Hill Tin Industry Co., Ltd.	China	Conformant	L1	N/A
189	Tin	CID002848	Gejiu Fengming Metallurgy Chemical Plant	China	Conformant	L1	L1, R/S
190	Tin	CID002849	Guanyang Guida Nonferrous Metal Smelting Plant	China	Conformant	L1	L1, R/S
191	Tin	CID003116	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	China	Conformant	L1, R/S	N/A
192	Tin	CID003190	Chifeng Dajingzi Tin Industry Co., Ltd.	China	Conformant	L1, R/S	N/A
193	Tin	CID003205	PT Bangka Serumpun	Indonesia	Conformant	LR	N/A
194	Tin	CID003325	Tin Technology & Refining	USA	Conformant	LR, R/S	LR, CC, DRC, R/S
195	Tin	CID003379	Ma'anshan Weitai Tin Co., Ltd.	China	Conformant	R/S	N/A
196	Tin	CID003381	PT Rajawali Rimba Perkasa	Indonesia	Conformant	LR	N/A
197	Tin	CID003387	Luna Smelter, Ltd.	Rwanda	Conformant	CC, HR	N/A
198	Tin	CID003397	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	China	Conformant	L1, R/S	N/A
199	Tungsten	CID000004	A.L.M.T. Corp.	Japan	Conformant	R/S and Mined (See aggregated data below for TI-CMC Sourcing)	L1, CC, R/S
200	Tungsten	CID000105	Kennametal Huntsville	USA	Conformant	R/S and Mined (See aggregated data below for TI-CMC Sourcing)	L1
201	Tungsten	CID000218	Guangdong Xianglu Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
202	Tungsten	CID000258	Chongyi Zhangyuan Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
203	Tungsten	CID000499	Fujian Jinxin Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	L1, R/S
204	Tungsten	CID000568	Global Tungsten & Powders Corp	USA	Conformant	R/S and Mined (See aggregated data below for TI-CMC Sourcing)	L1, CC, R/S
205	Tungsten	CID000766	Hunan Chenzhou Mining Co., Ltd.	China	Conformant	L1	N/A
206	Tungsten	CID000769	Hunan Chunchang Nonferrous Metals Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
207	Tungsten	CID000825	Japan New Metals Co., Ltd.	Japan	Conformant	R/S and Mined (See aggregated data below for TI-CMC Sourcing)	L1, CC, DRC, R/S
208	Tungsten	CID000875	Ganzhou Huaxing Tungsten Products Co., Ltd.	China	Conformant	L1	N/A
209	Tungsten	CID000966	Kennametal Fallon	USA	Conformant	R/S and Mined (See aggregated data below for TI-CMC Sourcing)	L1, CC, R/S
210	Tungsten	CID001889	Tejing (Vietnam) Tungsten Co., Ltd.	Vietnam	Conformant	L1, R/S	N/A

No	Metal	ID	Smelter Name	Location	RMAP status	Direct Sourcing	Indirect Supplying Smelter Sourcing
211	Tungsten	CID002044	Wolfram Bergbau und Hutten AG	Austria	Conformant	R/S and Mined (See aggregated data below for TI-CMC Sourcing)	LR, CC, HR
212	Tungsten	CID002082	Xiamen Tungsten Co., Ltd.	China	Conformant	R/S and Mined (See aggregated data below for TI-CMC Sourcing)	LR, R/S, DRC, CC, HR
213	Tungsten	CID002315	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	China	Conformant	L1, R/S	N/A
214	Tungsten	CID002316	Jiangxi Yaosheng Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
215	Tungsten	CID002317	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	China	Conformant	L1	N/A
216	Tungsten	CID002318	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	China	Conformant	LR	N/A
217	Tungsten	CID002319	Malipo Haiyu Tungsten Co., Ltd.	China	Conformant	L1	N/A
218	Tungsten	CID002320	Xiamen Tungsten (H.C.) Co., Ltd.	China	Conformant	R/S, DRC, CC and Mined (See aggregated data below for TI-CMC Sourcing)	LR, R/S
219	Tungsten	CID002321	Jiangxi Gan Bei Tungsten Co., Ltd.	China	Conformant	L1	N/A
220	Tungsten	CID002494	Ganzhou Seadragon W & Mo Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
221	Tungsten	CID002502	Asia Tungsten Products Vietnam Ltd.	Vietnam	Conformant	L1, CC, DRC	N/A
222	Tungsten	CID002513	Chenzhou Diamond Tungsten Products Co., Ltd.	China	Conformant	LR	N/A
223	Tungsten	CID002541	H.C. Starck Tungsten GmbH	Germany	Conformant	R/S and Mined (See aggregated data below for TI-CMC Sourcing)	N/A
224	Tungsten	CID002542	H.C. Starck Smelting GmbH & Co. KG	Germany	Conformant	R/S	L1, CC, R/S
225	Tungsten	CID002543	Masan Tungsten Chemical LLC (MTC)	Vietnam	Conformant	HR, CC, R/S	N/A
226	Tungsten	CID002551	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	China	Conformant	LR	N/A
227	Tungsten	CID002579	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
228	Tungsten	CID002589	Niagara Refining LLC	USA	Conformant	R/S and Mined (See aggregated data below for TI-CMC Sourcing)	N/A
229	Tungsten	CID002645	Ganzhou Haichuang Tungsten Co., Ltd.	China	Conformant	L1	N/A
230	Tungsten	CID002649	Hydrometallurg, JSC	Russia	Conformant	L1, R/S	L1
231	Tungsten	CID002724	Unecha Refractory metals plant	Russia	Conformant	L1, R/S	N/A
232	Tungsten	CID002827	Philippine Chuangxin Industrial Co., Inc.	Philippines	Conformant	R/S	N/A
233	Tungsten	CID002830	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
234	Tungsten	CID002833	ACL Metais Eireli	Brazil	Conformant	L1	N/A
235	Tungsten	CID002843	Woltech Korea Co., Ltd.	Korea	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
236	Tungsten	CID002845	Moliren Ltd.	Russia	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
237	Tungsten	CID003182	Hunan Litian Tungsten Industry Co., Ltd.	China	Conformant	R/S and Mined (See aggregated data below for TI-CMC Sourcing)	N/A
238	Tungsten	CID003388	KGETS CO., LTD.	Korea	Conformant	R/S	N/A
239	Tungsten	CID003401	Fujian Ganmin RareMetal Co., Ltd.	China	Conformant	LR	N/A
240	Tungsten	CID003407	Lianyou Metals Co., Ltd.	Taiwan	Conformant	R/S	N/A

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

Data Key

L1	Level 1 countries/locations are not identified as conflict regions or plausible areas of smuggling or export from the DRC and its nine adjoining countries/locations.
L2	Level 2 countries/locations are known or plausible countries/locations for smuggling, export out of region or transit of materials containing tantalum, tin, tungsten or gold.
CC	Coverd countries/locations are the 9 countries/locations adjoining the Democratic Republic of Congo.
DRC	The Democratic Republic of Congo
Low Risk(LR)	countries/locations identified by smelters and refiners as low-risk.
High Risk(HR)	countries/locations identified by smelters and refiners as Conflict-Affected and High-Risk (HR)
Recycled Scrap(R/S)	Secondary sources of material (non-mined) *Note these countries/locations are not listed below

* Refiners Source

Known countries/locations from which Conformant Gold Refiners Source

L1	Argentina, Brazil, Chile, Colombia, Ghana, Japan, Mali, Mauritania, Nicaragua, Peru, Russian Federation, Togo
L2	South Africa
CC	Tanzania, Uganda, Rwanda
DRC	
Low Risk(LR)	Argentina, Brazil, Canada, Ghana, Guinea, Guyana, Japan, Mexico, Peru, Russian Federation, United States of America
High Risk(HR)	Benin, Bolivia (Plurinational State of), Brazil, Colombia, Ecuador, Eritrea, Ghana, Guinea, Guyana, Mexico, Mozambique, Niger, Peru, Rwanda, South Africa, Swaziland, Tanzania, Uganda
Recycled Scrap(R/S)	Argentina, Australia, Austria, Bahamas, Belgium, Benin, Brazil, Canada, Cayman Islands, Chile, China, Colombia, Czechia, Denmark, Dominican Republic, Estonia, Finland, France, Germany, Greece, Guatemala, Honduras, Hong Kong, Hungary, India, Indonesia, Ireland, Israel, Italy, Japan, Jordan, Latvia, Lithuania, Luxembourg, Malaysia, Malta, Monaco, Netherlands, Norway, Panama, Peru, Philippines, Poland, Romania, Russian Federation, Saudi Arabia, Singapore, Slovakia, South Africa, South Korea, Spain, St Vincent and Grenadines, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Arab Emirates, United Kingdom, United States of America, Venezuela

Known countries/locations 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, Canada, Chile, China, Colombia, Cuba, Cyprus, Dominican Republic, Ecuador, Egypt, Ethiopia, Fiji, Finland, Georgia, Ghana, Guatemala, Guinea, Guyana, Honduras, Indonesia, Iran, Ivory Coast, Japan, Kazakhstan, Kenya, Laos, Liberia, Malaysia, Mali, Mauritania, Mexico, Mongolia, Morocco, Namibia, Netherlands, New Zealand, Nicaragua, Niger, Papua New Guinea, Peru, Philippines, Puerto Rico, Russian Federation, Saudi Arabia, Senegal, Serbia, Slovakia, Solomon Islands, South Africa, Spain, Suriname, Swaziland, Sweden, Tajikistan, Turkey, United Kingdom of Great Britain and Northern Ireland, United States of America, Uruguay, Zimbabwe
CC	Tanzania, Zambia
DRC	Congo, Democratic Republic of the

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

All COI	Argentina, Armenia, Australia, Austria, Belgium, Bolivia, Botswana, Brazil, Brunei, Bulgaria, Burkina Faso, Cameroon, Canada, Chile, China, Colombia, Croatia, Cyprus, Czech Republic, Denmark, Ecuador, Egypt, El Salvador, Estonia, Finland, Gambia (The), Georgia, Germany, Greece, Hong Kong, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Ivory Coast, Japan, Jordan, Kazakhstan, Kenya, Korea (Republic of), Kuwait, Kyrgyzstan, Laos, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Macau, Madagascar, Malaysia, Malta, Mauritius, Mexico, Morocco, New Caledonia, New Zealand, Norway, Pakistan, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Romania, Russian Federation, San Marino, Saudi Arabia, Senegal, Serbia, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sudan, Sweden, Switzerland, Taiwan, Thailand, Togo, Trinidad and Tobago, Tunisia, Turkey, Ukraine, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United States of America, Uruguay, Venezuela, Vietnam, Zimbabwe
CC	Tanzania
DRC	Congo, Democratic Republic of the

Known countries/locations from which RJC Refiners Source - Mined Material (Provided by RJC)

All COI	Botswana, Brazil, Burkina Faso, Canada, Chile, Colombia, Costa Rica, Cote d'Ivoire, Cyprus, Ecuador, French Guiana, Georgia, Ghana, Honduras, Indonesia, Malaysia, Mali, Mexico, Morocco, Nicaragua, Peru, Philippines, Saudi Arabia, Senegal, Suriname, Tajikistan, United States of America
---------	---

Known countries/locations from which Conformant Tantalum Smelters Source

L1	Australia, Austria, Bolivia (Plurinational State of), Brazil, China, Colombia, Ethiopia, France, Guinea, India, Madagascar, Malaysia, Nigeria, Russian Federation, Sierra Leone, Somaliland, Spain, Thailand
L2	Mozambique
CC	Burundi, Rwanda, Uganda
DRC	Congo, Democratic Republic of the
Low Risk(LR)	Australia, Bolivia, Brazil, China, Ethiopia, Germany, India, Malaysia, Mozambique, Namibia, Nigeria, Russian Federation, Sierra Leone, Spain, Thailand, Zimbabwe
High Risk(HR)	Burundi, Congo, Democratic Republic of the, Ethiopia, Myanmar, Rwanda
Recycled Scrap(R/S)	Austria, Belarus, China, France, Germany, Indonesia, Ireland, Israel, Japan, South Korea, Spain, Switzerland, Thailand, United Kingdom of Great Britain and Northern Ireland, United States of America

Known countries/locations from which Conformant Tin Smelters Source

L1	Australia, Bolivia (Plurinational State of), Brazil, China, Colombia, Guinea, Indonesia, Laos, Malaysia, Mongolia, Myanmar, Nigeria, Peru, Portugal, Russian Federation, Taiwan, Thailand, United Kingdom of Great Britain and Northern Ireland, Venezuela, Vietnam
L2	
CC	Burundi, Rwanda, Uganda
DRC	Congo, Democratic Republic of the
Low Risk(LR)	Australia, Brazil, Indonesia, Malaysia, Mongolia, Peru, Portugal, Spain, USA
High Risk(HR)	
Recycled Scrap(R/S)	Angola, Argentina, Australia, Austria, Bangladesh, Belarus, Belgium, Benin, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Croatia, Czech Republic, Congo, Democratic Republic of the, Cyprus, Denmark, Egypt, El Salvador, Estonia, Finland, France, Gabon, Germany, Ghana, Greece, Guinea, Hong Kong, Hungary, India, Indonesia, Israel, Italy, Japan, Jordan, Kazakhstan, Latvia, Lebanon, Libya, Lithuania, Luxembourg, Malaysia, Mexico, Morocco, Netherlands, New Zealand, Nigeria, Norway, Pakistan, Peru, Poland, Portugal, Philippines, Puerto Rico, Qatar, Romania, Saudi Arabia, Senegal, Singapore, Slovakia, Slovenia, South Africa, South Korea, Spain, Sudan, Sweden, Switzerland, Taiwan, Tanzania, Thailand, Togo, Tunisia, Turkey, Ukraine, United Arab Emirates, United Kingdom, United States of America, Uruguay, Yemen

Known countries/locations from which Conformant Tungsten

Industry-Conflict Minerals Council (TI-CMC) Smelters Source - Mined Material (Provided by TI-CMC)

L1	Australia, Austria, Bolivia, China, Kazakhstan, 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/locations from which Conformant Tungsten Smelters Source

L1	Australia, Bolivia, Brazil, China, Colombia, Guinea, Indonesia, Laos, Malaysia, Mongolia, Myanmar, Nigeria, Peru, Portugal, Russian Federation, Spain, Taiwan, Thailand, United Kingdom of Great Britain and Northern Ireland, United States of America, Uzbekistan, Vietnam
L2	
CC	Burundi, Rwanda, Uganda
DRC	Congo, Democratic Republic of the
Low Risk(LR)	Austria, China, Russian Federation
High Risk(HR)	
Recycled Scrap(R/S)	Austria, Belgium, Brazil, Canada, China, Czech Republic, France, Germany, Hong Kong, Japan, Latvia, Russia, Spain, Taiwan, Thailand, United Arab Emirates, United States of America, Vietnam

Cobalt Smelter List

No	ID	Smelter Name	Location
1	CID003209	Gem (Jiangsu) Cobalt Industry Co., Ltd.	China
2	CID003210	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	China
3	CID003211	Zhuhai Kelixin Metal Materials Co., Ltd.	China
4	CID003212	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	China
5	CID003213	Guangxi Yinyi Advanced Material Co., Ltd.	China
6	CID003215	Tianjin Maolian Science & Technology Co., Ltd.	China
7	CID003221	Nantong Xinwei Nickel Cobalt Technology Development Co., Ltd.	China
8	CID003225	Zhejiang Huayou Cobalt Co.,Ltd.	China
9	CID003226	Freeport Cobalt Oy	Finland
10	CID003228	Umicore Olen	Belgium
11	CID003255	Quzhou Huayou Cobalt New Material Co., Ltd.	China
12	CID003264	Chemaf Etoile	DRC
13	CID003278	Sumitomo Metal Mining	Japan
14	CID003279	Mine de Bou-Azzer	Morocco
15	CID003280	Complexe hydrométallurgique de Guemassa	Morocco
16	CID003291	Guangdong Jiana Energy Technology Co., Ltd.	China
17	CID003293	Jiangsu Xiongfeng Technology Co., Ltd.	China
18	CID003338	SungEel HiTech Co.,Ltd.	Korea
19	CID003377	Jiangxi Jiangwu Cobalt industrial Co., Ltd.	China
20	CID003378	Jingmen GEM Co., Ltd.	China
21	CID003384	Ganzhou Highpower Technology Co., Ltd.	China
22	CID003390	NORILSK NICKEL HARJAVALTA OY	Finland
23	CID003398	New Era Group Zhejiang Zhongneng Cycle Technology Co., Ltd.	China
24	CID003404	Hunan Yacheng New Materials Co., Ltd.	China
25	CID003406	Murrin Murrin Nickel Cobalt Plant	Australia
26	CID003411	Hunan Zoomwe New Energy Science & Technology Co., Ltd.	China
27	CID003415	Cosmo EcoChem Co., Ltd.	Korea