

No	Metal	Smelter Name	Country	CFSF status	Recycling Status
1	Tantalum	Changsha South Tantalum Niobium Co., Ltd.	China	CFS	○
2	Tantalum	Conghua Tantalum and Niobium Smeltry	China	CFS	○
3	Tantalum	Duoluoshan	China	CFS	
4	Tantalum	Exotech Inc.	USA	CFS	○
5	Tantalum	F&X Electro-Materials Ltd.	China	CFS	○
6	Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	China	CFS	○
7	Tantalum	Hi-Temp Specialty Metals, Inc.	USA	CFS	
8	Tantalum	Jiujiang JinXin Nonferrous Metals Co., Ltd.	China	CFS	
9	Tantalum	Jiujiang Tanbre Co., Ltd.	China	CFS	○
10	Tantalum	King-Tan Tantalum Industry Ltd.	China	CFS	
11	Tantalum	LSM Brasil S.A.	Brazil	CFS	○
12	Tantalum	Metallurgical Products India Pvt., Ltd.	India	CFS	○
13	Tantalum	Mineração Taboca S.A.	Brazil	CFS	
14	Tantalum	Mitsui Mining & Smelting	Japan	CFS	○
15	Tantalum	Molycorp Silmet A.S.	Estonia	CFS	○
16	Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	China	CFS	○
17	Tantalum	QuantumClean	USA	CFS	○
18	Tantalum	RFH Tantalum Smeltry Co., Ltd.	China	CFS	○
19	Tantalum	Solikamsk Magnesium Works OAO	Russia	CFS	
20	Tantalum	Taki Chemical Co., Ltd.	Japan	CFS	○
21	Tantalum	Telex Metals	USA	CFS	○
22	Tantalum	Ulba Metallurgical Plant JSC	Kazakhstan	CFS	○
23	Tantalum	Zhuzhou Cemented Carbide Group Co., Ltd.	China	CFS	
24	Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.	China	CFS	
25	Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	China	CFS	○
26	Tantalum	D Block Metals, LLC	USA	CFS	○
27	Tantalum	FIR Metals & Resource Ltd.	China	CFS	○
28	Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	China	CFS	
29	Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	China	CFS	
30	Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	China	CFS	○
31	Tantalum	KEMET Blue Metals	Mexico	CFS	○
32	Tantalum	Plansee SE Liezen	Austria	CFS	
33	Tantalum	H.C. Starck Co., Ltd.	Thailand	CFS	○
34	Tantalum	H.C. Starck GmbH Goslar	Germany	CFS	○
35	Tantalum	H.C. Starck GmbH Laufenburg	Germany	CFS	
36	Tantalum	H.C. Starck Hermsdorf GmbH	Germany	CFS	
37	Tantalum	H.C. Starck Inc.	USA	CFS	○
38	Tantalum	H.C. Starck Ltd.	Japan	CFS	○
39	Tantalum	H.C. Starck Smelting GmbH & Co. KG	Germany	CFS	○
40	Tantalum	Plansee SE Reutte	Austria	CFS	
41	Tantalum	Global Advanced Metals Boyertown	USA	CFS	○
42	Tantalum	Global Advanced Metals Aizu	Japan	CFS	○
43	Tantalum	KEMET Blue Powder	USA	CFS	○
44	Tantalum	Tranzact, Inc.	USA	CFS	
45	Tantalum	Resind Indústria e Comércio Ltda.	Brazil	CFS	
46	Tantalum	Jiangxi Tuohong New Raw Material	China	CFS	
47	Tin	Gejiu Kai Meng Industry and Trade LLC	China	Active	○
48	Tin	Nankang Nanshan Tin Manufactory Co., Ltd.	China	Active	
49	Tin	PT Karimun Mining	Indonesia	Active	
50	Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	China	Active	○
51	Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	China	Active	○
52	Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	Vietnam	Active	
53	Tin	An Vinh Joint Stock Mineral Processing Company	Vietnam	Active	
54	Tin	PT O.M. Indonesia	Indonesia	Active	○
55	Tin	Gejiu Fengming Metallurgy Chemical Plant	China	Active	○
56	Tin	Modeltech Sdn Bhd	Malaysia	Active	
57	Tin	Gejiu Jinye Mineral Company	China	Active	○
58	Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	China	CFS	○
59	Tin	Jiangxi Ketai Advanced Material Co., Ltd.	China	CFS	
60	Tin	Alpha	USA	CFS	○
61	Tin	Cooperativa Metalurgica de Rondônia Ltda.	Brazil	CFS	
62	Tin	CV Gita Pesona	Indonesia	CFS	
63	Tin	PT Justindo	Indonesia	CFS	
64	Tin	PT Aries Kencana Sejahtera	Indonesia	CFS	
65	Tin	CV Serumpun Sebalai	Indonesia	CFS	
66	Tin	CV United Smelting	Indonesia	CFS	
67	Tin	Dowa	Japan	CFS	
68	Tin	EM Vinto	Bolivia	CFS	

69	Tin	Fenix Metals	Poland	CFS	○
70	Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	China	CFS	
71	Tin	China Tin Group Co., Ltd.	China	CFS	
72	Tin	Malaysia Smelting Corporation (MSC)	Malaysia	CFS	○
73	Tin	Metallic Resources, Inc.	USA	CFS	○
74	Tin	Mineração Taboca S.A.	Brazil	CFS	
75	Tin	Minsur	Perú	CFS	○
76	Tin	Mitsubishi Materials Corporation	Japan	CFS	○
77	Tin	O.M. Manufacturing (Thailand) Co., Ltd.	Thailand	CFS	○
78	Tin	Operaciones Metalurgical S.A.	Bolivia	CFS	○
79	Tin	PT Artha Cipta Langgeng	Indonesia	CFS	
80	Tin	PT Babel Inti Perkasa	Indonesia	CFS	
81	Tin	PT Bangka Tin Industry	Indonesia	CFS	
82	Tin	PT Belitung Industri Sejahtera	Indonesia	CFS	
83	Tin	PT Bukit Timah	Indonesia	CFS	
84	Tin	PT DS Jaya Abadi	Indonesia	CFS	
85	Tin	PT Eunindo Usaha Mandiri	Indonesia	CFS	
86	Tin	PT Mitra Stania Prima	Indonesia	CFS	
87	Tin	PT Panca Mega Persada	Indonesia	CFS	
88	Tin	PT Prima Timah Utama	Indonesia	CFS	
89	Tin	PT Refined Bangka Tin	Indonesia	CFS	
90	Tin	PT Sariwiguna Binasentosa	Indonesia	CFS	
91	Tin	PT Stanindo Inti Perkasa	Indonesia	CFS	
92	Tin	PT Sumber Jaya Indah	Indonesia	CFS	
93	Tin	PT Timah (Persero) Tbk Kundur	Indonesia	CFS	
94	Tin	PT Timah (Persero) Tbk Mentok	Indonesia	CFS	
95	Tin	PT Tinindo Inter Nusa	Indonesia	CFS	
96	Tin	PT Tommy Utama	Indonesia	CFS	
97	Tin	Rui Da Hung	Taiwan	CFS	○
98	Tin	Soft Metais Ltda.	Brazil	CFS	○
99	Tin	Thaisarco	Thailand	CFS	○
100	Tin	VQB Mineral and Trading Group JSC	Vietnam	CFS	
101	Tin	White Solder Metalurgia e Mineração Ltda.	Brazil	CFS	
102	Tin	Yunnan Tin Company Limited	China	CFS	○
103	Tin	CV Venus Inti Perkasa	Indonesia	CFS	
104	Tin	Magnu's Minerais Metais e Ligas Ltda.	Brazil	CFS	○
105	Tin	PT Wahana Perkit Jaya	Indonesia	CFS	
106	Tin	Melt Metais e Ligas S.A.	Brazil	CFS	
107	Tin	PT ATD Makmur Mandiri Jaya	Indonesia	CFS	
108	Tin	O.M. Manufacturing Philippines, Inc.	Philippines	CFS	○
109	Tin	PT Inti Stania Prima	Indonesia	CFS	
110	Tin	CV Ayi Jaya	Indonesia	CFS	
111	Tin	CV Dua Sekawan	Indonesia	CFS	
112	Tin	CV Tiga Sekawan	Indonesia	CFS	
113	Tin	PT Cipta Persada Mulia	Indonesia	CFS	
114	Tin	Resind Indústria e Comércio Ltda.	Brazil	CFS	
115	Tin	Metallo-Chimique N.V.	Belgium	CFS	○
116	Tin	Elmet S.L.U.	Spain	CFS	○
117	Tin	PT Bangka Prima Tin	Indonesia	CFS	
118	Tin	PT Sukses Inti Makmur	Indonesia	CFS	
119	Tin	PT Kijang Jaya Mandiri	Indonesia	CFS	
120	Tin	HuiChang Hill Tin Industry Co., Ltd.	China	CFS	
121	Tin	Guanyang Guida Nonferrous Metal Smelting Plant	China	CFS	
122	Tungsten	A.L.M.T. TUNGSTEN Corp.	Japan	CFS	○
123	Tungsten	Kennametal Huntsville	USA	CFS	○
124	Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	China	CFS	
125	Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	China	CFS	
126	Tungsten	Fujian Jinxin Tungsten Co., Ltd.	China	CFS	○
127	Tungsten	Global Tungsten & Powders Corp.	USA	CFS	○
128	Tungsten	Hunan Chenzhou Mining Co., Ltd.	China	CFS	
129	Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	China	CFS	
130	Tungsten	Japan New Metals Co., Ltd.	Japan	CFS	○
131	Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	China	CFS	
132	Tungsten	Kennametal Fallon	USA	CFS	○
133	Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	Vietnam	CFS	○
134	Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.	Vietnam	CFS	
135	Tungsten	Wolfram Bergbau und Hütten AG	Austria	CFS	○
136	Tungsten	Xiamen Tungsten Co., Ltd.	China	CFS	○
137	Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	China	CFS	

138	Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	China	CFS	○
139	Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	China	CFS	
140	Tungsten	Jiangxi Xincheng Tungsten Industry Co., Ltd.	China	CFS	
141	Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	China	CFS	
142	Tungsten	Malipo Haiyu Tungsten Co., Ltd.	China	CFS	
143	Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	China	CFS	○
144	Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	China	CFS	
145	Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	China	CFS	
146	Tungsten	Asia Tungsten Products Vietnam Ltd.	Vietnam	CFS	
147	Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	China	CFS	○
148	Tungsten	Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	China	CFS	
149	Tungsten	H.C. Starck GmbH	Germany	CFS	○
150	Tungsten	H.C. Starck Smelting GmbH & Co.KG	Germany	CFS	○
151	Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC	Vietnam	CFS	
152	Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	China	CFS	
153	Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	China	CFS	
154	Tungsten	Niagara Refining LLC	USA	CFS	○
155	Tungsten	Hydrometallurg, JSC	Russia	CFS	○
156	Tungsten	Unecha Refractory metals plant	Russia	CFS	○
157	Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City	China	CFS	
158	Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	China	CFS	
159	Tungsten	Woltech Korea Co., Ltd.	Korea	CFS	
160	Gold	Cendres + Métaux S.A.	Switzerland	Active	
161	Gold	Daejin Indus Co., Ltd.	Korea	Active	○
162	Gold	Metalor Technologies (Suzhou) Ltd.	China	Active	
163	Gold	Navoi Mining and Metallurgical Combinat	Uzbekistan	Active	
164	Gold	Geib Refining Corporation	USA	Active	○
165	Gold	KGHM Polska Miedz Spółka Akcyjna	Poland	Active	
166	Gold	Korea Zinc Co., Ltd.	Korea	Active	
167	Gold	Advanced Chemical Company	USA	CFS	○
168	Gold	Aida Chemical Industries Co., Ltd.	Japan	CFS	○
169	Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	Germany	CFS	
170	Gold	Almalyk Mining and Metallurgical Complex (AMMC)	Uzbekistan	CFS	
171	Gold	AngloGold Ashanti Córrego do Sítio Mineração	Brazil	CFS	
172	Gold	Argor-Heraeus S.A.	Switzerland	CFS	
173	Gold	Asahi Pretec Corp.	Japan	CFS	○
174	Gold	Asaka Riken Co., Ltd.	Japan	CFS	○
175	Gold	Aurubis AG	Germany	CFS	
176	Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Philippines	CFS	
177	Gold	Boliden AB	Sweden	CFS	
178	Gold	C. Hafner GmbH + Co. KG	Germany	CFS	
179	Gold	CCR Refinery - Glencore Canada Corporation	Canada	CFS	
180	Gold	Chimet S.p.A.	Italy	CFS	
181	Gold	DSC (Do Sung Corporation)	Korea	CFS	○
182	Gold	DODUCO GmbH	Germany	CFS	○
183	Gold	Dowa	Japan	CFS	○
184	Gold	Eco-System Recycling Co., Ltd.	Japan	CFS	○
185	Gold	OJSC Novosibirsk Refinery	Russia	CFS	
186	Gold	Heimerle + Meule GmbH	Germany	CFS	
187	Gold	Heraeus Ltd. Hong Kong	China	CFS	
188	Gold	Heraeus Precious Metals GmbH & Co. KG	Germany	CFS	
189	Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	China	CFS	
190	Gold	Ishifuku Metal Industry Co., Ltd.	Japan	CFS	
191	Gold	Istanbul Gold Refinery	Turkey	CFS	
192	Gold	Japan Mint	Japan	CFS	
193	Gold	Jiangxi Copper Co., Ltd.	China	CFS	
194	Gold	Asahi Refining USA Inc.	USA	CFS	
195	Gold	Asahi Refining Canada Ltd.	Canada	CFS	
196	Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	Russia	CFS	
197	Gold	JSC Uralelectromed	Russia	CFS	
198	Gold	JX Nippon Mining & Metals Co., Ltd.	Japan	CFS	
199	Gold	Kazzinc	Kazakhstan	CFS	
200	Gold	Kennecott Utah Copper LLC	USA	CFS	
201	Gold	Kojima Chemicals Co., Ltd.	Japan	CFS	○
202	Gold	Kyrgyzalтын JSC	Kyrgyzstan	CFS	
203	Gold	LS-NIKKO Copper Inc.	Korea	CFS	
204	Gold	Materion	USA	CFS	○
205	Gold	Matsuda Sangyo Co., Ltd.	Japan	CFS	
206	Gold	Metalor Technologies (Hong Kong) Ltd.	China	CFS	

207	Gold	Metalor Technologies (Singapore) Pte., Ltd.	Singapore	CFS	
208	Gold	Metalor Technologies S.A.	Switzerland	CFS	
209	Gold	Metalor USA Refining Corporation	USA	CFS	
210	Gold	Metalúrgica Met-Mex Peñoles S.A. De C.V.	Mexico	CFS	
211	Gold	Mitsubishi Materials Corporation	Japan	CFS	
212	Gold	Mitsui Mining and Smelting Co., Ltd.	Japan	CFS	
213	Gold	Moscow Special Alloys Processing Plant	Russia	CFS	
214	Gold	Nadir Metal Rafineri San. Ve Tic. A.Ş.	Turkey	CFS	
215	Gold	Nihon Material Co., Ltd.	Japan	CFS	
216	Gold	Elemetal Refining, LLC	USA	CFS	
217	Gold	Ohura Precious Metal Industry Co., Ltd.	Japan	CFS	○
218	Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	Russia	CFS	
219	Gold	PAMP S.A.	Switzerland	CFS	
220	Gold	Prioksky Plant of Non-Ferrous Metals	Russia	CFS	
221	Gold	PT Aneka Tambang (Persero) Tbk	Indonesia	CFS	
222	Gold	PX Précinox S.A.	Switzerland	CFS	
223	Gold	Rand Refinery (Pty) Ltd.	South Africa	CFS	
224	Gold	Royal Canadian Mint	Canada	CFS	
225	Gold	Samduck Precious Metals	Korea	CFS	○
226	Gold	Schone Edelmetaal B.V.	Netherland	CFS	
227	Gold	SEMPSA Joyería Platería S.A.	Spain	CFS	
228	Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	China	CFS	
229	Gold	Sichuan Tianze Precious Metals Co., Ltd.	China	CFS	
230	Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	Russia	CFS	
231	Gold	Solar Applied Materials Technology Corp.	Taiwan	CFS	○
232	Gold	Sumitomo Metal Mining Co., Ltd.	Japan	CFS	
233	Gold	Tanaka Kikinzoku Kogyo K.K.	Japan	CFS	
234	Gold	The Refinery of Shandong Gold Mining Co., Ltd.	China	CFS	
235	Gold	Tokuriki Honten Co., Ltd.	Japan	CFS	
236	Gold	Torecom	Korea	CFS	○
237	Gold	Umicore Brasil Ltda.	Brazil	CFS	
238	Gold	Umicore S.A. Business Unit Precious Metals Refining	Belgium	CFS	
239	Gold	United Precious Metal Refining, Inc.	USA	CFS	○
240	Gold	Valcambi S.A.	Switzerland	CFS	
241	Gold	Western Australian Mint trading as The Perth Mint	Australia	CFS	
242	Gold	Yamamoto Precious Metal Co., Ltd.	Japan	CFS	○
243	Gold	Yokohama Metal Co., Ltd.	Japan	CFS	○
244	Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	China	CFS	
245	Gold	Zijin Mining Group Co., Ltd. Gold Refinery	China	CFS	
246	Gold	Umicore Precious Metals Thailand	Thailand	CFS	
247	Gold	MMTC-PAMP India Pvt., Ltd.	India	CFS	
248	Gold	Republic Metals Corporation	USA	CFS	
249	Gold	Singway Technology Co., Ltd.	Taiwan	CFS	○
250	Gold	Emirates Gold DMCC	UAE	CFS	
251	Gold	T.C.A S.p.A	Italy	CFS	
252	Gold	SAXONIA Edelmetalle GmbH	Germany	CFS	○
253	Gold	WIELAND Edelmetalle GmbH	Germany	CFS	○
254	Gold	Ögussa Österreichische Gold- und Silber-Scheideanstalt GmbH	Austria	CFS	