List of the Smelters and Rifiners indentified in Renesas Group supply chain(CY2022)
ルネサスグループ　サプライチェーン上の精錬所／精製所（2022年度）

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No	Metal	Smelters or Refiners	Country / Region	RMAP*
1	Tungsten	A.L.M.T. Corp.	JAPAN	Conformant
2	Gold	Advanced Chemical Company	UNITED STATES OF AMERICA	Conformant
3	Gold	Aida Chemical Industries Co., Ltd.	JAPAN	Conformant
4	Gold	Agosi AG	GERMANY	Conformant
5	Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	Conformant
6	Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL	Conformant
7	Gold	Argor-Heraeus S.A.	SWITZERLAND	Conformant
8	Gold	Asahi Pretec Corp.	JAPAN	Conformant
9	Gold	Asaka Riken Co., Ltd.	JAPAN	Conformant
10	Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA	Conformant
11	Gold	Aurubis AG	GERMANY	Conformant
12	Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	Conformant
13	Gold	Boliden AB	SWEDEN	Conformant
14	Gold	C. Hafner GmbH + Co. KG	GERMANY	Conformant
15	Gold	CCR Refinery - Glencore Canada Corporation	CANADA	Conformant
16	Gold	Cendres + Metaux S.A.	SWITZERLAND	Conformant
17	Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA	Conformant
18	Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA	Conformant
19	Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	Conformant
20	Gold	Chimet S.p.A.	ITALY	Conformant
21	Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	Conformant
22	Gold	Chugai Mining	JAPAN	Conformant
23	Tantalum	Conghua Tantalum and Niobium Smeltry	CHINA	Conformant
24	Tin	Alpha	UNITED STATES OF AMERICA	Conformant
25	Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF	Conformant
26	Gold	DODUCO Contacts and Refining GmbH	GERMANY	Conformant
27	Gold	Dowa	JAPAN	Conformant
28	Tin	Dowa	JAPAN	Conformant
29	Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN	Conformant
30	Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)	Conformant
31	Tin	Estanho de Rondonia S.A.	BRAZIL	Conformant
32	Tantalum	F&X Electro-Materials Ltd.	CHINA	Conformant
33	Tin	Fenix Metals	POLAND	Conformant
34	Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	Conformant
35	Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	Conformant
36	Tungsten	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	Conformant
37	Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA	Conformant
38	Gold	LT Metal Ltd.	KOREA, REPUBLIC OF	Conformant
39	Gold	Heimerle + Meule GmbH	GERMANY	Conformant
40	Gold	Heraeus Metals Hong Kong Ltd.	CHINA	Conformant
41	Gold	Heraeus Germany GmbH Co. KG	GERMANY	Conformant
42	Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA	Conformant
43	Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	Conformant
44	Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA	Conformant
45	Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN	Conformant
46	Gold	Istanbul Gold Refinery	TURKEY	Conformant
47	Gold	Japan Mint	JAPAN	Conformant
48	Tungsten	Japan New Metals Co., Ltd.	JAPAN	Conformant
49	Gold	Jiangxi Copper Co., Ltd.	CHINA	Conformant
50	Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	Conformant
51	Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA	Conformant
52	Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA	Conformant
53	Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	Conformant
54	Gold	Asahi Refining Canada Ltd.	CANADA	Conformant
55	Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN	Conformant
56	Gold	Kazzinc	KAZAKHSTAN	Conformant
57	Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA	Conformant
58	Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	Conformant
59	Gold	Kojima Chemicals Co., Ltd.	JAPAN	Conformant
60	Tin	China Tin Group Co., Ltd.	CHINA	Conformant
61	Tantalum	AMG Brasil	BRAZIL	Conformant
62	Gold	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF	Conformant
63	Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA	Conformant
64	Gold	Materion	UNITED STATES OF AMERICA	Conformant
65	Gold	Matsuda Sangyo Co., Ltd.	JAPAN	Conformant
66	Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA	Conformant
67	Gold	Metalor Technologies (Suzhou) Ltd.	CHINA	Conformant
68	Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA	Conformant
69	Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE	Conformant
70	Gold	Metalor Technologies S.A.	SWITZERLAND	Conformant
71	Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA	Conformant

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72	Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	Conformant
73	Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA	Conformant
74	Tin	Mineracao Taboca S.A.	BRAZIL	Conformant
75	Tantalum	Mineracao Taboca S.A.	BRAZIL	Conformant
76	Tin	Minsur	PERU	Conformant
77	Gold	Mitsubishi Materials Corporation	JAPAN	Conformant
78	Tin	Mitsubishi Materials Corporation	JAPAN	Conformant
79	Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN	Conformant
80	Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN	Conformant
81	Tantalum	NPM Silmet AS	ESTONIA	Conformant
82	Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY	Conformant
83	Tin	Jiangxi New Nanshan Technology Ltd.	CHINA	Conformant
84	Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	Conformant
85	Gold	Nihon Material Co., Ltd.	JAPAN	Conformant
86	Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	Conformant
87	Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	Conformant
88	Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN	Conformant
89	Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)	Conformant
90	Gold	PAMP S.A.	SWITZERLAND	Conformant
91	Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA	Conformant
92	Tin	PT Artha Cipta Langgeng	INDONESIA	Conformant
93	Tin	PT Babel Inti Perkasa	INDONESIA	Conformant
94	Tin	PT Babel Surya Alam Lestari	INDONESIA	Conformant
95	Tin	PT Bukit Timah	INDONESIA	Conformant
96	Tin	PT Mitra Stania Prima	INDONESIA	Conformant
97	Tin	PT Prima Timah Utama	INDONESIA	Conformant
98	Tin	PT Refined Bangka Tin	INDONESIA	Conformant
99	Tin	PT Sariwiguna Binasentosa	INDONESIA	Conformant
100	Tin	PT Stanindo Inti Perkasa	INDONESIA	Conformant
101	Tin	PT Timah Tbk Kundur	INDONESIA	Conformant
102	Tin	PT Timah Tbk Mentok	INDONESIA	Conformant
103	Tin	PT Tinindo Inter Nusa	INDONESIA	Conformant
104	Gold	PX Precinox S.A.	SWITZERLAND	Conformant
105	Tantalum	QuantumClean	UNITED STATES OF AMERICA	Conformant
106	Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA	Conformant
107	Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA	Conformant
108	Gold	Royal Canadian Mint	CANADA	Conformant
109	Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA	Conformant
110	Gold	Samduck Precious Metals	KOREA, REPUBLIC OF	Conformant
111	Gold	SEMPSA Joyeria Plateria S.A.	SPAIN	Conformant
112	Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	Conformant
113	Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA	Conformant
114	Tin	Soft Metais Ltda.	BRAZIL	Conformant
115	Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	Conformant
116	Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN	Conformant
117	Tantalum	Taki Chemical Co., Ltd.	JAPAN	Conformant
118	Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN	Conformant
119	Tantalum	Telex Metals	UNITED STATES OF AMERICA	Conformant
120	Tin	Thaisarco	THAILAND	Conformant
121	Gold	Shandong Gold Smelting Co., Ltd.	CHINA	Conformant
122	Gold	Tokuriki Honten Co., Ltd.	JAPAN	Conformant
123	Gold	Torecom	KOREA, REPUBLIC OF	Conformant
124	Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN	Conformant
125	Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	Conformant
126	Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA	Conformant
127	Gold	Valcambi S.A.	SWITZERLAND	Conformant
128	Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	Conformant
129	Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	Conformant
130	Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA	Conformant
131	Tungsten	Xiamen Tungsten Co., Ltd.	CHINA	Conformant
132	Gold	Yamakin Co., Ltd.	JAPAN	Conformant
133	Gold	Yokohama Metal Co., Ltd.	JAPAN	Conformant
134	Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	Conformant
135	Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA	Conformant
136	Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	Conformant
137	Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	Conformant
138	Gold	SAFINA A.S.	CZECHIA	Conformant
139	Gold	Umicore Precious Metals Thailand	THAILAND	Conformant
140	Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	Conformant
141	Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA	Conformant
142	Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA	Conformant

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143	Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA	Conformant
144	Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA	Conformant
145	Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	Conformant
146	Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA	Conformant
147	Tin	CV Venus Inti Perkasa	INDONESIA	Active
148	Gold	Geib Refining Corporation	UNITED STATES OF AMERICA	Conformant
149	Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL	Conformant
150	Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA	Conformant
151	Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA	Conformant
152	Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM	Conformant
153	Tin	PT ATD Makmur Mandiri Jaya	INDONESIA	Conformant
154	Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA	Conformant
155	Tantalum	FIR Metals & Resource Ltd.	CHINA	Conformant
156	Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA	Conformant
157	Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA	Conformant
158	Gold	MMTC-PAMP India Pvt., Ltd.	INDIA	Conformant
159	Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND	Conformant
160	Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA	Conformant
161	Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA	Conformant
162	Gold	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA	Conformant
163	Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES	Conformant
164	Tantalum	KEMET de Mexico	MEXICO	Conformant
165	Tungsten	H.C. Starck Tungsten GmbH	GERMANY	Conformant
166	Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY	Conformant
167	Tungsten	Masan High-Tech Materials	VIET NAM	Conformant
168	Tantalum	TANIOBIS Co., Ltd.	THAILAND	Conformant
169	Tantalum	TANIOBIS GmbH	GERMANY	Conformant
170	Tantalum	H.C. Starck Hermsdorf GmbH	GERMANY	Conformant
171	Tantalum	H.C. Starck Inc.	UNITED STATES OF AMERICA	Conformant
172	Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN	Conformant
173	Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY	Conformant
174	Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA	Conformant
175	Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA	Conformant
176	Tantalum	Global Advanced Metals Aizu	JAPAN	Conformant
177	Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES	Conformant
178	Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES	Conformant
179	Gold	T.C.A S.p.A	ITALY	Conformant
180	Gold	REMONDIS PMR B.V.	NETHERLANDS	Conformant
181	Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA	Conformant
182	Tin	PT Rajehan Ariq	INDONESIA	Conformant
183	Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF	Conformant
184	Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN	Conformant
185	Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA	Conformant
186	Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.	CHINA	Conformant
187	Tin	PT Cipta Persada Mulia	INDONESIA	Conformant
188	Tin	Resind Industria e Comercio Ltda.	BRAZIL	Conformant
189	Tantalum	Resind Industria e Comercio Ltda.	BRAZIL	Conformant
190	Gold	SAAMP	FRANCE	Conformant
191	Gold	L'Orfebre S.A.	ANDORRA	Conformant
192	Gold	8853 S.p.A.	ITALY	Conformant
193	Gold	Italpreziosi	ITALY	Conformant
194	Tin	Metallo Belgium N.V.	BELGIUM	Conformant
195	Tin	Metallo Spain S.L.U.	SPAIN	Conformant
196	Gold	WIELAND Edelmetalle GmbH	GERMANY	Conformant
197	Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	Conformant
198	Tin	PT Sukses Inti Makmur	INDONESIA	Conformant
199	Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES	Conformant
200	Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA	Conformant
201	Tungsten	ACL Metais Eireli	BRAZIL	Conformant
202	Tin	Thai Nguyen Mining and Metallurgy Co., Ltd.	VIET NAM	Conformant
203	Tin	PT Menara Cipta Mulia	INDONESIA	Conformant
204	Tantalum	Jiangxi Tuohong New Raw Material	CHINA	Conformant
205	Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA	Conformant
206	Tungsten	Moliren Ltd.	RUSSIAN FEDERATION	Conformant
207	Gold	Bangalore Refinery	INDIA	Conformant
208	Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF	Conformant
209	Gold	Planta Recuperadora de Metales SpA	CHILE	Conformant
210	Gold	Safimet S.p.A	ITALY	Conformant
211	Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA	Conformant
212	Gold	NH Recytech Company	KOREA, REPUBLIC OF	Conformant
213	Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA	Conformant

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214	Tin	PT Bangka Serumpun	INDONESIA	Conformant
215	Tin	Tin Technology & Refining	UNITED STATES OF AMERICA	Conformant
216	Tin	Ma'anshan Weitai Tin Co., Ltd.	CHINA	Conformant
217	Tin	PT Rajawali Rimba Perkasa	INDONESIA	Conformant
218	Tin	Luna Smelter, Ltd.	RWANDA	Conformant
219	Tungsten	KGETS Co., Ltd.	KOREA, REPUBLIC OF	Conformant
220	Tungsten	Fujian Ganmin RareMetal Co., Ltd.	CHINA	Conformant
221	Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA	Conformant
222	Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN	Conformant
223	Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN	Conformant
224	Tin	PT Mitra Sukses Globalindo	INDONESIA	Conformant
225	Tungsten	Cronimet Brasil Ltda	BRAZIL	Conformant
226	Tin	CRM Synergies	SPAIN	Conformant
227	Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA	Conformant
228	Tin	Fabrica Auricchio Industria e Comercio Ltda.	BRAZIL	Conformant
229	Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	CHINA	Conformant
230	Tungsten	Fujian Xinlu Tungsten	CHINA	Conformant