Smelter List

Metal	Smelter Name	Country
Tantalum	5D Production OU	ESTONIA
Tantalum	AMG Brasil	BRAZIL
Tantalum	Avon Specialty Metals Ltd.	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA
Tantalum	CMT Rare Metal Advanced Materials (Hunan) Co., Ltd.	CHINA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	Exotech Inc.	UNITED STATES OF AMERICA
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	CHINA
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Jiangxi Suns Nonferrous Materials Co. Ltd.	CHINA
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Tantalum	Jiujiang Janny New Material Co., Ltd.	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	KEMET de Mexico	MEXICO
Tantalum	Materion Newton Inc.	UNITED STATES OF AMERICA
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tantalum	Mitsui Kinzoku Company, Limited	JAPAN
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	NPM Silmet AS	ESTONIA
Tantalum	Plansee SE	AUSTRIA
Tantalum	PowerX Ltd.	RWANDA
Tantalum	QSIL Metals Hermsdorf GmbH	GERMANY
Tantalum	QuantumClean	UNITED STATES OF AMERICA
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	RFH Recycling Metals Co., Ltd.	CHINA
Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	CHINA
Tantalum	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	TANIOBIS Co., Ltd.	THAILAND
Tantalum	TANIOBIS GmbH	GERMANY
Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	ULVAC Inc.	JAPAN
Tantalum	V&D New Materials (Jiangsu) Co., Ltd.	CHINA
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
Tantalum	XIMEI RESOURCES(GUIZHOU) TECHNOLOGY CO., LTD.	CHINA
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA
Tin	Alpha Assembly Solutions Inc	UNITED STATES OF AMERICA
Tin	An Vinh Joint Stock Mineral Processing Company	VIET NAM
Tin	Aurubis Beerse	BELGIUM
Tin	Aurubis Berango	SPAIN
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	BRAZIL
Tin	CRM Synergies	SPAIN
Tin	CV Ayi Jaya	INDONESIA
Tin	Dongguan Best Alloys Co., Ltd.	CHINA
Tin	Dongguan CiEXPO Environmental Engineering Co., Ltd.	CHINA
Tin	Dowa	JAPAN
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	VIET NAM
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Estanho de Rondonia S.A.	BRAZIL
Tin	Fabrica Auricchio Industria e Comercio Ltda.	BRAZIL
Tin	Feinhutte Halsbrucke GmbH	GERMANY
Tin	Fenix Metals	POLAND
Tin	Gejiu City Fuxiang Industry and Trade Co., Ltd.	CHINA
Tin	Gejiu Kai Meng Industry and Trade LLC	CHINA
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA

Metal	Smelter Name	Country
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA
Tin	Global Advanced Metals Greenbushes Pty Ltd.	AUSTRALIA
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA
Tin	Jean Goldschmidt International (JGI Hydrometal)	BELGIUM
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
Tin	Longnan Chuangyue Environmental Protection Technology Development Co., Ltd	CHINA
Tin	Luna Smelter, Ltd.	RWANDA
Tin	Ma'anshan Weitai Tin Co., Ltd.	CHINA
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
Tin	Malaysia Smelting Corporation Berhad (Port Klang)	MALAYSIA
Tin	Melt Metais e Ligas S.A.	BRAZIL
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Tin	Mineracao Taboca S.A.	BRAZIL
Tin	Mining Minerals Resources SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Tin	Minsur	PERU
Tin	Mitsubishi Materials Corporation	JAPAN
Tin	Modeltech Sdn Bhd	MALAYSIA
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM
Tin	Novosibirsk Tin Combine	RUSSIAN FEDERATION
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)
Tin	P Kay Metal, Inc	UNITED STATES OF AMERICA
Tin	Precious Minerals and Smelting Limited	INDIA
Tin	PT Aries Kencana Sejahtera	INDONESIA
Tin	PT Arsed Indonesia	INDONESIA
Tin	PT Artha Cipta Langgeng	INDONESIA
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tin	PT Bangka Prima Tin	INDONESIA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	PT Masbro Alam Stania	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT Mitra Sukses Globalindo	INDONESIA
Tin	PT Premium Tin Indonesia	INDONESIA
Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Tin	PT Rajehan Ariq	INDONESIA
Tin	PT Timah Tbk Kundur	INDONESIA
Tin	PT Timah Tbk Mentok	INDONESIA
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tin	Rian Resources SDN. BHD.	MALAYSIA
Tin	RIKAYAA GREENTECH PRIVATE LIMITED	INDIA
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Tin	Soft Metais Ltda.	BRAZIL
Tin	Super Ligas	BRAZIL
Tin	Takehara PVD Materials Plant / PVD Materials Division of MITSUI MINING & SMELTING CO., LTD.	JAPAN
Tin	Thaisarco	THAILAND
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
Tin	TRATHO Metal Quimica	BRAZIL
Tin	VQB Mineral and Trading Group JSC	VIET NAM
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tin	Woodcross Smelting Company Limited	UGANDA
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	A.L.M.T. Corp.	JAPAN
Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	BRAZIL
Tungsten	Artek LLC	RUSSIAN FEDERATION
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tungsten	Avon Specialty Metals Ltd.	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	CNMC (Guangxi) PGMA Co., Ltd.	CHINA
Tungsten	Cronimet Brasil Ltda	BRAZIL
Tungsten	Fujian Xinlu Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Ganzhou Sunny Non-Ferrous Metals Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA

Metal	Smelter Name	Country
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
Tungsten	Hunan Jintai New Material Co., Ltd.	CHINA
Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	CHINA
Tungsten	Hydrometallurg, JSC	RUSSIAN FEDERATION
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Jing Yuan Tungsten Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	JSC "Kirovgrad Hard Alloys Plant"	RUSSIAN FEDERATION
Tungsten	KENEE MINING VIETNAM COMPANY LIMITED	VIET NAM
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	LLC Vostok	RUSSIAN FEDERATION
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Masan High-Tech Materials	VIET NAM
Tungsten	Moliren Ltd.	RUSSIAN FEDERATION
Tungsten	Nam Viet Cromit Joint Stock Company	VIET NAM
Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
Tungsten	NPP Tyazhmetprom LLC	RUSSIAN FEDERATION
Tungsten	OOO "Technolom" 1	RUSSIAN FEDERATION
Tungsten	OOO "Technolom" 2	RUSSIAN FEDERATION
Tungsten	Philippine Bonway Manufacturing Industrial Corporation	PHILIPPINES
Tungsten	Philippine Carreytech Metal Corp.	PHILIPPINES
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
Tungsten	Plansee Composite Materials GmbH	GERMANY
Tungsten	S.P.T. spol.s r.o.	CZECHIA
Tungsten	Sanher Tungsten Vietnam Co., Ltd.	VIET NAM
Tungsten	Shinwon Tungsten (Fujian Shanghang) Co., Ltd.	CHINA
Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Tungamoy Metals Inc.	KOREA, REPUBLIC OF
Tungsten	Tungsten Vietnam Joint Stock Company	VIET NAM
Tungsten	Unecha Refractory metals plant	RUSSIAN FEDERATION
Tungsten	Uzbekistan Technological Metallurgical Complex JSC	UZBEKISTAN
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Tungsten	YUDU ANSHENG TUNGSTEN CO., LTD.	CHINA
Gold	8853 S.p.A.	ITALY
Gold	ABC Refinery Pty Ltd.	AUSTRALIA
Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA
Gold	African Gold Refinery	UGANDA
Gold	Agosi AG	GERMANY
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES
Gold	Albino Mountinho Lda.	PORTUGAL
Gold	Alexy Metals	UNITED STATES OF AMERICA
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
Gold	Argor-Heraeus S.A.	SWITZERLAND
Gold	ASAHI METALFINE, Inc.	JAPAN
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY
Gold	Attero Recycling Pvt Ltd	INDIA
Gold	AU Traders and Refiners	SOUTH AFRICA
Gold	Augmont Enterprises Private Limited	INDIA
Gold	Aurubis AG	GERMANY
Gold	Bangalore Refinery	INDIA
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden Mineral AB (Ronnskar)	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	Caridad	MEXICO
Gold	CCR Refinery - Glencore Canada Corporation	CANADA

Metal	Smelter Name	Country
Gold	Cendres + Metaux S.A.	SWITZERLAND
Gold	CGR Metalloys Pvt Ltd.	INDIA
Gold	Chimet S.p.A.	ITALY
Gold	Chugai Mining	JAPAN
Gold	Coimpa Industrial LTDA	BRAZIL
Gold	Daye Non-Ferrous Metals Mining Ltd.	CHINA
Gold	Degussa Sonne / Mond Goldhandel GmbH	GERMANY
Gold	Dijllah Gold Refinery FZC	UNITED ARAB EMIRATES
Gold	Dongwu Gold Group	CHINA
Gold	Dowa	JAPAN
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Gold	Elite Industech Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Gold	Emerald Jewel Industry India Limited (Unit 1)	INDIA
Gold	Emerald Jewel Industry India Limited (Unit 2)	INDIA
Gold	Emerald Jewel Industry India Limited (Unit 3)	INDIA
Gold	Emerald Jewel Industry India Limited (Unit 4)	INDIA
Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES
Gold	Fidelity Printers and Refiners Ltd.	ZIMBABWE
Gold	Fujairah Gold FZC	UNITED ARAB EMIRATES
Gold	Gasabo Gold Refinery Ltd	RWANDA
Gold	GG Refinery Ltd.	TANZANIA, UNITED REPUBLIC OF
Gold	GGC Gujrat Gold Centre Pvt. Ltd.	INDIA
Gold	Gold by Gold Colombia	COLOMBIA
Gold	Gold Coast Refinery	GHANA
Gold	Gold Corporation - The Perth Mint	AUSTRALIA
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Germany GmbH Co. KG	GERMANY
Gold	Heraeus Metals Hong Kong Ltd.	CHINA
Gold	Hunan Chenzhou Mining Co., Ltd.	CHINA
Gold	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	CHINA
Gold	HwaSeong CJ CO., LTD.	KOREA, REPUBLIC OF
Gold	Impala Platinum - Base Metal Refinery (BMR)	SOUTH AFRICA
Gold	Impala Platinum - Platinum Metals Refinery (PMR)	SOUTH AFRICA
Gold	Impala Platinum - Rustenburg Smelter	SOUTH AFRICA
Gold	Industrial Refining Company	BELGIUM
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	International Precious Metal Refiners	UNITED ARAB EMIRATES
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	Istanbul Gold Refinery	TURKEY
Gold	Italpreziosi	ITALY
Gold	JALAN & Company	INDIA
Gold	Japan Mint	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION
Gold	JSC Novosibirsk Refinery	RUSSIAN FEDERATION
Gold	JSC Uralelectromed	RUSSIAN FEDERATION
Gold	JX Advanced Metals Corporation	JAPAN
Gold	K.A. Rasmussen	NORWAY
Gold	Kaloti Precious Metals	UNITED ARAB EMIRATES
Gold	Kazakhmys Smelting LLC	KAZAKHSTAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	KP Sanghvi International Pvt Ltd	INDIA
Gold	Kundan Care Products Ltd.	INDIA
Gold	Kyrgyzaltyn JSC	KYRGYZSTAN
Gold	Kyshtym Copper-Electrolytic Plant ZAO	RUSSIAN FEDERATION
Gold	L'azurde Company For Jewelry	SAUDI ARABIA
Gold	Lingbao Gold Co., Ltd.	CHINA
Gold	L'Orfebre S.A.	ANDORRA
Gold	LS MnM Inc.	KOREA, REPUBLIC OF
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA
Gold	Marsam Metals	BRAZIL
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	MD Overseas	INDIA

Metal	Smelter Name	Country
Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
Gold	Metallix Refining Inc.	UNITED STATES OF AMERICA
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO
Gold	Minera Titan del Peru SRL (MTP) - Belen Plant	PERU
Gold	Mitsubishi Materials Corporation	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	MKS PAMP SA	SWITZERLAND
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	Modeltech Sdn Bhd	MALAYSIA
Gold	Morris and Watson	NEW ZEALAND
Gold	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	NH Recytech Company	KOREA, REPUBLIC OF
Gold	Nihon Material Co., Ltd.	JAPAN
Gold	NOBLE METAL SERVICES	UNITED STATES OF AMERICA
Gold	Oegussa Oesterreichische Gold- und Silber-Scheideanstalt Gesm.b.H.	AUSTRIA
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION
Gold	Pease & Curren	UNITED STATES OF AMERICA
Gold	Penglai Penggang Gold Industry Co., Ltd.	CHINA
Gold	Planta Recuperadora de Metales SpA	CHILE
Gold	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Gold	QG Refining, LLC	UNITED STATES OF AMERICA
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	REMONDIS PMR B.V.	NETHERLANDS
Gold	Royal Canadian Mint	CANADA
Gold	SAAMP	FRANCE
Gold	Sabin Metal Corp.	UNITED STATES OF AMERICA
Gold	Safimet S.p.A	ITALY
Gold	SAFINA A.S.	CZECHIA
Gold	SAM Precious Metals FZ-LLC	UNITED ARAB EMIRATES
Gold	Samduck Precious Metals	KOREA, REPUBLIC OF
Gold	Samwon Metals Corp.	KOREA, REPUBLIC OF
Gold	Sellem Industries Ltd.	MAURITANIA
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
Gold	Shandong Gold Smelting Co., Ltd.	CHINA
Gold	Shandong Humon Smelting Co., Ltd.	CHINA
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
Gold	Shenzhen CuiLu Gold Co., Ltd.	CHINA
Gold	SHENZHEN JINJUNWEI RESOURCE COMPREHENSIVE DEVELOPMENT CO., LTD.	CHINA
Gold	Shenzhen Zhonghenglong Real Industry Co., Ltd.	CHINA
Gold	Shirpur Gold Refinery Ltd.	INDIA
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
Gold	SOLEIL METALS (Chala One Plant)	PERU
Gold	SOLEIL METALS (YAKARI Plant)	PERU
Gold	Sovereign Metals	INDIA
Gold	State Research Institute Center for Physical Sciences and Technology	LITHUANIA
Gold	Sudan Gold Refinery	SUDAN
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Super Dragon Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Gold	T.C.A S.p.A	ITALY
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Gold	TITAN COMPANY LIMITED, JEWELLERY DIVISION	INDIA
Gold	Tokuriki Honten Co., Ltd.	JAPAN
Gold	Tongling Nonferrous Jinguan (Ausmelt) Copper Industry	CHINA
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Gold	Torecom	KOREA, REPUBLIC OF
Gold	Umicore Precious Metals Thailand	THAILAND
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA

Metal	Smelter Name	Country
Gold	Valcambi S.A.	SWITZERLAND
Gold	WEEEREFINING	FRANCE
Gold	WIELAND Edelmetalle GmbH	GERMANY
Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Gold	Yunnan Copper Industry Co., Ltd.	CHINA
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Zijin Mining Group Gold Smelting Co. Ltd.	CHINA
Cobalt	Advanced Materials Production Plant (Qingyuan Industrial Park)	CHINA
Cobalt	Anhui Hanrui New Material Co., Ltd.	CHINA
Cobalt	Attero Recycling Pvt Ltd	INDIA
Cobalt	Chemaf Etoile	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Chizhou CN New Materials and Technology Co., Ltd.	CHINA
Cobalt	CMOC Kisanfu Mining SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Compagnie de Tifnout Tiranimine	MOROCCO
Cobalt	Coral Bay Nickel Corporation (CBNC)	PHILIPPINES
Cobalt	Cosmo Chemical, Ltd.	KOREA, REPUBLIC OF
Cobalt	Dynatec Madagascar Company	MADAGASCAR
Cobalt	Ecopro Materials Co., Ltd.	KOREA, REPUBLIC OF
Cobalt	Eti Bakir A.S	TURKEY
Cobalt	Excellen Minerals SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Fairsky Industrial Co., Limited	CHINA
Cobalt	Fort Saskatchewan Metals Facility	CANADA
Cobalt	Fujian Evergreen New Energy Technology Co.	CHINA
Cobalt	Ganzhou Hanrui New Energy Technology Co., Ltd.	CHINA
Cobalt	Ganzhou Highpower Technology Co., Ltd.	CHINA
Cobalt	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	CHINA
Cobalt	GanZhou Yihao Umicore Industries Co., Ltd	CHINA
Cobalt	Gem (Jiangsu) Cobalt Industry Co., Ltd.	CHINA
Cobalt	GLC (Laos) Metal Co. Ltd	LAO PEOPLE'S DEMOCRATIC REPUBLIC
Cobalt	Glencore Nikkelverk AS	NORWAY
Cobalt	Guangdong Fangyuan New Materials Group Co., Ltd.	CHINA
Cobalt	Guangdong Jiana Energy Technology Co., Ltd.	CHINA
Cobalt	Guangxi CNGR New Energy Science & Technology Co., Ltd.	CHINA
Cobalt	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
Cobalt	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	CHINA
Cobalt	Guizhou Red Star Electronic Material Co., Ltd.	CHINA
Cobalt	Harima Refinery, Sumitomo Metal Mining	JAPAN
Cobalt	Hefei Rongjie Metal Technology Co., Ltd.	CHINA
Cobalt	Hunan Brunp Recycling Technology Co., Ltd.	CHINA
Cobalt	Hunan CNGR New Energy Science & Technology Co., Ltd.	CHINA
Cobalt	Hunan Jinxin New Material Holding Co., Ltd.	CHINA
Cobalt	Hunan Shiji Yintian New Material Co., Ltd.	CHINA
Cobalt	Hunan Yacheng New Energy Co., Ltd.	CHINA
Cobalt	ICoNiChem	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
Cobalt	Impala Platinum - Base Metal Refinery (BMR)	SOUTH AFRICA
Cobalt	Impala Platinum - Rustenburg Smelter	SOUTH AFRICA
Cobalt	Incasa S.A.	BRAZIL
Cobalt	Jervois Finland OY	FINLAND
Cobalt	Jiangmen Chancsun Umicore Industry Co.,Ltd	CHINA
Cobalt	Jiangsu Xiongfeng Technology Co., Ltd.	CHINA
Cobalt	Jiangxi Jiangwu Cobalt Industrial Co., Ltd.	CHINA
Cobalt	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	CHINA
Cobalt	Jiangxi Ruida New Energy Technology Co., Ltd.	CHINA
Cobalt	Jing Yuan Tungsten Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Cobalt	Jingmen GEM Co., Ltd.	CHINA
Cobalt	JSC Kolskaya Mining and Metallurgical Company (Kola MMC)	RUSSIAN FEDERATION
Cobalt	Kamoto Copper Company	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Kisanfu Mining (Kimin)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	LA MINIERE DE KASOMBO SAS	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	CHINA
Cobalt	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Cobalt	LOHUM CLEANTECH PVT LTD	INDIA
Cobalt	LUILU RESSOURCES SAS	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Mechema Chemicals (Thailand) Co., Ltd.	THAILAND
Cobalt	Mechema Chemicals shang-yu	CHINA
Cobalt	Mechema Korea, Co., Ltd.	KOREA, REPUBLIC OF
Cobalt	Mechema Taiwan Plant 1	TAIWAN, PROVINCE OF CHINA
Cobalt	Mechema Taiwan Plant 2	TAIWAN, PROVINCE OF CHINA
Cobalt	METAL MINES SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Mine de Bou-Azzer	MOROCCO

Metal	Smelter Name	Country
Cobalt	MKM - La Miniere de Kalumbwe Myunga	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	MMG Kinsevere SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
Cobalt	Mutanda Mining SPRL	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Nadezhda Metallurgical Plant of MMC Norilsk Nickel's Polar Division	RUSSIAN FEDERATION
Cobalt	Nam Viet Cromit Joint Stock Company	VIET NAM
Cobalt	Nantong Xinwei Nickel Cobalt Technology Development Co., Ltd.	CHINA
Cobalt	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
Cobalt	Ningbo Yanmen Chemical Co., Ltd.	CHINA
Cobalt	NORILSK NICKEL HARJAVALTA OY	FINLAND
Cobalt	Port Colborne Refinery	CANADA
Cobalt	Prony Resources New Caledonia	NEW CALEDONIA
Cobalt	PT Halmahera Persada Lygend	INDONESIA
Cobalt	PT HUAFEI NICKEL COBALT	INDONESIA
Cobalt	PT HUAYUE NICKEL COBALT	INDONESIA
Cobalt	PT Mechema Indonesia	INDONESIA
Cobalt	PT Obi Nickel Cobalt	INDONESIA
Cobalt	PT QMB New Energy Materials	INDONESIA
Cobalt	Quzhou Huayou Cobalt New Material Co., Ltd.	CHINA
Cobalt	Ruashi Mining SAS	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Shu Powders Africa (Pty) Ltd.	SOUTH AFRICA
Cobalt	Sichuan Jayson New Energy Technology Co., Ltd.	CHINA
Cobalt	SOCIETE MINIERE DU KATANGA (Lupoto Plant)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Societe pour le Traitment du Terril de Lubumbashi (STL)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	SungEel HiTech Co., Ltd.	KOREA, REPUBLIC OF
Cobalt	Taganito HPAL Nickel Corporation (THPAL)	PHILIPPINES
Cobalt	Tenke Fungurume Mining SA	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Umicore Finland Oy	FINLAND
Cobalt	Umicore Olen	BELGIUM
Cobalt	Uranus Chemicals	TAIWAN, PROVINCE OF CHINA
Cobalt	Vale - Long Harbour Processing Plant (LHPP)	CANADA
Cobalt	W&Q Metal Products Co., Limited	CHINA
Cobalt	XTC New Energy Materials (Xiamen) LTD.	CHINA
Cobalt	Yichang Brunp Contemporary Amperex Co., Ltd.	CHINA
Cobalt	Yichang Yihua-Brunp New Material Co., Ltd.	CHINA
Cobalt	Zhejiang Greatpower Cobalt Materials Co., Ltd.	CHINA
Cobalt	Zhejiang Huayou Cobalt Company Limited	CHINA
Cobalt	ZHEJIANG NEW ERA ZHONGNENG TECHNOLOGY CO., LTD.	CHINA
Cobalt	Zhejiang Power New Energy Materials Co., Ltd.	CHINA
Cobalt	Zhuhai Kelixin Metal Materials Co., Ltd.	CHINA
Mica	Arctic Minerals, LLC	UNITED STATES OF AMERICA
Mica	Baotou Fuguang Trading Co., Ltd. Guyang Branch	CHINA
Mica	Caolines de Vimianzo, SAU (aka CAVISA)	SPAIN
Mica	DARUKA INTERNATIONAL	INDIA
Mica	DARUKA MINCHEM PVT.LTD	INDIA
Mica	DARUKA MINERALS	INDIA
Mica	G. K. INTERNATIONAL	INDIA
Mica	HEBEI LINGSHOU COUNTY ZHONGKE MINERAL POWDER CO., LTD.	CHINA
Mica	Hunan Rongtai New Material Co., Ltd.	CHINA
Mica	Imerys Canada, Inc.	CANADA
Mica	Imerys Mica Kings Mountain, Inc.	UNITED STATES OF AMERICA
Mica	JSC "Sludyanaya Fabrika"	RUSSIAN FEDERATION
Mica	Kehui Mica Co., Ltd.	CHINA
Mica	LAXIM MINERALS CORPORATION	INDIA
Mica	Lingshou Huajing Mica Co., Ltd.	CHINA
Mica	LKAB Minerals Oy	FINLAND
Mica	Mica Electrical Material (Luhe) Co., Ltd.	CHINA
Mica	Minerals i Derivats, S.A.	SPAIN
Mica	MK Import Export	MADAGASCAR
Mica	Modi Mica Enterprises	INDIA
Mica	Nanjing Jinyun Mica Ltd.	CHINA
Mica	Pachisia & Co.	INDIA
Mica	Southeastern Performance Minerals, LLC	UNITED STATES OF AMERICA
Mica	SUBLIME MICA EXPORTS	INDIA
Mica	Super Market Fort Dauphin	MADAGASCAR
Mica	The Jai Mica Supply Co., PVT Ltd.	INDIA
Mica	VON ROLL BRAZIL LTDA	BRAZIL
Mica	Yamaguchi Mica	JAPAN
Mica	Yamaguchi Mica Co., Ltd. Shinshiro Factory	JAPAN
Mica	Yamaguchi Mica Co., Ltd. Toyohashi Factory	JAPAN