

ELECTRO SCIENTIFIC INDUSTRIES INC

FORM SD

(Specialized Disclosure Report)

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM SD SPECIALIZED DISCLOSURE REPORT

ELECTRO SCIENTIFIC INDUSTRIES, INC.

(Exact name of registrant as specified in its charter)

OREGON 0-12853
(State or other jurisdiction (Commission of incorporation) File Number)

13900 NW Science Park Drive, Portland, Oregon
(Address of principal executive offices)

Paul Oldham

503-641-4141

93-0370304 (IRS Employer

Identification No.)

97229

(Zip Code)

(Name and telephone number, including area code, of the person to contact in connection with this report)

Check the appropriate box to indicate the rule pursuant to which this form is being filed, and provide the period to which the information in this form applies:

▼ Rule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the reporting period from January 1 to December 31, 2016.

Section 1 - Conflict Minerals Disclosure

Electro Scientific Industries, Inc., including its subsidiaries (ESI), is a leading supplier of innovative laser-based manufacturing solutions for the microtechnology industry. Our advanced laser systems enable precise structuring of micron to submicron features in components and devices which are used in a wide variety of end products in the consumer electronics, computer, semiconductor, communications and other markets. These features enable our customers to achieve functionality, or improve yield and productivity in their manufacturing processes that can be critical to their profitability. Founded in 1944, ESI is headquartered in Portland, Oregon, with global operations and subsidiaries in Asia, Canada, Europe and the United States.

ESI has evaluated its product lines for the year ending December 31, 2016 in accordance with Rule 13p-1 under the Securities Exchange Act of 1934 and the Security and Exchange Commission's adopting release (collectively, the Rule), and in accordance with ESI's Conflict Minerals Policy Statement. That statement is also publicly available on our website at http://investors.esi.com/governance.cfm.

After ESI reviewed its product lines to make an initial determination of whether it manufactured or contracted to manufacture products as to which "conflict minerals" (as defined in the Rule) were necessary for the functionality or production of the product, ESI conducted a "reasonable country of origin inquiry" (RCOI) consistent with the Rule. ESI's RCOI employed a combination of measures to determine whether the necessary conflict minerals in its products originated from the Democratic Republic of the Congo and its adjoining countries (as defined in the Rule, Covered Countries). ESI's primary means of determining country of origin of necessary conflict minerals was by conducting a supply-chain survey with direct suppliers using the EICC/GeSI Conflict Minerals Reporting Template. To identify and assess risk in the supply chain, ESI reviewed those suppliers who provide the substantial majority of our components and whose products the Company believes are likely to contain conflict minerals. The components provided by these suppliers represented approximately 80% of component costs incurred by the Company during 2016. ESI conducted a survey of suppliers to determine whether conflict minerals necessary to the functionality or production of components contained in our products were or were not sourced from the DRC or other Covered Countries (as defined in the Rule). We utilized a third-party service provider to administer components of this due diligence with appropriate oversight by ESI. Additionally, ESI used the Conflict Free Smelter Initiative (CFSI) website (http://www.conflictfreesourcing.org/), smelter company websites and other online tools to provide additional country of origin information.

ESI has concluded that during calendar 2016:

- a. ESI has manufactured or contracted to manufacture products as to which conflict minerals are necessary to the functionality or production of ESI's products.
- b. Based on ESI's RCOI, ESI knows or has reason to believe that a portion of its necessary conflict minerals originated or may have originated in a Covered Country, and is unable to determine that those necessary conflict minerals did not come from recycled or scrap sources.

This Specialized Disclosure Report on Form SD associated Conflict Minerals Report are posted to ESI's Internet site at www.esi.com/sec.cfm.

Section 2 - Exhibits

Exhibit 1.01 - Conflict Minerals Report.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: May 31, 2017

Electro Scientific Industries, Inc.

By: /s/ Paul Oldham

Name: Paul Oldham

Title: Senior Vice President of Administration, Chief Financial Officer and Corporate Secretary

Electro Scientific Industries Inc. Conflict Minerals Report For The Year Ended December 31, 2016

Electro Scientific Industries Inc., collectively with its subsidiaries (ESI), presents this report for the year ended December 31, 2016 to comply with Rule 13p-1 under the Securities Exchange Act of 1934 and the Security and Exchange Commission's adopting release (the "Rule").

We have decided to conduct due diligence of our supply chain based on our (1) review of our product lines, (2) determination of which suppliers have a meaningful risk of supplying components that contain conflict minerals (as defined in the Rule) that are necessary to the functionality or production of the products we manufacture or contract to manufacture, and (3) reasonable country of origin inquiry described in our Specialized Disclosure Report to which this report accompanies.

Our due diligence measures have been designed to conform, in all material respects, with the framework in the Organization for Economic Co-operation and Development (OECD) Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas (OECD 2016 Framework) and related Supplements for gold, tantalum, tin and tungsten.

Our supply chain is complex and there are multiple tiers between ESI and the mines. We rely on our suppliers to provide information on the origin of the conflict minerals contained in components which are included in our products. To identify and assess risk in the supply chain, we engaged those suppliers who provide the substantial majority of our components or whose products we believe are likely to contain conflict minerals. The components provided by these suppliers represented approximately 80% of component costs incurred by us during 2016. We conducted a survey of suppliers to determine whether conflict minerals necessary to the functionality or production of components contained in our products were or were not sourced from the DRC or other Covered Countries (as defined in the Rule). We utilized a third-party service provider to administer components of this due diligence with appropriate oversight by ESI. The survey requested suppliers to provide the country of origin of any conflict minerals and the facilities used to process these minerals.

We received responses from approximately 90% of the suppliers surveyed containing the names and locations of smelters and refiners which process conflict minerals used in components provided by our suppliers. We reviewed and compared the responses with other information in our possession or publicly available and, where appropriate, made further inquiries of our suppliers. The initial and subsequent responses from suppliers did not contain sufficient information to determine the country of origin of all the conflict minerals in our products. Below is a summary of the information collected from all supply-chain survey respondents.

Conflict Mineral	Countries of origin may include the following
Tantalum	Democratic Republic of the Congo*
Tin	Democratic Republic of the Congo*
Tungsten	Indeterminate
Gold	Indeterminate

^{*}The reported tantalum and tin from the DRC was reported by smelters who have been audited and registered as conflict free by the Conflict Free Smelter Initiative (CFSI), which is internationally recognized for conflict free smelter audits.

The smelters and refiners identified by our suppliers are listed in Appendix A below.

Our products for which conflict minerals are necessary to the functionality or production include, but are not limited to, laser ablation products, laser processing system products, microfabrication products, laser component products, FPD repair & failure analysis products, LED wafer scriber products, laser fuse processing products, laser trimming products, vision products, wafer dicing products, wafer mark products, electrical tester products, inspection products, tooling products, pyroflex products and solar market application products.

We expect to take the following steps to mitigate the risk that the necessary conflict minerals in our products do not benefit armed groups in the Democratic Republic of Congo (DRC) or any Covered Countries, including:

- Attempting to increase the response rate of suppliers and improve the content of the responses.
- Attempting to validate supplier responses using information collected via independent conflict free smelter validation programs such as the EICC/GeSI Conflict Free Smelter Program.

Appendix A: Smelter and Refiner List

Metal	Smelter Name	Smelter Country	Smelter Identification
Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA	CID002708
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA	CID000015
Gold	Aida Chemical Industries Co., Ltd.	JAPAN	CID000019
Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES	CID002560
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY	CID000035
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	CID000041
Gold	AngloGold Ashanti Córrego do Sítio Mineração	BRAZIL	CID000058
Gold	Argor-Heraeus S.A.	SWITZERLAND	CID000077
Gold	Asahi Pretec Corp.	JAPAN	CID000082
Gold	Asahi Refining Canada Ltd.	CANADA	CID000924
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920
Gold	Asaka Riken Co., Ltd.	JAPAN	CID000090
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	CID000103
Gold	AU Traders and Refiners	SOUTH AFRICA	CID002850
Gold	AURA-II	UNITED STATES OF AMERICA	CID002851
Gold	Aurubis AG	GERMANY	CID000113
Gold	Bangalore Refinery	INDIA	CID002863
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CID000128
Gold	Boliden AB	SWEDEN	CID000157
Gold	C. Hafner GmbH + Co. KG	GERMANY	CID000176
Gold	Caridad	MEXICO	CID000180
Gold	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185
Gold	Cendres + Métaux S.A.	SWITZERLAND	CID000189
Gold	Chimet S.p.A.	ITALY	CID000233
Gold	Chugai Mining	JAPAN	CID000264
Gold	Daejin Indus Co., Ltd.	KOREA (REPUBLIC OF)	CID000328
Gold	Daye Non-Ferrous Metals Mining Ltd.	CHINA	CID000343
Gold	DODUCO GmbH	GERMANY	CID000362
Gold	Dowa	JAPAN	CID000401
Gold	DSC (Do Sung Corporation)	KOREA (REPUBLIC OF)	CID000359
Gold	Eco-System Recycling Co., Ltd.	JAPAN	CID000425
Gold	Elemetal Refining, LLC	UNITED STATES OF AMERICA	CID001322
Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES	CID002561
Gold	Fidelity Printers and Refiners Ltd.	ZIMBABWE	CID002515
Gold	Gansu Seemine Material Hi-Tech Co., Ltd.	CHINA	CID000522
Gold	Geib Refining Corporation	UNITED STATES OF AMERICA	CID002459
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	CID001909
Gold	Guangdong Jinding Gold Limited	CHINA	CID002312

Gold	Gujarat Gold Centre	INDIA	CID002852
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	CID000651
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA	CID000671
Gold	Heimerle + Meule GmbH	GERMANY	CID000694
Gold	Heraeus Ltd. Hong Kong	CHINA	CID000707
Gold	Heraeus Precious Metals GmbH & Co. KG	GERMANY	CID000711
Gold	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000767
Gold	HwaSeong CJ Co., Ltd.	KOREA (REPUBLIC OF)	CID000778
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA	CID000801
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN	CID000807
Gold	Istanbul Gold Refinery	TURKEY	CID000814
Gold	Japan Mint	JAPAN	CID000823
Gold	Jiangxi Copper Co., Ltd.	CHINA	CID000855
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION	CID000927
Gold	JSC Uralelectromed	RUSSIAN FEDERATION	CID000929
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937
Gold	Kaloti Precious Metals	UNITED ARAB EMIRATES	CID002563
Gold	Kazakhmys Smelting LLC	KAZAKHSTAN	CID000956
Gold	Kazzinc	KAZAKHSTAN	CID000957
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	CID000969
Gold	KGHM Polska MiedŸ Spó³ka Akcyjna	POLAND	CID002511
Gold	Kojima Chemicals Co., Ltd.	JAPAN	CID000981
Gold	Korea Zinc Co., Ltd.	KOREA (REPUBLIC OF)	CID002605
Gold	Kyrgyzaltyn JSC	KYRGYZSTAN	CID001029
Gold	L'azurde Company For Jewelry	SAUDI ARABIA	CID001032
Gold	Lingbao Gold Co., Ltd.	CHINA	CID001056
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA	CID001058
Gold	LS-NIKKO Copper Inc.	KOREA (REPUBLIC OF)	CID001078
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	CID001093
Gold	Materion	UNITED STATES OF AMERICA	CID001113
Gold	Matsuda Sangyo Co., Ltd.	JAPAN	CID001119
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA	CID001149
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE	CID001152
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA	CID001147
Gold	Metalor Technologies S.A.	SWITZERLAND	CID001153
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA	CID001157
Gold	Metalúrgica Met-Mex Peñoles S.A. De C.V.	MEXICO	CID001161
Gold	Mitsubishi Materials Corporation	JAPAN	CID001188
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA	CID002509
Gold	Modeltech Sdn Bhd	MALAYSIA	CID002857
Gold	Morris and Watson	NEW ZEALAND	CID002282

Gold	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	CID001204
Gold	Nadir Metal Rafineri San. Ve Tic. A.a.	TURKEY	CID00122
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	CID00123
Gold	Nihon Material Co., Ltd.	JAPAN	CID00125
Gold	Ögussa Österreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	CID002779
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN	CID00132
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION	CID00132
Gold	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	CID00049
Gold	PAMP S.A.	SWITZERLAND	CID00135
Gold	Penglai Penggang Gold Industry Co., Ltd.	CHINA	CID00136
Gold	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION	CID00138
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA	CID00139
Gold	PX Précinox S.A.	SWITZERLAND	CID00149
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA	CID00151
Gold	Remondis Argentia B.V.	NETHERLANDS	CID00258
Gold	Republic Metals Corporation	UNITED STATES OF AMERICA	CID00251
Gold	Royal Canadian Mint	CANADA	CID00153
Gold	SAAMP	FRANCE	CID00276
Gold	Sabin Metal Corp.	UNITED STATES OF AMERICA	CID00154
Gold	SAFINA A.S.	CZECH REPUBLIC	CID00229
Gold	Sai Refinery	INDIA	CID00285
Gold	Samduck Precious Metals	KOREA (REPUBLIC OF)	CID00155
Gold	Samwon Metals Corp.	KOREA (REPUBLIC OF)	CID00156
Gold	SAXONIA Edelmetalle GmbH	GERMANY	CID00277
Gold	Schone Edelmetaal B.V.	NETHERLANDS	CID00157
Gold	SEMPSA Joyería Platería S.A.	SPAIN	CID00158
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	CID00161
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID00162
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA	CID00173
Gold	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA	CID00251
Gold	So Accurate Group, Inc.	UNITED STATES OF AMERICA	CID00175
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	CID00175
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID00176
Gold	Sudan Gold Refinery	SUDAN	CID00256
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID00179
Gold	T.C.A S.p.A	ITALY	CID00258
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID00187
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	CID00191

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Gold United Precious Metal Refining, Inc. UNITED STATES OF AMERICA CID001993 Gold Universal Precious Metals Refining Zambia ZAMBIA CID002854 Gold Valcambi S.A. SWITZERLAND CID002003 Gold Western Australian Mint trading as The Perth Mint AUSTRALIA CID002003 Gold WELAND Edelmetalle GmbH GERMANY CID002778 Gold Yamamoto Precious Metal Co., Ltd. JAPAN CID002109 Gold Yokohama Metal Co., Ltd. JAPAN CID002109 Gold Yunan Copper Industry Co., Ltd. JAPAN CID002109 Gold Zhongyuan Gold Smelter of Zhongjin Gold Corporation CHINA CID002109 Gold Zhongyuan Gold Smelter of Zhongjin Gold Corporation CHINA CID002224 Gold Zjin Mining Group Co., Ltd. Gold Refinery CHINA CID002213 Tantalum Changsha South Tantalum Niobium Co., Ltd. CHINA CID000211 Tantalum Conghua Tantalum and Niobium Smeltry CHINA CID002214 Tantalum Duoluoshan CHINA CID002514 Tantalum E.S.R. Electronics UNITED STATES OF AMERICA CID002504 Tantalum E.S.R. Electronics UNITED STATES OF AMERICA CID00410 Tantalum F&X Electro-Materials Ltd. CHINA CID00460 Tantalum Fir Metals & Resource Ltd. CHINA CID004558 Tantalum Global Advanced Metals Aizu JAPAN CID002558 Tantalum Global Advanced Metals Aizu JAPAN CID002558 Tantalum H.C. Starck Go., Ltd. THAILAND CID002545 Tantalum H.C. Starck GombH Goslar GERMANY CID002547 Tantalum H.C. Starck GmbH Goslar GERMANY CID002547 Tantalum H.C. Starck Hernsdorf GmbH GERMANY CID002547 Tantalum H.C. Starck Hernsdorf GmbH GERMANY CID002545 Tantalum H.C. Starck Hernsdorf GmbH GERMANY CID002545 Tantalum H.C. Starck Hernsdorf GmbH GERMANY CID002545 Tantalum H.C. Starck Ltd. JAPAN CID002545 Tantalum H.C. Starck Ltd. JAPAN CID002545 Tantalum H.C. Starck Ltd. JAPAN CID002545 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002545 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002545	Gold	Umicore Precious Metals Thailand	THAILAND	CID002314
Gold Universal Precious Metals Refining Zambia ZAMBIA CID002854 Gold Valcambi S.A. SWITZERLAND CID002003 Gold Western Australian Mint trading as The Perth Mint AUSTRALIA CID002030 Gold WIELAND Edelmetalle GmbH GERMANY CID002778 Gold Yamamoto Precious Metal Co., Ltd. JAPAN CID002109 Gold Yokohama Metal Co., Ltd. JAPAN CID002109 Gold Yokohama Metal Co., Ltd. JAPAN CID002109 Gold Zhongyuan Gold Smelter of Zhongjin Gold Corporation CHINA CID002129 Gold Zhongyuan Gold Smelter of Zhongjin Gold Corporation CHINA CID002224 Gold Zijin Mining Group Co., Ltd. Gold Refinery CHINA CID002212 Tantalum Conghua Tantalum Niobium Co., Ltd. CHINA CID002213 Tantalum Conghua Tantalum and Niobium Smeltry CHINA CID002211 Tantalum Duoluoshan CHINA CID00291 Tantalum Duoluoshan CHINA CID002504 Tantalum E.S.R. Electronics UNITED STATES OF AMERICA CID002504 Tantalum F&X Electro-Materials Ltd. CHINA CID00460 Tantalum Fin Metals & Resource Ltd. CHINA CID00456 Tantalum Fin Metals & Resource Ltd. CHINA CID002558 Tantalum Global Advanced Metals Aizu JAPAN CID002558 Tantalum H.C. Starck GmbH Goslar GERMANY CID002545 Tantalum H.C. Starck GmbH Goslar GERMANY CID002546 Tantalum H.C. Starck GmbH Laufenburg GERMANY CID002547 Tantalum H.C. Starck Hermsdorf GmbH GERMANY CID002549 Tantalum H.C. Starck Hermsdorf GmbH GERMANY CID002549 Tantalum H.C. Starck Ltd. JAPAN CID002558 Tantalum H.C. Starck Methinsdorf GmbH GERMANY CID002546 Tantalum H.C. Starck Methinsdorf GmbH GERMANY CID002545 Tantalum H.C. Starck Methinsdorf GmbH GERMANY CID002546 Tantalum H.C. Starck Methinsdorf GmbH GERMANY CID002545 Tantalum H.C. Starck Ltd. JAPAN CID002549 Tantalum H.C. Starck Ltd. JAPAN CID002540 Tantalum H.C. Starck Ltd. JAPAN CID002540	Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980
Gold Valcambi S.A. SWITZERLAND CID002003 Gold Western Australian Mint trading as The Perth Mint AUSTRALIA CID002030 Gold WIELAND Edelmetalle GmbH GERMANY CID002778 Gold Yamamoto Precious Metal Co., Ltd. JAPAN CID002129 Gold Yokohama Metal Co., Ltd. JAPAN CID002129 Gold Yunnan Copper Industry Co., Ltd. CHINA CID002129 Gold Zhongyuan Gold Smelter of Zhongjin Gold Corporation CHINA CID002243 Gold Zijin Mining Group Co., Ltd. Gold Refinery CHINA CID002243 Gold Zijin Mining Group Co., Ltd. Gold Refinery CHINA CID002214 Gold Zijin Mining Group Co., Ltd. Gold Refinery CHINA CID002121 Tantalum Changsha South Tantalum Niobium Co., Ltd. CHINA CID000211 Tantalum D Block Metals, LLC UNITED STATES OF AMERICA CID002504 Tantalum Es.S.R. Electronics UNITED STATES OF AMERICA CID002504 Tantalum Exotech Inc. UNITED STATES OF AMERICA CID00456 Tantalum F&X Electro-Materials Ltd. CHINA CID00460 Tantalum FRM Metals & Resource Ltd. CHINA CID002558 Tantalum Global Advanced Metals Aizu JAPAN CID002555 Tantalum Global Advanced Metals Boyertown UNITED STATES OF AMERICA CID002557 Tantalum Guangdong Zhiyuan New Material Co., Ltd. CHINA CID002544 Tantalum H.C. Starck GmbH Goslar GERMANY CID002545 Tantalum H.C. Starck GmbH Goslar GERMANY CID002545 Tantalum H.C. Starck GmbH Laufenburg GERMANY CID002545 Tantalum H.C. Starck Ltd. JAPAN CID002545 Tantalum H.C. Starck Ltd. UNITED STATES OF AMERICA CID002545 Tantalum H.C. Starck Ltd. JAPAN CID002545 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002545 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002545 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002545	Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA	CID001993
GoldWestern Australian Mint trading as The Perth MintAUSTRALIACID002030GoldWIELAND Edelmetalle GmbHGERMANYCID002178GoldYamamoto Precious Metal Co., Ltd.JAPANCID002100GoldYokohama Metal Co., Ltd.JAPANCID002129GoldYunnan Copper Industry Co., Ltd.CHINACID002129GoldZhongyuan Gold Smelter of Zhongjin Gold CorporationCHINACID002243GoldZijin Mining Group Co., Ltd. Gold RefineryCHINACID002243TantalumChangsha South Tantalum Niobium Co., Ltd.CHINACID000211TantalumConghua Tantalum and Niobium SmeltryCHINACID000251TantalumD Block Metals, LLCUNITED STATES OF AMERICACID002504TantalumE.S.R. ElectronicsUNITED STATES OF AMERICACID002504TantalumExotech Inc.UNITED STATES OF AMERICACID002505TantalumF&X Electro-Materials Ltd.CHINACID000456TantalumFilk Metals & Resource Ltd.CHINACID002505TantalumGlobal Advanced Metals AizuJAPANCID002558TantalumGlobal Advanced Metals DoyertownUNITED STATES OF AMERICACID002557TantalumH.C. Starck GmbH GoslarGERMANYCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002545TantalumH.C. Starck Ltd.UNITED STATES OF AMERICACID002546TantalumH.C. Starck L	Gold	Universal Precious Metals Refining Zambia	ZAMBIA	CID002854
Gold WIELAND Edelmetalle GmbH GERMANY CID002778 Gold Yamamoto Precious Metal Co., Ltd. JAPAN CID002100 Gold Yokohama Metal Co., Ltd. JAPAN CID002129 Gold Yunnan Copper Industry Co., Ltd. CHINA CID000197 Gold Zhongyuan Gold Smelter of Zhongjin Gold Corporation CHINA CID002224 Gold Zijin Mining Group Co., Ltd. Gold Refinery CHINA CID002243 Tantalum Changsha South Tantalum Niobium Co., Ltd. CHINA CID002214 Tantalum Congbua Tantalum and Niobium Smeltry CHINA CID002214 Tantalum Delouch Tantalum Niobium Smeltry CHINA CID00211 Tantalum Duoluoshan CHINA CID0002504 Tantalum E.S.R. Electronics UNITED STATES OF AMERICA CID00410 Tantalum E.S.R. Electronics UNITED STATES OF AMERICA CID00456 Tantalum Exotech Inc. UNITED STATES OF AMERICA CID00456 Tantalum Global Advanced Metals Aizu JAPAN CID004505 Tantalum Global Advanced Metals Aizu JAPAN CID002505 Tantalum Guangdong Zhiyuan New Material Co., Ltd. CHINA CID000616 Tantalum H.C. Starck GmbH Goslar GERMANY CID002545 Tantalum H.C. Starck GmbH Goslar GERMANY CID002545 Tantalum H.C. Starck Hermsdorf GmbH GERMANY CID002545 Tantalum H.C. Starck Ltd. UNITED STATES OF AMERICA CID002546 Tantalum H.C. Starck Ltd. JAPAN CID002546 Tantalum H.C. Starck Ltd. THAILAND CID002546 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002547 Tantalum H.C. Starck Ltd. JAPAN CID002547 Tantalum H.C. Starck Ltd. JAPAN CID002547 Tantalum H.C. Starck Ltd. JAPAN CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549	Gold	Valcambi S.A.	SWITZERLAND	CID002003
Gold Yamamoto Precious Metal Co., Ltd. Gold Yokohama Metal Co., Ltd. JAPAN CID002120 Gold Yokohama Metal Co., Ltd. JAPAN CID002129 Gold Yunnan Copper Industry Co., Ltd. CHINA CID000197 Gold Zhongyuan Gold Smelter of Zhongjin Gold Corporation CHINA CID002224 Gold Zijin Mining Group Co., Ltd. Gold Refinery CHINA CID002243 Tantalum Changsha South Tantalum Niobium Co., Ltd. CHINA CID000211 Tantalum Conghua Tantalum and Niobium Smeltry CHINA CID0002501 Tantalum D Block Metals, LLC UNITED STATES OF AMERICA CID002504 Tantalum E.S.R. Electronics UNITED STATES OF AMERICA CID002504 Tantalum Exotech Inc. UNITED STATES OF AMERICA CID002504 Tantalum F&X Electro-Materials Ltd. CHINA CID000466 Tantalum Global Advanced Metals Aizu JAPAN CID002505 Tantalum Global Advanced Metals Boyertown UNITED STATES OF AMERICA CID002558 Tantalum Guangdong Zhiyuan New Material Co., Ltd. THAILAND CID00254 Tantalum H.C. Starck GmbH Goslar GERMANY CID002545 Tantalum H.C. Starck GmbH Laufenburg GERMANY CID002545 Tantalum H.C. Starck Hermsdorf GmbH GERMANY CID002545 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG	Gold	Western Australian Mint trading as The Perth Mint	AUSTRALIA	CID002030
GoldYokohama Metal Co., Ltd.JAPANCID002129GoldYunnan Copper Industry Co., Ltd.CHINACID000197GoldZhongyuan Gold Smelter of Zhongjin Gold CorporationCHINACID002224GoldZijin Mining Group Co., Ltd. Gold RefineryCHINACID002243TantalumChangsha South Tantalum Niobium Co., Ltd.CHINACID000211TantalumConghua Tantalum and Niobium SmeltryCHINACID0002501TantalumD Block Metals, LLCUNITED STATES OF AMERICACID002504TantalumDuoluoshanCHINACID000410TantalumE.S.R. ElectronicsUNITED STATES OF AMERICACID002590TantalumExotech Inc.UNITED STATES OF AMERICACID000456TantalumF&X Electro-Materials Ltd.CHINACID000460TantalumFIR Metals & Resource Ltd.CHINACID002505TantalumGlobal Advanced Metals AizuJAPANCID002558TantalumGlobal Advanced Metals BoyertownUNITED STATES OF AMERICACID002557TantalumGuangdong Zhiyuan New Material Co., Ltd.CHINACID002547TantalumH.C. Starck Co., Ltd.THAILANDCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002544TantalumH.C. Starck GmbH LaufenburgGERMANYCID002547TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002548TantalumH.C. Starck Smelting GmbH & Co. KG <td< td=""><td>Gold</td><td>WIELAND Edelmetalle GmbH</td><td>GERMANY</td><td>CID002778</td></td<>	Gold	WIELAND Edelmetalle GmbH	GERMANY	CID002778
GoldYunnan Copper Industry Co., Ltd.CHINACID000197GoldZhongyuan Gold Smelter of Zhongjin Gold CorporationCHINACID002224GoldZijin Mining Group Co., Ltd. Gold RefineryCHINACID002243TantalumChangsha South Tantalum Niobium Co., Ltd.CHINACID000211TantalumConghua Tantalum and Niobium SmeltryCHINACID000291TantalumD Block Metals, LLCUNITED STATES OF AMERICACID002504TantalumDuoluoshanCHINACID000410TantalumE.S.R. ElectronicsUNITED STATES OF AMERICACID002590TantalumExotech Inc.UNITED STATES OF AMERICACID000456TantalumF&X Electro-Materials Ltd.CHINACID000456TantalumFIR Metals & Resource Ltd.CHINACID0002505TantalumGlobal Advanced Metals AizuJAPANCID002557TantalumGlobal Advanced Metals BoyertownUNITED STATES OF AMERICACID002557TantalumH.C. Starck Co., Ltd.CHINACID0002557TantalumH.C. Starck GoldCHINACID0002557TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002547TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANY<	Gold	Yamamoto Precious Metal Co., Ltd.	JAPAN	CID002100
GoldZhongyuan Gold Smelter of Zhongjin Gold CorporationCHINACID002224GoldZijin Mining Group Co., Ltd. Gold RefineryCHINACID002243TantalumChangsha South Tantalum Niobium Co., Ltd.CHINACID000211TantalumConghua Tantalum and Niobium SmeltryCHINACID000291TantalumD Block Metals, LLCUNITED STATES OF AMERICACID002504TantalumDuoluoshanCHINACID000410TantalumE.S.R. ElectronicsUNITED STATES OF AMERICACID002590TantalumExotech Inc.UNITED STATES OF AMERICACID000456TantalumFix Metals & Resource Ltd.CHINACID000460TantalumFIR Metals & Resource Ltd.CHINACID002505TantalumGlobal Advanced Metals AizuJAPANCID002557TantalumGlobal Advanced Metals BoyertownUNITED STATES OF AMERICACID002557TantalumH.C. Starck Co., Ltd.CHINACID0002557TantalumH.C. Starck GoldTHAILANDCID0002547TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002549	Gold	Yokohama Metal Co., Ltd.	JAPAN	CID002129
Gold Zijin Mining Group Co., Ltd. Gold Refinery CHINA CID002243 Tantalum Changsha South Tantalum Niobium Co., Ltd. CHINA CID000211 Tantalum Conghua Tantalum and Niobium Smeltry CHINA CID000291 Tantalum D Block Metals, LLC UNITED STATES OF AMERICA CID002504 Tantalum Duoluoshan CHINA CID000410 Tantalum E.S.R. Electronics UNITED STATES OF AMERICA CID002590 Tantalum Exotech Inc. UNITED STATES OF AMERICA CID000456 Tantalum F&X Electro-Materials Ltd. CHINA CID000460 Tantalum FIR Metals & Resource Ltd. CHINA CID0002505 Tantalum Global Advanced Metals Aizu JAPAN CID002558 Tantalum Global Advanced Metals Boyertown UNITED STATES OF AMERICA CID0002557 Tantalum Guangdong Zhiyuan New Material Co., Ltd. CHINA CID000616 Tantalum H.C. Starck GmbH Goslar GERMANY CID002545 Tantalum H.C. Starck GmbH Laufenburg GERMANY CID002547 Tantalum H.C. Starck Hermsdorf GmbH GERMANY CID002548 Tantalum H.C. Starck Ltd. JAPAN CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG	Gold	Yunnan Copper Industry Co., Ltd.	CHINA	CID000197
TantalumChangsha South Tantalum Niobium Co., Ltd.CHINACID000211TantalumConghua Tantalum and Niobium SmeltryCHINACID000291TantalumD Block Metals, LLCUNITED STATES OF AMERICACID002504TantalumDuoluoshanCHINACID000410TantalumE.S.R. ElectronicsUNITED STATES OF AMERICACID002590TantalumExotech Inc.UNITED STATES OF AMERICACID000456TantalumF&X Electro-Materials Ltd.CHINACID000460TantalumFIR Metals & Resource Ltd.CHINACID002505TantalumGlobal Advanced Metals AizuJAPANCID002558TantalumGlobal Advanced Metals BoyertownUNITED STATES OF AMERICACID002557TantalumGuangdong Zhiyuan New Material Co., Ltd.CHINACID000616TantalumH.C. Starck Co., Ltd.THAILANDCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Ltd.JAPANCID002548TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACHINACID002549	Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
TantalumConghua Tantalum and Niobium SmeltryCHINACID000291TantalumD Block Metals, LLCUNITED STATES OF AMERICACID002504TantalumDuoluoshanCHINACID000410TantalumE.S.R. ElectronicsUNITED STATES OF AMERICACID002590TantalumExotech Inc.UNITED STATES OF AMERICACID000456TantalumFix Metals & Resource Ltd.CHINACID000460TantalumFix Metals & Resource Ltd.CHINACID002505TantalumGlobal Advanced Metals AizuJAPANCID002558TantalumGlobal Advanced Metals BoyertownUNITED STATES OF AMERICACID002557TantalumGuangdong Zhiyuan New Material Co., Ltd.CHINACID000616TantalumH.C. Starck Grobh GoslarGERMANYCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACHINACID002492	Gold	Zijin Mining Group Co., Ltd. Gold Refinery	CHINA	CID002243
Tantalum D Block Metals, LLC UNITED STATES OF AMERICA CID002504 Tantalum Duoluoshan CHINA CID000410 Tantalum E.S.R. Electronics UNITED STATES OF AMERICA CID002590 Tantalum Exotech Inc. UNITED STATES OF AMERICA CID000460 Tantalum F&X Electro-Materials Ltd. CHINA CID002505 Tantalum FIR Metals & Resource Ltd. CHINA CID002505 Tantalum Global Advanced Metals Aizu JAPAN CID002557 Tantalum Global Advanced Metals Boyertown UNITED STATES OF AMERICA CID002557 Tantalum Guangdong Zhiyuan New Material Co., Ltd. CHINA CID000616 Tantalum H.C. Starck Co., Ltd. THAILAND CID002544 Tantalum H.C. Starck GmbH Goslar GERMANY CID002545 Tantalum H.C. Starck GmbH Laufenburg GERMANY CID002546 Tantalum H.C. Starck Inc. UNITED STATES OF AMERICA CID002547 Tantalum H.C. Starck Inc. UNITED STATES OF AMERICA CID002547 Tantalum H.C. Starck Inc. UNITED STATES OF AMERICA CID002548 Tantalum H.C. Starck Inc. UNITED STATES OF AMERICA CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549 Tantalum Hengyang King Xing Lifeng New Materials Co., Ltd. CHINA CID002549	Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA	CID000211
Tantalum Duoluoshan CHINA CID000410 Tantalum E.S.R. Electronics UNITED STATES OF AMERICA CID002590 Tantalum Exotech Inc. UNITED STATES OF AMERICA CID000456 Tantalum F&X Electro-Materials Ltd. CHINA CID000460 Tantalum FIR Metals & Resource Ltd. CHINA CID002505 Tantalum Global Advanced Metals Aizu JAPAN CID002558 Tantalum Global Advanced Metals Boyertown UNITED STATES OF AMERICA CID002557 Tantalum Guangdong Zhiyuan New Material Co., Ltd. CHINA CID000616 Tantalum H.C. Starck Co., Ltd. THAILAND CID002544 Tantalum H.C. Starck GmbH Goslar GERMANY CID002545 Tantalum H.C. Starck GmbH Laufenburg GERMANY CID002547 Tantalum H.C. Starck Hermsdorf GmbH GERMANY CID002547 Tantalum H.C. Starck Inc. UNITED STATES OF AMERICA CID002548 Tantalum H.C. Starck Inc. UNITED STATES OF AMERICA CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002550 Tantalum Hengyang King Xing Lifeng New Materials Co., Ltd. CHINA CID002549	Tantalum	Conghua Tantalum and Niobium Smeltry	CHINA	CID000291
Tantalum E.S.R. Electronics UNITED STATES OF AMERICA CID002590 Tantalum Exotech Inc. UNITED STATES OF AMERICA CID000456 Tantalum F&X Electro-Materials Ltd. CHINA CID000460 Tantalum FIR Metals & Resource Ltd. CHINA CID002505 Tantalum Global Advanced Metals Aizu JAPAN CID002558 Tantalum Global Advanced Metals Boyertown UNITED STATES OF AMERICA CID002557 Tantalum Guangdong Zhiyuan New Material Co., Ltd. CHINA CID000616 Tantalum H.C. Starck Co., Ltd. THAILAND CID002544 Tantalum H.C. Starck GmbH Goslar GERMANY CID002545 Tantalum H.C. Starck GmbH Laufenburg GERMANY CID002547 Tantalum H.C. Starck Hermsdorf GmbH GERMANY CID002547 Tantalum H.C. Starck Inc. UNITED STATES OF AMERICA CID002548 Tantalum H.C. Starck Ltd. JAPAN CID002549 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002550 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002550 Tantalum H.C. Starck Smelting GmbH & Co. KG GERMANY CID002550 Tantalum Hengyang King Xing Lifeng New Materials Co., Ltd. CHINA CID002549	Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA	CID002504
TantalumExotech Inc.UNITED STATES OF AMERICACID000456TantalumF&X Electro-Materials Ltd.CHINACID000460TantalumFIR Metals & Resource Ltd.CHINACID002505TantalumGlobal Advanced Metals AizuJAPANCID002558TantalumGlobal Advanced Metals BoyertownUNITED STATES OF AMERICACID002557TantalumGuangdong Zhiyuan New Material Co., Ltd.CHINACID000616TantalumH.C. Starck Co., Ltd.THAILANDCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	Duoluoshan	CHINA	CID000410
TantalumF&X Electro-Materials Ltd.CHINACID000460TantalumFIR Metals & Resource Ltd.CHINACID002505TantalumGlobal Advanced Metals AizuJAPANCID002558TantalumGlobal Advanced Metals BoyertownUNITED STATES OF AMERICACID002557TantalumGuangdong Zhiyuan New Material Co., Ltd.CHINACID000616TantalumH.C. Starck Co., Ltd.THAILANDCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	E.S.R. Electronics	UNITED STATES OF AMERICA	CID002590
TantalumFIR Metals & Resource Ltd.CHINACID002505TantalumGlobal Advanced Metals AizuJAPANCID002558TantalumGlobal Advanced Metals BoyertownUNITED STATES OF AMERICACID002557TantalumGuangdong Zhiyuan New Material Co., Ltd.CHINACID000616TantalumH.C. Starck Co., Ltd.THAILANDCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	Exotech Inc.	UNITED STATES OF AMERICA	CID000456
TantalumGlobal Advanced Metals AizuJAPANCID002558TantalumGlobal Advanced Metals BoyertownUNITED STATES OF AMERICACID002557TantalumGuangdong Zhiyuan New Material Co., Ltd.CHINACID000616TantalumH.C. Starck Co., Ltd.THAILANDCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	F&X Electro-Materials Ltd.	CHINA	CID000460
TantalumGlobal Advanced Metals BoyertownUNITED STATES OF AMERICACID002557TantalumGuangdong Zhiyuan New Material Co., Ltd.CHINACID000616TantalumH.C. Starck Co., Ltd.THAILANDCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	FIR Metals & Resource Ltd.	CHINA	CID002505
TantalumGuangdong Zhiyuan New Material Co., Ltd.CHINACID000616TantalumH.C. Starck Co., Ltd.THAILANDCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	Global Advanced Metals Aizu	JAPAN	CID002558
TantalumH.C. Starck Co., Ltd.THAILANDCID002544TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA	CID002557
TantalumH.C. Starck GmbH GoslarGERMANYCID002545TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	CHINA	CID000616
TantalumH.C. Starck GmbH LaufenburgGERMANYCID002546TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	H.C. Starck Co., Ltd.	THAILAND	CID002544
TantalumH.C. Starck Hermsdorf GmbHGERMANYCID002547TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	H.C. Starck GmbH Goslar	GERMANY	CID002545
TantalumH.C. Starck Inc.UNITED STATES OF AMERICACID002548TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	H.C. Starck GmbH Laufenburg	GERMANY	CID002546
TantalumH.C. Starck Ltd.JAPANCID002549TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	H.C. Starck Hermsdorf GmbH	GERMANY	CID002547
TantalumH.C. Starck Smelting GmbH & Co. KGGERMANYCID002550TantalumHengyang King Xing Lifeng New Materials Co., Ltd.CHINACID002492	Tantalum	H.C. Starck Inc.	UNITED STATES OF AMERICA	CID002548
Tantalum Hengyang King Xing Lifeng New Materials Co., Ltd. CHINA CID002492	Tantalum	H.C. Starck Ltd.	JAPAN	CID002549
	Tantalum	H.C. Starck Smelting GmbH & Co. KG	GERMANY	CID002550
Tantalum Hi-Temp Specialty Metals, Inc. UNITED STATES OF AMERICA CID000731	Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA	CID002492
	Tantalum	Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERICA	CID000731

Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA	CID002512
Tantalum	Jiangxi Tuohong New Raw Material	CHINA	CID002842
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA	CID000914
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA	CID000917
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA	CID002506
Tantalum	KEMET Blue Metals	MEXICO	CID002539
Tantalum	KEMET Blue Powder	UNITED STATES OF AMERICA	CID002568
Tantalum	King-Tan Tantalum Industry Ltd.	CHINA	CID000973
Tantalum	LSM Brasil S.A.	BRAZIL	CID001076
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA	CID001163
Tantalum	Mineração Taboca S.A.	BRAZIL	CID001175
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192
Tantalum	Molycorp Silmet A.S.	ESTONIA	CID001200
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277
Tantalum	Plansee SE Liezen	AUSTRIA	CID002540
Tantalum	Plansee SE Reutte	AUSTRIA	CID002556
Tantalum	Power Resources Ltd.	MACEDONIA (THE FORMER YUGOSLAV REPUBLIC OF)	CID002847
Tantalum	QuantumClean	UNITED STATES OF AMERICA	CID001508
Tantalum	Resind Indústria e Comércio Ltda.	BRAZIL	CID002707
Tantalum	RFH Tantalum Smeltry Co., Ltd.	CHINA	CID001522
Tantalum	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION	CID001769
Tantalum	Taki Chemical Co., Ltd.	JAPAN	CID001869
Tantalum	Telex Metals	UNITED STATES OF AMERICA	CID001891
Tantalum	Tranzact, Inc.	UNITED STATES OF AMERICA	CID002571
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA	CID002508
Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.	CHINA	CID002307
Tantalum	Zhuzhou Cemented Carbide Group Co., Ltd.	CHINA	CID002232
Tin	Alpha	UNITED STATES OF AMERICA	CID000292
Tin	An Thai Minerals Co., Ltd.	VIET NAM	CID002825
Tin	An Vinh Joint Stock Mineral Processing Company	VIET NAM	CID002703
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	CID000228
Tin	China Tin Group Co., Ltd.	CHINA	CID001070
Tin	CNMC (Guangxi) PGMA Co., Ltd.	CHINA	CID000278
Tin	Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL	CID000295
Tin	CV Ayi Jaya	INDONESIA	CID002570
Tin	CV Dua Sekawan	INDONESIA	CID002592
Tin	CV Gita Pesona	INDONESIA	CID000306
Tin	CV Serumpun Sebalai	INDONESIA	CID000313
Tin	CV Tiga Sekawan	INDONESIA	CID002593

Tin	CV United Smelting	INDONESIA	CID00031
Tin	CV Venus Inti Perkasa	INDONESIA	CID00245
Tin	Dowa	JAPAN	CID00040
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	VIET NAM	CID00257
Tin	Elmet S.L.U.	SPAIN	CID00277
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)	CID00043
Tin	Estanho de Rondônia S.A.	BRAZIL	CID00044
Tin	Fenix Metals	POLAND	CID00046
Tin	Gejiu Fengming Metallurgy Chemical Plant	CHINA	CID00284
Tin	Gejiu Jinye Mineral Company	CHINA	CID00285
Tin	Gejiu Kai Meng Industry and Trade LLC	CHINA	CID00094
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	CID00053
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	CID00190
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	CID00055
Tin	Guanyang Guida Nonferrous Metal Smelting Plant	CHINA	CID00284
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA	CID00284
Tin	Huichang Jinshunda Tin Co., Ltd.	CHINA	CID00076
Tin	Jiangxi Ketai Advanced Material Co., Ltd.	CHINA	CID00024
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL	CID00246
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID00110
Tin	Melt Metais e Ligas S.A.	BRAZIL	CID00250
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA	CID00114
Tin	Metallo-Chimique N.V.	BELGIUM	CID00277
Tin	Mineração Taboca S.A.	BRAZIL	CID00117
Tin	Minsur	PERU	CID00118
Tin	Mitsubishi Materials Corporation	JAPAN	CID00119
Tin	Modeltech Sdn Bhd	MALAYSIA	CID00285
Tin	Nankang Nanshan Tin Manufactory Co., Ltd.	CHINA	CID00123
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM	CID00257
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	CID00131
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES	CID00251
Tin	Operaciones Metalurgical S.A.	BOLIVIA (PLURINATIONAL STATE OF)	CID00133
Tin	Phoenix Metal Ltd.	RWANDA	CID00250
Tin	PT Aries Kencana Sejahtera	INDONESIA	CID00030
Tin	PT Artha Cipta Langgeng	INDONESIA	CID00139
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA	CID00250
Tin	PT Babel Inti Perkasa	INDONESIA	CID00140
Tin	PT Bangka Prima Tin	INDONESIA	CID00277
Tin	PT Bangka Tin Industry	INDONESIA	CID00141
Tin	PT Belitung Industri Sejahtera	INDONESIA	CID00142
Tin	PT Bukit Timah	INDONESIA	CID00142
Tin	PT Cipta Persada Mulia	INDONESIA	CID00269

Tin	PT DS Jaya Abadi	INDONESIA	CID001434
Tin	PT Eunindo Usaha Mandiri	INDONESIA	CID001438
Tin	PT Inti Stania Prima	INDONESIA	CID002530
Tin	PT Justindo	INDONESIA	CID000307
Tin	PT Karimun Mining	INDONESIA	CID001448
Tin	PT Kijang Jaya Mandiri	INDONESIA	CID002829
Tin	PT Lautan Harmonis Sejahtera	INDONESIA	CID002870
Tin	PT Menara Cipta Mulia	INDONESIA	CID002835
Tin	PT Mitra Stania Prima	INDONESIA	CID001453
Tin	PT O.M. Indonesia	INDONESIA	CID002757
Tin	PT Panca Mega Persada	INDONESIA	CID001457
Tin	PT Prima Timah Utama	INDONESIA	CID001458
Tin	PT Refined Bangka Tin	INDONESIA	CID001460
Tin	PT Sariwiguna Binasentosa	INDONESIA	CID001463
Tin	PT Stanindo Inti Perkasa	INDONESIA	CID001468
Tin	PT Sukses Inti Makmur	INDONESIA	CID002816
Tin	PT Sumber Jaya Indah	INDONESIA	CID001471
Tin	PT Timah (Persero) Tbk Kundur	INDONESIA	CID001477
Tin	PT Timah (Persero) Tbk Mentok	INDONESIA	CID001482
Tin	PT Tinindo Inter Nusa	INDONESIA	CID001490
Tin	PT Tirus Putra Mandiri	INDONESIA	CID002478
Tin	PT Tommy Utama	INDONESIA	CID001493
Tin	PT Wahana Perkit Jaya	INDONESIA	CID002479
Tin	Resind Indústria e Comércio Ltda.	BRAZIL	CID002706
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA	CID001539
Tin	Soft Metais Ltda.	BRAZIL	CID001758
Tin	Thaisarco	THAILAND	CID001898
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM	CID002574
Tin	VQB Mineral and Trading Group JSC	VIET NAM	CID002015
Tin	White Solder Metalurgia e Mineração Ltda.	BRAZIL	CID002036
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Tin	Yunnan Tin Company Limited	CHINA	CID002180
Tungsten	A.L.M.T. TUNGSTEN Corp.	JAPAN	CID000004
Tungsten	ACL Metais Eireli	BRAZIL	CID002833
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM	CID002502
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA	CID002513
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258
Tungsten	Dayu Jincheng Tungsten Industry Co., Ltd.	CHINA	CID002518
Tungsten	Dayu Weiliang Tungsten Co., Ltd.	CHINA	CID000345
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	CHINA	CID000499
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	CID000875
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	CID002315
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA	CID002494
Tungsten	Ganzhou Yatai Tungsten Co., Ltd.	CHINA	CID002536
Tungsten	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA	CID000568
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218

Tungsten	H.C. Starck GmbH	GERMANY	CID002541
Tungsten	H.C. Starck Smelting GmbH & Co.KG	GERMANY	CID002542
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA	CID000766
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA	CID002579
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	CID000769
Tungsten	Hydrometallurg, JSC	RUSSIAN FEDERATION	CID002649
Tungsten	Japan New Metals Co., Ltd.	JAPAN	CID000825
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA	CID002551
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	CHINA	CID002647
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA	CID002321
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA	CID002313
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA	CID002318
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA	CID002317
Tungsten	Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	CHINA	CID002535
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA	CID002316
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA	CID000966
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA	CID002319
Tungsten	Moliren Ltd	RUSSIAN FEDERATION	CID002845
Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA	CID002589
Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC	VIET NAM	CID002543
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES	CID002827
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City	CHINA	CID002815
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	VIET NAM	CID001889
Tungsten	Unecha Refractory metals plant	RUSSIAN FEDERATION	CID002724
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.	VIET NAM	CID002011
Tungsten	Wolfram Bergbau und Hütten AG	AUSTRIA	CID002044
Tungsten	Woltech Korea Co., Ltd.	KOREA (REPUBLIC OF)	CID002843
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA	CID002082
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA	CID002830
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	CID002095