# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SPECIALIZED DISCLOSURE REPORT

# STERIS plc

(Exact name of registrant as specified in its charter)

Ireland (State or other jurisdiction of incorporation) 001-38848 (Commission File Number) 98-1455064 (IRS Employer Identification No.)

70 Sir John Rogerson's Quay, Dublin 2, Ireland DE21 6LY (Address of principal executive offices)

J. Adam Zangerle

Registrant's telephone number, including area code: + 353 1 232 2000 (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, 2021.
- □ Rule 13q-1 under the Securities Exchange Act (17 CFR 240.13q-1) for the reporting period from January 1 to December 31, 2021.

#### Section 1 - Conflict Minerals Disclosure

#### **Item 1.01 Conflict Minerals Disclosure and Report**

#### **Conflict Minerals Disclosure**

This Form SD of STERIS plc is filed pursuant to Rule 13p-1 under the Securities Exchange Act of 1934, as amended, for the reporting period from January 1 through December 31, 2021.

We have evaluated our current product lines and determined that certain products we manufacture or contract to manufacture may contain tin, tungsten, tantalum and/or gold.

The brief description of our reasonable country of origin inquiry ("RCOI") process, the results of our inquiry, and the determination we reached as a result of our RCOI process are included in our Conflict Minerals Report attached as an exhibit to this Form SD.

A copy of the Company's Conflict Minerals Report is filed as Exhibit 1.01 hereto and is publicly available at: <a href="https://sterisplc.gcs-web.com/financials/sec-filings">https://sterisplc.gcs-web.com/financials/sec-filings</a>. The content of any website referred to in this Form SD is not incorporated by reference in this Form SD.

#### Item 1.02 Exhibit

A copy of the Company's Conflict Minerals Report as required by Item 1.01 is filed as Exhibit 1.01 hereto.

#### Section 2 - Resource Extraction Issuer Disclosure

#### Item 2.01 Resource Extraction Issuer Disclosure and Report

Not Applicable

#### Section 3 - Exhibits

#### **Item 3.01 Exhibits**

The following exhibit is filed as part of this report.

Exhibit 1.01 – Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form.

# EXHIBIT INDEX

Exhibit Number Description of Exhibit

1.01 Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form SD.

#### **SIGNATURES**

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

# STERIS plc

By: /s/ Michael J. Tokich May 31, 2022

Michael J. Tokich

Senior Vice President and Chief Financial Officer

#### STERIS plc

#### Conflict Minerals Report for the Reporting Period from January 1, 2021 to December 31, 2021

#### Introduction

This Conflict Minerals Report is filed by STERIS plc ("STERIS") for the reporting period from January 1, 2021 to December 31, 2021 (the "Reporting Period") as Exhibit 1.01 to STERIS's Form SD pursuant to the requirements of Rule 13p-1 of the Securities Exchange Act of 1934, as amended (the "Rule"), which was promulgated pursuant to the requirements of Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act. The Rule requires the annual filing with the Securities and Exchange Commission ("SEC") of a Form SD, together with this Report (if relevant) as an Exhibit to Form SD, by STERIS regarding the sourcing of those conflict minerals (as defined below) contained in the products that STERIS and its subsidiaries (collectively, the "Company") manufacture or contract to manufacture if the conflict minerals are necessary to the production or functionality of the products. Conflict minerals are defined as columbite-tantalite (also known as coltan, the metal ore from which tantalum is extracted), cassiterite (the metal ore from which tin is extracted), gold, and wolframite (the metal ore from which tungsten is extracted), or their derivatives, or any other mineral or its derivatives designated in specified circumstances by the U.S. Secretary of State to be financing conflict in the Democratic Republic of the Congo or an adjoining country (the "covered countries"). The covered countries are Angola, Burundi, Central African Republic, the Democratic Republic of the Congo, Republic of Congo, Rwanda, South Sudan, Tanzania, Uganda and Zambia. These conflict minerals are currently limited to tin, tantalum, tungsten and gold ("3TG" or "conflict minerals").

As permitted by applicable guidance of the SEC, the Company has not obtained an independent private sector audit for this Conflict Minerals Report. The contents of any website referred to in this Conflict Minerals Report is not incorporated by reference in this Conflict Minerals Report.

#### **The Company**

STERIS is a leading global provider of products and services that support patient care with an emphasis on infection prevention. WE HELP OUR CUSTOMERS CREATE A HEALTHIER AND SAFER WORLD by providing innovative healthcare, life sciences and dental products and services. We offer our Customers a unique mix of innovative consumable products, such as detergents, gastrointestinal ("GI") endoscopy accessories, barrier product solutions, and other products and services, including: equipment installation and maintenance, microbial reduction of medical devices, dental instruments and tools, instrument and scope repair, laboratory testing services, outsourced reprocessing, and capital equipment products, such as sterilizers and surgical tables, automated endoscope reprocessors, and connectivity solutions such as operating room ("OR") integration.

Only certain STERIS products contain one or more 3TGs and fall in the scope of the Rule. We have determined that the following product lines contain or may contain 3TGs: sterilizers, generators and liquid chemical sterilant processing systems, automated washer/disinfector systems, general and specialty surgical tables, surgical and endoscopy equipment, warming cabinets, electron beam and x-ray systems, single use dental products, filtration and disinfectant technologies, reprocessing systems for dialyzers and high purity water equipment.

#### **Company Supply Chains**

The Company manufactures its products from components, raw materials and other materials purchased from third-party suppliers. These suppliers are located all over the world. The Company utilizes several different supply chains to support its manufacturing operations. In many cases there are numerous upstream layers involved in the Company supply chains, with the Company being a remote distance downstream from the smelter or refiner at which the conflict minerals are processed. We do not purchase any conflict minerals directly from miners, smelters or refiners. Therefore, we must rely on our direct and indirect suppliers to provide information about the origin of any conflict minerals in our products.

#### Reasonable Country of Origin Inquiry ("RCOI")

For reporting year 2021, our RCOI process utilized a risk-based approach to determine which of our suppliers we should survey for information regarding their conflict minerals sourcing. Our Senior Director of Internal Audit and Compliance, who reports directly to our Vice President, Chief Compliance Officer, leads our conflict minerals compliance program. The Senior Director of Internal Audit and Compliance and a group of Company employees representing the compliance, supply chain, and legal departments of the Company (the "Compliance Team") reviewed and analyzed information about our products and supply chains to determine which product components and materials might be reasonably likely to contain necessary 3TGs. We based this determination on the nature of, and the suppliers of, the products and materials purchased. This focused, multi-variable analysis resulted in a refined list of suppliers that we determined potentially supplied us with products or materials containing 3TG (our "relevant suppliers").

We engaged Assent Compliance, a third-party consultant ("Assent"), to assist with our RCOI, supplier engagement, and due diligence. We sent each of our relevant suppliers an introductory email describing our conflict minerals compliance program requirements and introducing them to Assent. Assent then engaged with those relevant suppliers and asked them to provide and/or update their RCOI information. We utilized the Conflict Minerals Reporting Template ("CMRT") developed by the Responsible Minerals Initiative ("RMI") (revision 6.1) to conduct a survey of all in-scope suppliers. We periodically reviewed the supplier list throughout our annual conflict minerals campaign to determine whether there were any irrelevant or "out of scope" suppliers that should be removed from the survey process.

Assent requested that all suppliers complete a CMRT and offered online educational materials intended to guide suppliers on best practices related to the use of the CMRT. All submitted forms were accepted and classified as valid or invalid so that all data was retained. We continued to engage our suppliers throughout the entire RCOI process by providing feedback on smelters and refiners that suppliers named, reminders for any non-responsive suppliers, and detailed reasoning and recommendations for suppliers whose data did not meet Assent's validity-check expectations. Assent made multiple follow-up requests to suppliers who were unresponsive to Assent's communications or claimed they were under no obligation to respond to us. Assent compared the data obtained from our suppliers' responses to information that had been collected and verified by third parties, including information from the RMI website and information in Assent's database in order to determine the country of origin with the greatest possible specificity. Sixty-eight percent (68%) of in-scope suppliers responded to our request.

Our suppliers identified 336 verified smelters and refiners. Based on the information available to us as a member of RMI, 151 of those smelters and refiners were reported to have some sourcing from covered countries. In the course of our RCOI, we were not able to definitively confirm the country of origin of all 3TGs that were contained in the materials or products that we purchased from our suppliers or to determine whether those 3TGs were from recycled or scrap sources. Therefore, we have concluded that some of our products manufactured during the reporting period contain necessary 3TGs that may have originated in the covered countries or may not be from recycled or scrap sources. Accordingly, we performed due diligence in an effort to determine the source and chain of custody of these necessary 3TGs.

#### **Due Diligence**

#### **Design of Due Diligence Measures**

The Company's due diligence measures were designed to conform in all material respects with the due diligence framework in the Organisation for Economic Co-operation and Development ("OECD") Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict—Affected and High-Risk Areas, and the related supplements for tin, tantalum, tungsten and for gold, Third Edition, 2016 ("OECD Guidance").

#### **Due Diligence Measures Performed**

Due diligence measures performed for reporting year 2021 consisted of the following:

1. <u>OECD Step #1: Establish and Maintain Strong Company Management Systems</u>. The Company's Compliance department oversaw the Company's conflict minerals compliance program. The Senior Director of Internal Audit and Compliance led the Compliance Team in its efforts to address and mitigate any conflict minerals-related risk and reported directly to STERIS's Vice President, Chief Compliance Officer. The STERIS Conflict Minerals Sourcing Policy ("Policy"), has been made available to the public via STERIS's website at <a href="https://www.steris.com/sustainability/key-policies-supporting-sustainability/conflict-minerals-sourcing-policy">https://www.steris.com/sustainability/key-policies-supporting-sustainability/conflict-minerals-sourcing-policy</a>. The Policy advises suppliers that failure to comply with the policy may result in termination of the Company's relationship with the non-compliant supplier.

The STERIS Supplier Code of Conduct ("Supplier Code") prohibits suppliers from incorporating materials or parts in materials or services supplied to STERIS that would violate any law or regulation because of the origin of the material, part or service. The Supplier Code further provides that suppliers must have a policy to reasonably assure that the tantalum, tin, tungsten and gold in the products they manufacture do not directly or indirectly finance or benefit armed groups that are perpetrators of serious human rights abuses in the covered countries. The Supplier Code further provides that suppliers must exercise due diligence on the source and chain of custody of these materials and make the results of their due diligence measures available to STERIS upon request. The Supplier Code is available to the public via STERIS's website at <a href="https://www.steris.com/about/business/supplier-code-of-conduct.cfm">https://www.steris.com/about/business/supplier-code-of-conduct.cfm</a>.

As part of the Company's document retention policy, it is the Company's policy to retain supplier responses and other communications and information relating to conflict minerals in electronic form for at least five (5) years.

During 2021, we emphasized supplier education relating to sourcing and information about the origin of conflict minerals. To accomplish this, we utilized Assent's Supplier Help Center. All in-scope suppliers were provided access to its Conflict Minerals educational materials at no cost. Assent sent a letter to the suppliers we identified as being at a higher risk of potentially sourcing from high-risk smelters requesting them to review these materials.

The Company has grievance mechanisms whereby employees and suppliers can report concerns about the Company's Policy and conflict minerals sourcing. Suppliers and other third parties may contact our conflict minerals team directly to communicate or report grievances via our integrity helpline or webline, which are published in both the STERIS Code of Business Conduct and the Supplier Code of Conduct which may be found at <a href="https://www.steris.com/about/business/supplier-code-of-conduct.cfm">https://www.steris.com/about/business/supplier-code-of-conduct.cfm</a>, and <a href="https://www.steris.com/sustainability/corporate-governance/supplier-code-of-conduct.cfm">https://www.steris.com/sustainability/corporate-governance/supplier-code-of-conduct.cfm</a>, respectively.

2. OECD Step #2: Identify and Assess Supply Chain Risk. We used a risk-based approach to identify our relevant suppliers for reporting year 2021. We identified those suppliers whose products were most likely to contain conflict minerals based on their commodity code within our materials planning system. We further refined our results by targeting those suppliers that represent a larger spend in order to maximize the impact of our survey efforts. On our behalf, Assent reviewed all responses received from our relevant suppliers and followed-up with them regarding incomplete responses and responses that appeared to be inaccurate. In addition, suppliers were contacted about the use of invalid forms and were encouraged to submit valid forms. Assent reviewed the lists of smelters and refiners provided by our suppliers and validated and cross-referenced that smelter and refiner information against information available through the RMI website. We provided information to our suppliers as to whether the smelters and refiners they listed were bona fide smelters or refiners and whether they had been audited and had a status of "conformant" with the Responsible Minerals Assurance Process ("RMAP") or by RMAP-recognized programs (including the London Bullion Market Association Responsible Gold Guidance and the Responsible Jewellery Council), were active in such a process, were neither conformant nor active, or were not recognized as being a smelter or refiner.

For each facility that meets the RMI definition of a smelter or refiner of a 3TG, we assigned a risk rating of high, medium or low based on the following scoring criteria: geographic proximity to the covered countries, RMI audit status, and known or plausible evidence of unethical sourcing. In addition, we evaluated our suppliers on the strength of their conflict minerals programs as they were described in the suppliers' CMRT responses. Based on that assignment of risk, we asked Assent to follow up directly with any supplier that identified certain smelters or refiners of the highest concern.

3. <u>OECD Step #3: Design and Implement a Strategy to Respond to Identified Risks</u>. Our Compliance Team periodically briefed our Chief Compliance Officer and our Board of Directors about the Company's conflict minerals compliance activities and results of our due diligence measures. Also as noted above, we followed-up with nonresponding suppliers and suppliers who provided incomplete responses or responses we believed to be inaccurate. We provided information to certain suppliers about the Rule and why we must obtain conflict minerals information from them.

As part of a strategy to respond to identified risks, suppliers who disclosed a smelter or refiner that we determined was "high-risk" for conflict minerals issues were flagged following completion of the CMRT campaign. When our supplier responses included any of these high-risk facilities, Assent instructed that supplier to take certain risk mitigation actions, from providing additional, product specific information relevant to the company via additional due diligence, escalating up to removal of these high-risk smelters from its supply chain. Based on instructions from STERIS, Assent provided these suppliers with clear performance objectives to be accomplished within reasonable timeframes with the ultimate goal of progressive elimination of these high risk smelters and refiners from their supply chain. Assent also requests that these high-risk smelters engage with the Responsible Minerals Audit Process and become conformant with the conflict-free assessment protocol. Per our STERIS Code of Business Conduct, any reports to our integrity helpline and webline are fully investigated and are reported to our Board of Directors.

- 4. <u>OECD Step #4: Carry Out Independent Third-Party Audit of Smelter/Refiner's Due Diligence Practices</u>. We do not have a direct relationship with smelters or refiners of conflict minerals. Therefore, we do not carry out audits of smelters or refiners identified by our suppliers as being in their supply chains. However, we support audits conducted by third parties as a part of RMI of which we are a member (member code: STER).
- 5. <u>OECD Step #5: Report Annually on Supply Chain Due Diligence</u>. We report on our conflict minerals due diligence annually, and we make our Form SD and this Conflict Minerals Report publicly available on our website at <a href="https://sterisplc.gcs-web.com/financials/sec-filings">https://sterisplc.gcs-web.com/financials/sec-filings</a>.

#### **Results of Due Diligence**

Some of our suppliers provided us with names of smelters and refiners that may have processed the necessary 3TGs in their supply chains. Based on the information available to us as a member of RMI and from Assent's database, approximately 68% of the smelters and refiners named by our suppliers for calendar year 2021 that reported to RMI some sourcing from the covered countries were designated by RMI as conformant and 6% were designated by RMI as active. Based on the responses provided by our suppliers as reviewed against the data available to us as RMI members and against Assent's database, all as of May 9, 2022, we have concluded that some of the tin, tantalum, tungsten and gold contained in our products may have originated in the countries listed below.

#### 1. Facilities Used to Process Necessary Conflict Minerals.

As a result of our due diligence, we obtained information from approximately 68% of our in-scope suppliers about the smelters and refiners that processed the necessary conflict minerals in their supply chains. We reviewed our suppliers' responses and compared the names of the smelters and refiners they disclosed to the information included on the RMI website and Assent's database. Because most of our suppliers provided Company-level CMRTs, we were unable to determine whether any particular smelters or refiners named in their responses actually processed the necessary 3TGs in our products. However, based on our review of our suppliers' CMRT responses, we believe that the facilities that may have been used to process the 3TGs contained in our products include, but may not be limited to, the smelters and refiners listed in <u>Appendix A</u>. Because most of our suppliers provided Company-level CMRTs, this list certainly includes more facilities than those that actually processed the minerals contained in our products.

Our supplier responses included conformant and active smelters and refiners and others that were unknown or that were not participating in the RMAP process. Only the conformant and active smelters and refiners, as well as other facilities verified as smelters or refiners based on the information available to us from Assent, have been listed in <u>Appendix A</u>.

# 2. Countries of Origin of Our Necessary Conflict Minerals.

Assent reviewed the lists of smelters and refiners provided by our direct suppliers and validated and cross-referenced that information against information available through the RMI website and Assent's database. Based on this information, our suppliers' responses and the information available to us as a member of RMI, as of May 9, 2022 the possible countries of origin of the necessary conflict minerals in our products include, but may not be limited to, the following:

Finland

#### Possible Countries of Origin - Tin

India Rwanda Angola Saudi Arabia Argentina Indonesia Ireland Australia Senegal Austria Israel Serbia Bangladesh Italy Singapore Belarus Japan Slovakia Belgium Jordan Slovenia Benin Kazakhstan South Africa Bolivia Laos South Korea Brazil Latvia Spain Bulgaria Lebanon Sudan Burundi Libya Sweden Canada Lithuania Switzerland Chile Luxembourg Taiwan China Malaysia Tanzania Thailand Colombia Malta Congo, Democratic Republic of the Mexico Togo Croatia Mongolia Tunisia Cyprus Morocco Turkey Czechia Myanmar Uganda Netherlands Denmark Ukraine United Arab Emirates New Zealand Egypt El Salvador Nigeria United Kingdom Estonia United States of America Norway

Pakistan

Uruguay

France Peru Venezuela Gabon Philippines Vietnam Poland Virgin Islands Germany Ghana Portugal Yemen Puerto Rico Greece Guernsey Qatar Guinea Romania Hong Kong Russian Federation

6

Hungary

## <u>Possible Countries of Origin – Tantalum</u>

Australia Ireland Switzerland Austria Israel Taiwan Belarus Thailand Japan Bolivia Kazakhstan Uganda Brazil Madagascar United Kingdom Burundi United States of America Malaysia Zimbabwe

Canada Mexico
China Mozambique
Colombia Myanmar
Congo, Democratic Republic of the Namibia

Czechia Netherlands Estonia Nigeria

Ethiopia Russian Federation
France Rwanda
Germany Sierra Leone
Hong Kong South Korea

Indonesia

India

Spain

## <u>Possible Countries of Origin – Tungsten</u>

Australia Israel Rwanda Austria Japan Singapore Belgium Kazakhstan South Korea Bolivia Krygyzstan Spain Brazil Latvia Taiwan Thailand Burundi Malaysia Canada Mexico Uganda

China Mongolia United Arab Emirates
Colombia Myanmar United Kingdom
Congo, Democratic Republic of the Nigeria United States of America

Czechia Peru Uzbekistan
France Philippines Vietnam
Germany Portugal Zimbabwe

Hong Kong Russian Federation

Ireland

#### Possible Countries of Origin - Gold

Andorra Guyana Romania Russian Federation Antigua and Barbuda Haiti Argentina Honduras Rwanda Armenia Hong Kong Saint Kitts and Nevis Australia San Marino Hungary Austria Iceland Saudi Arabia Azerbaijan India Senegal Bahamas Indonesia Serbia Bahrain Ireland Sierra Leone Barbados Israel Singapore Belarus Sint Maarten Italy Belgium **Ivory Coast** Slovakia Slovenia Benin Japan Bolivia Jordan Solomon Islands Bosnia & Herzegovina Kazakhstan South Africa Botswana Kenya South Korea Brazil Kuwait Spain Bulgaria Kyrgyzstan Sri Lanka Burkina Faso Laos St Lucia Cameroon Latvia St Vincent and Grenadines Sudan Canada Lebanon Cayman Islands Liberia Suriname Chile Liechtenstein Swaziland China Lithuania Sweden Colombia Luxembourg Switzerland

Cote d'Ivoire

Cuba Macau Taiwan Curacao Malaysia Tajikistan Cyprus Mali Tanzania Thailand Czechia Malta Denmark Mauritania Togo Trinidad and Tobago Dominica Mexico Dominican Republic Monaco Tunisia Ecuador Mongolia Turkey Egypt Montenegro Turks and Caicos El Salvador Uganda Morocco Eritrea Mozambique Ukraine Estonia Netherlands United Arab Emirates Ethiopia New Zealand United Kingdom Fiji United States of America Nicaragua Finland Niger Uruguay Uzbekistan France Norway French Guiana Oman Venezuela Gabon Pakistan Vietnam Zambia Georgia Panama Zimbabwe Germany Papua New Guinea Ghana Peru Greece Philippines Grenada Poland Guatemala

Portugal Guinea Puerto Rico

#### 3. Efforts to Determine Mine or Location of Origin.

We have determined that the most reasonable effort we can make to determine the mines or locations of origin of our necessary conflict minerals to the greatest possible specificity is to seek information from our direct suppliers about the smelters and refiners and the countries of origin of the necessary conflict minerals in our supply chain and to ask our suppliers to make the same inquiries from their suppliers. As noted above, upon receipt of supplier-provided data, we utilized our RMI membership and relationship with Assent to determine the possible countries of origin by cross-referencing the data against RMI's lists of recognized conformant smelters and refiners and against Assent's database.

#### Steps Taken and Being Taken to Mitigate Risk and Improve Due Diligence

In reporting year 2022, we expect to continue providing additional background and educational information to suppliers where necessary to facilitate obtaining responses. STERIS currently expects to continue to fund and participate in the RMI which reduces conflict minerals risk for all supply chains by working to increase the number of smelters and refiners whose due diligence practices meet the Responsible Mineral Assessment Protocols.

#### **Forward-Looking Statements**

Certain statements contained in this Report, including those made under the "Steps Taken and Being Taken to Mitigate Risk and Improve Due Diligence" section, reflect the Company's expectations with respect to future performance and constitute "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements include, among other things, statements of the plans and objectives of management for future operations. These statements are subject to a variety of uncertainties, unknown risks and other factors concerning the Company's operations and business environment, which are difficult to predict and are beyond the control of the Company.

# APPENDIX A

Metal	Smelter Name	Smelter ID
Gold	8853 S.p.A.	CID002763
Gold	Abington Reldan Metals, LLC	CID002708
Gold	Advanced Chemical Company	CID000015
Gold	African Gold Refinery	CID003185
Gold	Aida Chemical Industries Co., Ltd.	CID000019
Gold	Al Etihad Gold Refinery DMCC	CID002560
Gold	Alexy Metals	CID003500
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	CID000035
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	CID000041
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	CID000058
Gold	Argor-Heraeus S.A.	CID000077
Gold	Asahi Pretec Corp.	CID000082
Gold	Asahi Refining Canada Ltd.	CID000924
Gold	Asahi Refining USA Inc.	CID000920
Gold	Asaka Riken Co., Ltd.	CID000090
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	CID000103
Gold	AU Traders and Refiners	CID002850
Gold	Augmont Enterprises Private Limited	CID003461
Gold	Aurubis AG	CID000113
Gold	Bangalore Refinery	CID002863
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	CID000128
Gold	Boliden AB	CID000157
Gold	C. Hafner GmbH + Co. KG	CID000176
Gold	C.I Metales Procesados Industriales SAS	CID003421
Gold	Caridad	CID000180
Gold	CCR Refinery - Glencore Canada Corporation	CID000185
Gold	Cendres + Metaux S.A.	CID000189
Gold	CGR Metalloys Pvt Ltd.	CID003382
Gold	Chimet S.p.A.	CID000233
Gold	Chugai Mining	CID000264
Gold	Daye Non-Ferrous Metals Mining Ltd.	CID000343
Gold	Degussa Sonne / Mond Goldhandel GmbH	CID002867
Gold	Dijllah Gold Refinery FZC	CID003348
Gold	Dowa	CID000401
Gold	DSC (Do Sung Corporation)	CID000359
Gold	Eco-System Recycling Co., Ltd. East Plant	CID000425
Gold	Eco-System Recycling Co., Ltd. North Plant	CID003424
Gold	Eco-System Recycling Co., Ltd. West Plant	CID003425
Gold	Emerald Jewel Industry India Limited (Unit 1)	CID003487
Gold	Emerald Jewel Industry India Limited (Unit 2)	CID003488
Gold	Emerald Jewel Industry India Limited (Unit 3)	CID003489
Gold	Emerald Jewel Industry India Limited (Unit 4)	CID003490
Gold	Emirates Gold DMCC	CID002561
Gold	Fidelity Printers and Refiners Ltd.	CID002515

Metal	Smelter Name	Smelter ID
Gold	Fujairah Gold FZC	CID002584
Gold	GCC Gujrat Gold Centre Pvt. Ltd.	CID002852
Gold	Geib Refining Corporation	CID002459
Gold	Gold Coast Refinery	CID003186
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CID002243
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CID001909
Gold	Guangdong Jinding Gold Limited	CID002312
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CID000651
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CID000671
Gold	Heimerle + Meule GmbH	CID000694
Gold	Heraeus Metals Hong Kong Ltd.	CID000707
Gold	Heraeus Precious Metals GmbH & Co. KG	CID000711
Gold	Hunan Chenzhou Mining Co., Ltd.	CID000767
Gold	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	CID000773
Gold	HwaSeong CJ CO., LTD.	CID000778
Gold	Industrial Refining Company	CID002587
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CID000801
Gold	International Precious Metal Refiners	CID002562
Gold	Ishifuku Metal Industry Co., Ltd.	CID000807
Gold	Istanbul Gold Refinery	CID000814
Gold	Italpreziosi	CID002765
Gold	JALAN & Company	CID002893
Gold	Japan Mint	CID000823
Gold	Jiangxi Copper Co., Ltd.	CID000855
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	CID000927
Gold	JSC Uralelectromed	CID000929
Gold	JX Nippon Mining & Metals Co., Ltd.	CID000937
Gold	K.A. Rasmussen	CID003497
Gold	Kaloti Precious Metals	CID002563
Gold	Kazakhmys Smelting LLC	CID000956
Gold	Kazzinc	CID000957
Gold	Kennecott Utah Copper LLC	CID000969
Gold	KGHM Polska Miedz Spolka Akcyjna	CID002511
Gold	Kojima Chemicals Co., Ltd.	CID000981
Gold	Korea Zinc Co., Ltd.	CID002605
Gold	Kundan Care Products Ltd.	CID003463
Gold	Kyrgyzaltyn JSC	CID001029
Gold	Kyshtym Copper-Electrolytic Plant ZAO	CID002865
Gold	L'azurde Company For Jewelry	CID001032
Gold	Lingbao Gold Co., Ltd.	CID001056
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CID001058
Gold	L'Orfebre S.A.	CID001030 CID002762
Gold	LS-NIKKO Copper Inc.	CID002702 CID001078
Gold	LT Metal Ltd.	CID001078 CID000689
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CID00003
Gold	Marsam Metals	CID001093 CID002606
Gold	Materion	CID002000 CID001113
Gold	Matsuda Sangyo Co., Ltd.	CID001113 CID001119
Gold	MD Overseas	CID001119 CID003548

-		
Metal	Smelter Name	Smelter ID
Gold	Metal Concentrators SA (Pty) Ltd.	CID003575
Gold	Metallix Refining Inc.	CID003557
Gold	Metalor Technologies (Hong Kong) Ltd.	CID001149
Gold	Metalor Technologies (Singapore) Pte., Ltd.	CID001152
Gold	Metalor Technologies (Suzhou) Ltd.	CID001147
Gold	Metalor Technologies S.A.	CID001153
Gold	Metalor USA Refining Corporation	CID001157
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	CID001161
Gold	Mitsubishi Materials Corporation	CID001188
Gold	Mitsui Mining and Smelting Co., Ltd.	CID001193
Gold	MMTC-PAMP India Pvt., Ltd.	CID002509
Gold	Modeltech Sdn Bhd	CID002857
Gold	Morris and Watson	CID002282
Gold	Moscow Special Alloys Processing Plant	CID001204
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	CID001220
Gold	Navoi Mining and Metallurgical Combinat	CID001236
Gold	NH Recytech Company	CID003189
Gold	Nihon Material Co., Ltd.	CID001259
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	CID002779
Gold	Ohura Precious Metal Industry Co., Ltd.	CID001325
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	CID001326
Gold	OJSC Novosibirsk Refinery	CID000493
Gold	PAMP S.A.	CID001352
Gold	Pease & Curren	CID002872
Gold	Penglai Penggang Gold Industry Co., Ltd.	CID001362
Gold	Planta Recuperadora de Metales SpA	CID002919
Gold	Prioksky Plant of Non-Ferrous Metals	CID001386
Gold	PT Aneka Tambang (Persero) Tbk	CID001397
Gold	PX Precinox S.A.	CID001498
Gold	QG Refining, LLC	CID003324
Gold	Rand Refinery (Pty) Ltd.	CID001512
Gold	Refinery of Seemine Gold Co., Ltd.	CID000522
Gold	REMONDIS PMR B.V.	CID002582
Gold	Royal Canadian Mint	CID001534
Gold	SAAMP	CID002761
Gold	Sabin Metal Corp.	CID001546
Gold	Safimet S.p.A	CID002973
Gold	SAFINA A.S.	CID002290
Gold	Sai Refinery	CID002853
Gold	Samduck Precious Metals	CID001555
Gold	Samwon Metals Corp.	CID001562
Gold	Sancus ZFS (L'Orfebre, SA)	CID003529
Gold	Sellem Industries Ltd.	CID003540
Gold	SEMPSA Joyeria Plateria S.A.	CID001585
Gold	Shandong Humon Smelting Co., Ltd.	CID002525
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CID001619
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CID001622
Gold	Shenzhen Zhonghenglong Real Industry Co., Ltd.	CID002527
Gold	Shirpur Gold Refinery Ltd.	CID002588
	-	

Metal	Smelter Name	Smelter ID
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CID001736
Gold	Singway Technology Co., Ltd.	CID001730
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	CID001756
Gold	Solar Applied Materials Technology Corp.	CID001750
Gold	Sovereign Metals	CID003383
Gold	State Research Institute Center for Physical Sciences and Technology	CID003153
Gold	Sudan Gold Refinery	CID002567
Gold	Sumitomo Metal Mining Co., Ltd.	CID001798
Gold	SungEel HiMetal Co., Ltd.	CID002918
Gold	Super Dragon Technology Co., Ltd.	CID001810
Gold	T.C.A S.p.A	CID002580
Gold	Tanaka Kikinzoku Kogyo K.K.	CID001875
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	CID001916
Gold	Tokuriki Honten Co., Ltd.	CID001938
Gold	Tongling Nonferrous Metals Group Co., Ltd.	CID001947
Gold	TOO Tau-Ken-Altyn	CID002615
Gold	Torecom	CID001955
Gold	Umicore Precious Metals Thailand	CID002314
Gold	Umicore S.A. Business Unit Precious Metals Refining	CID001980
Gold	United Precious Metal Refining, Inc.	CID001993
Gold	Valcambi S.A.	CID002003
Gold	Value Trading	CID003617
Gold	WEERFINING	CID003615
Gold	Western Australian Mint (T/a The Perth Mint)	CID002030
Gold	WIELAND Edelmetalle GmbH	CID002778
Gold	Yamakin Co., Ltd.	CID002100
Gold	Yokohama Metal Co., Ltd.	CID002129
Gold	Yunnan Copper Industry Co., Ltd.	CID000197
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CID002224
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CID000211
Tantalum	D Block Metals, LLC	CID002504
Tantalum	F&X Electro-Materials Ltd.	CID000460
Tantalum	FIR Metals & Resource Ltd.	CID002505
Tantalum	Global Advanced Metals Aizu	CID002558
Tantalum	Global Advanced Metals Boyertown	CID002557
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	CID000616
Tantalum	H.C. Starck Co., Ltd.	CID002544
Tantalum	H.C. Starck Hermsdorf GmbH	CID002547
Tantalum	H.C. Starck Inc.	CID002548
Tantalum	H.C. Starck Ltd.	CID002549
Tantalum	H.C. Starck Smelting GmbH & Co. KG	CID002550
Tantalum	H.C. Starck Tantalum and Niobium GmbH	CID002545
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CID002492
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CID002512
Tantalum	Jiangxi Tuohong New Raw Material	CID002842
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CID000914
Tantalum	Jiujiang Tanbre Co., Ltd.	CID000917
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CID002506
Tantalum	KEMET Blue Metals	CID002539
- unturum	Table 1 Date 1 Tetulo	011002000

Tantalum	Metal	Smelter Name	Smelter ID
Inatalum         Mineraca Taboea S.A.         CID001175           Innalalum         Missud Mining and Smelting Co., Ltd.         CID001277           Innalalum         Ningxid Orient Tantalum Industry Co., Ltd.         CID001270           Tantalum         NPM Silmer AS         CID001200           Tantalum         Resind Industria e Comercio Ltda.         CID001707           Tantalum         Resind Industria e Comercio Ltda.         CID001806           Tantalum         Solikamsk Ragnesium Works OAO         CID001806           Tantalum         Take Chemical Co., Ltd.         CID001806           Tantalum         Take Chemical Co., Ltd.         CID001806           Tantalum         Ulba Metallurgical Plant JSC         CID001806           Tantalum         Yancheng, Jinye New Material Technology Co., Ltd.         CID002508           Tantalum         Yancheng, Jinye New Material Technology Co., Ltd.         CID002508           Tantalum         Yancheng, Jinye New Material Technology Co., Ltd.         CID00220           Tin         Alpha         CID00220           Tin         Alpha         CID00220           Tin         Alpha         CID00220           Tin         Chierge Dajingaři In Industry Co., Ltd.         CID00227           Tin         Chierg Dajinga	Tantalum	LSM Brasil S.A.	CID001076
Tantalum         Missui Mining and Smelting Co., Ltd.         CID001127           Tantalum         Ningxia Orient Tantalum Industry Co., Ltd.         CID001207           Tantalum         NPM Silmer AS         CID001208           Tantalum         Quantum Clean         CID001508           Tantalum         Solikamsk Magnesium Works OAO         CID001769           Tantalum         Taki Chemical Co., Ltd.         CID001869           Tantalum         Taki Chemical Co., Ltd.         CID001891           Tantalum         Taki Chemical Co., Ltd.         CID001969           Tantalum         Yancheng Jingy New Meatlard Technology Co., Ltd.         CID002508           Tantalum         Yancheng Jingy New Meatlard Technology Co., Ltd.         CID002508           Tantalum         Yancheng Jingy New Meatlard Technology Co., Ltd.         CID002508           Tantalum         Yanling Jincheng Tantalum & Niobium Co., Ltd.         CID002522           Tin         Alpha         CID002522           Tin         Alpha         CID002522           Tin         Alpha         CID00252           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID00252           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID003186           Tin         CRM Fundicao De	Tantalum		
Tantalum         Ningsia Orient Tantalum Industry Co., Ltd.         CID001277           Tantalum         NPM Silmet AS         CID001200           Tantalum         Quantum Clean         CID001508           Tantalum         Resind Industria e Comercio Ltda.         CID001769           Tantalum         Solikamsk Magnesium Works OAO         CID001869           Tantalum         Taki Chemical Co., Ltd.         CID001869           Tantalum         Tlees Metals         CID001969           Tantalum         Ulba Metallurgical Plant JSC         CID001969           Tantalum         Yancheng Jinye New Material Technology Co., Ltd.         CID002583           Tantalum         Yancheng Jinye New Material Technology Co., Ltd.         CID002583           Tantalum         Yancheng Jinye New Material Technology Co., Ltd.         CID000258           Tin         Alpha         CID000220           Tin         Alpha         CID000222           Tin         Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.         CID000222           Tin         Chifeng Dajingai Tin Industry Co., Ltd.         CID001902           Tin         China Tin Group Co., Ltd.         CID001902           Tin         China Tin Group Co., Ltd.         CID001902           Tin         CRM Synergies <td></td> <td></td> <td>CID001175</td>			CID001175
Tanalum         NPM Silmet AS         CID001508           Tanalum         QuantumClean         CID002707           Tanalum         Resid Industria e Comercio Ltda.         CID002707           Tanalum         Taki Chemical Co., Ltd.         CID001899           Tanalum         Taki Chemical Co., Ltd.         CID001899           Tanalum         Taki Chemical Co., Ltd.         CID001996           Tanalum         Xinxing HaoRong Electronic Material Co., Ltd.         CID002508           Tanalum         Yancheng Jinye New Material Technology Co., Ltd.         CID003528           Tanalum         Yancheng Jinye New Material Technology Co., Ltd.         CID000252           Tin         Alpha         CID000258           Tanalum         Yanling Jincheng Tanalum & Niobium Co., Ltd.         CID000252           Tin         Alpha         CID000252           Tin         An Vinh Joint Stock Mineral Processing Company         CID000270           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID000270           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID000027           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID000170           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID000170           Tin			
Tantalum QuantumClean         CID002707           Tantalum Residn Industria e Comercio Ltda.         CID002707           Tantalum Solikamsk Magnesium Works OAO         CID001769           Tantalum Taki Chemical Co., Ltd.         CID001891           Tantalum Telex Metals         CID001893           Tantalum Ulba Metallurgical Plant JSC         CID001959           Tantalum Yancheng Jinye New Material Technology Co., Ltd.         CID002508           Tantalum Yancheng Jinye New Material Technology Co., Ltd.         CID001522           Tin Alpha         CID0002508           Tantalum Yancheng Jinye New Material Technology Co., Ltd.         CID0001522           Tin Alpha         CID0002703           Tin Chine Tin Group Co., Ltd.         CID000220           Tin Chine Tin Group Co., Ltd.         CID000220           Tin Chine Tin Group Co., Ltd.         CID000220           Tin Chine Tin Group Co., Ltd.         CID000170           Tin CRM Synegies         CID000170           Tin CRM Synegies         CID0003524           Tin Dougan CiEXPO Environmental Engineering Co., Ltd.         CID0003524           Tin Dowa         CID0003524           Tin Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company         CID000452           Tin Electro-Mechanical Facility of the Cao Bang Minerals &	Tantalum		CID001277
Tantalum         Reside Industria e Comercio Ltda.         CID002707           Tantalum         Taki Chemical Co., Ltd.         CID001869           Tantalum         Taki Chemical Co., Ltd.         CID001889           Tantalum         Telex Metals         CID001891           Tantalum         Uiba Metallungical Plant JSC         CID001969           Tantalum         Xinxing HaoRong Electronic Material Co., Ltd.         CID002508           Tantalum         Yancheng Jinye New Material Technology Co., Ltd.         CID003583           Tantalum         Yancheng Jinye New Material Technology Co., Ltd.         CID000252           Tin         Alpha         CID000252           Tin         Alpha         CID0002703           Tin         Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.         CID0002703           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID0003190           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID003190           Tin         Chifeng Tangiazi Tin Industry Co., Ltd.         CID003190           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID003190           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID003486           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID003486	Tantalum		
Tantalum         Solikamsk Magnesium Works OAO         CID001769           Tantalum         Taki Chemical Co., Ltd.         CID001891           Tantalum         Telex Metals         CID001891           Tantalum         Ulba Metallurgical Plant JSC         CID001905           Tantalum         XinXing HaoRong Electronic Material Co., Ltd.         CID002508           Tantalum         Yancheng Jinye New Material Technology Co., Ltd.         CID003583           Tantalum         Yanling Jincheng Tantalum & Niobium Co., Ltd.         CID0002522           Tin         Alpha         CID000220           Tin         Alp Vin Joint Stock Mineral Processing Company         CID000220           Tin         Cherzhou Yunxiang Mining and Metallurgy Co., Ltd.         CID000210           Tin         Chiefing Dajingzi Tin Industry Co., Ltd.         CID0001070           Tin         Chierachou Yunxiang Mining and Metallurgy Co., Ltd.         CID0001070           Tin         Chierachou Yunxiang Mining and Metallurgy Co., Ltd.         CID0001070           Tin         Chierachou Yunxiang Mining and Metallurgy Co., Ltd.         CID0001070           Tin         China Tin Group Co., Ltd.         CID0003521           Tin         CRM Synegies         CID0002552           Tin         CD000240         CID0002552 <td>Tantalum</td> <td>QuantumClean</td> <td>CID001508</td>	Tantalum	QuantumClean	CID001508
Tantalum         Taki Chemical Co., Itd.         CID001891           Tantalum         Tlex Metals         CID001969           Tantalum         Viba Metallurgical Plant JSC         CID001969           Tantalum         Xin Xing Haokong Electronic Material Co., Ltd.         CID002508           Tantalum         Yancheng Jinye New Material Technology Co., Ltd.         CID001522           Tin         Alpha         CID000292           Tin         Alpha         CID000292           Tin         An Vinh Joint Stock Mineral Processing Company         CID000292           Tin         Chirenzhou Yunxiang Mining and Metallurgy Co., Ltd.         CID000292           Tin         Chirenzhou Yunxiang Mining and Metallurgy Co., Ltd.         CID000310           Tin         Chiren Dajingar Tin Industry Co., Ltd.         CID000310           Tin         Chiren Dajingar Tin Industry Co., Ltd.         CID000310           Tin         CRM Fundica De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda         CID000170           Tin         CRM Spreegies         CID003524           Tin         CV Venus Inti Perkasa         CID003524           Tin         CV Venus Inti Perkasa         CID003525           Tin         Donoggaun CiEXPO Environmental Engineering Co., Ltd.         CID003525			CID002707
Tantalum         Telex Metals         CID001891           Tantalum         Ulba Metallurgical Plant JSC         CID001960           Tantalum         XinXing HaoRong Electronic Material Co., Ltd.         CID002508           Tantalum         Yancheng Jinye New Material Technology Co., Ltd.         CID003503           Tantalum         Yanling Jinicheng Tantalum & Niobium Co., Ltd.         CID000522           Tin         Alpha         CID000220           Tin         An Vinh Joint Stock Mineral Processing Company         CID0002703           Tin         Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.         CID0003100           Tin         Chine Tin Group Co., Ltd.         CID000170           Tin         Chine Tin Group Co., Ltd.         CID000170           Tin         CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda         CID003466           Tin         CRM Synergies         CID003526           Tin         CRM Synergies         CID003566           Tin         CRM Synergies         CID000402           Tin         CRM Synergies         CID000402           Tin         CRM Synergies         CID000455           Tin         Dooga Git XPO Environmental Engineering Co., Ltd.         CID000425           Tin         Electro-Mec	Tantalum	Solikamsk Magnesium Works OAO	CID001769
Tantalum         Ulba Metallurgical Plant ISC         CID001969           Tantalum         XinXing HaoRong Electronic Material Co., Ltd.         CID002508           Tantalum         Yancheng Jinye New Material Technology Co., Ltd.         CID003523           Tantalum         Yanling, Jincheng Tantalum & Niobium Co., Ltd.         CID000222           Tin         Alpha         CID0002203           Tin         Alvinh Joint Stock Mineral Processing Company         CID0002703           Tin         Cherabou Yunxiang Mining and Metallurgy Co., Ltd.         CID000220           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID003190           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID003190           Tin         Chifeng Dajingzi Tin Industry Co., Ltd.         CID003190           Tin         CRM Fundica De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda         CID003460           Tin         CRM Synergies         CID003524           Tin         CV Wens Intil Perkasa         CID003552           Tin         Dongguan CiEXPO Environmental Engineering Co., Ltd.         CID003552           Tin         Dowa         CID003552           Tin         Dowa         CID000355           Tin         Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joi	Tantalum	Taki Chemical Co., Ltd.	CID001869
Tantalum         XinXing HaoRong Electronic Material Co., Ltd.         CID002508           Tantalum         Yancheng Jinye New Material Technology Co., Ltd.         CID003583           Tantalum         Yanling Jincheng Tantalum & Niobium Co., Ltd.         CID0001522           Tin         Alpha         CID000292           Tin         An Vinh Joint Stock Mineral Processing Company         CID000228           Tin         Chiena Daijingzi Tin Industry Co., Ltd.         CID000190           Tin         Chiena Tin Group Co., Ltd.         CID001907           Tin         Chiena Tin Group Co., Ltd.         CID001970           Tin         CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda         CID003524           Tin         CRM Synergies         CID003524           Tin         CV Venus Inti Perkasa         CID003524           Tin         Dongguan CIEXPO Environmental Engineering Co., Ltd.         CID003525           Tin         Dongguan CIEXPO Environmental Engineering Co., Ltd.         CID00352           Tin         Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company         CID00352           Tin         Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company         CID000438           Tin         Estanho de Rondonia S.A.         CID00048<	Tantalum		CID001891
TantalumYancheng Jinye New Material Technology Co., Ltd.CID001522TinAlphaCID001522TinAn Vinh Joint Stock Mineral Processing CompanyCID002703TinAn Vinh Joint Stock Mineral Processing CompanyCID002228TinChenzhou Yunxiang Mining and Metallurgy Co., Ltd.CID000228TinChifeng Dajingzi Tin Industry Co., Ltd.CID0003190TinChina Tin Group Co., Ltd.CID003190TinCRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil LtdaCID003486TinCRM SynergiesCID003524TinCV Venus Inti PerkasaCID003524TinDongguan CiEXPO Environmental Engineering Co., Ltd.CID003356TinDowaCID000402TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID002572TinEM VintoCID000408TinEstanho de Rondonia S.A.CID000488TinFabrica Auricchio Industria e Comercio Ltda.CID000488TinFabrica Auricchio Industry and Trade Co., Ltd.CID000488TinGejiu City Fuxiang Industry and Trade Co., Ltd.CID000492TinGejiu Kai Meng Industry and Trade Lt.CCID000492TinGejiu Kai Meng Industry and Trade Co., Ltd.CID000492TinGejiu Vinxin Nonferrous Belectolysis Co., Ltd.CID001908TinGejiu Vinxin Nonferrous Metal Processing Co., Ltd.CID001316TinHangwis Minerais Metais e Ligas Ltda.CID001250TinMa'anshan Weitai	Tantalum	Ulba Metallurgical Plant JSC	CID001969
TantalumYanling Jincheng Tantalum & Niobium Co., Ltd.CID001522TinAlphaCID0002793TinAn Vinh Joint Stock Mineral Processing CompanyCID002703TinChenzhou Yunxiang Mining and Metallurgy Co., Ltd.CID003190TinChifeng Dajingzi Tin Industry Co., Ltd.CID003190TinChina Tin Group Co., Ltd.CID001070TinCRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil LtdaCID003486TinCRM SynergiesCID003524TinCV Venus Inti PerkasaCID003524TinDongguan CiEXPO Environmental Engineering Co., Ltd.CID003356TinDowaCID000402TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID000452TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID000452TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID000452TinEstanho de Rondonia S.A.CID000448TinFabrica Auricchio Industria e Comercio Ltda.CID003582TinFenix MetalsCID003582TinFenix MetalsCID003541TinGejiu Kai Meng Industry and Trade Lt.CCID003541TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000342TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000316TinGangdong Hanhe Non-Ferrous Metal Co., Ltd.CID00337TinMagnu's Minerais Metais e Ligas Ltda.CID00337	Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CID002508
Tin       Alpha       CID000292         Tin       An Vinh Joint Stock Mineral Processing Company       CID002703         Tin       Cherzbou Yunxiang Mining and Metallurgy Co., Ltd.       CID000228         Tin       Chifeng Dajingzi Tin Industry Co., Ltd.       CID001070         Tin       China Tin Group Co., Ltd.       CID001070         Tin       CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda       CID003486         Tin       CRM Synergies       CID003524         Tin       CV Venus Inti Perkasa       CID003524         Tin       Dongguan CiEXPO Environmental Engineering Co., Ltd.       CID003455         Tin       Dongguan CiEXPO Environmental Engineering Co., Ltd.       CID003460         Tin       Dowa       CID0004402         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID002572         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID000452         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID000452         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID000488         Tin       Fashnho de Rondonia S.A.       CID000488         Tin <td>Tantalum</td> <td>Yancheng Jinye New Material Technology Co., Ltd.</td> <td>CID003583</td>	Tantalum	Yancheng Jinye New Material Technology Co., Ltd.	CID003583
Inn       An Vinh Joint Stock Mineral Processing Company       CID002703         Tin       Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.       CID0003190         Tin       Chifeng Dajingzi Tin Industry Co., Ltd.       CID000170         Tin       China Tin Group Co., Ltd.       CID001670         Tin       CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda       CID003486         Tin       CRM Synergies       CID003524         Tin       CV Venus Inti Perkasa       CID003524         Tin       Dongguan CiEXPO Environmental Engineering Co., Ltd.       CID003556         Tin       Dowa       CID000402         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID000452         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID000452         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID000452         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID000452         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID000453         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Co., Ltd.       CID000448         Tin </td <td>Tantalum</td> <td>Yanling Jincheng Tantalum &amp; Niobium Co., Ltd.</td> <td>CID001522</td>	Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CID001522
TinChenzhou Yunxiang Mining and Metallurgy Ĉo., Ltd.CID000228TinChifeng Dajingzi Tin Industry Co., Ltd.CID003190TinChina Tin Group Co., Ltd.CID003486TinCRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil LtdaCID003486TinCRM SynergiesCID003524TinCV Venus Inti PerkasaCID002355TinDongguan CiEXPO Environmental Engineering Co., Ltd.CID003356TinDowaCID0003402TinDowaCID000402TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID000432TinE M VintoCID000438TinE stanho de Rondonia S.A.CID000448TinFabrica Auricchio Industria e Comercio Ltda.CID0003482TinFenix MetalsCID000448TinGejiu City Fuxiang Industry and Trade Lt.CCID000468TinGejiu City Fuxiang Industry and Trade Lt.CCID000446TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID0003410TinGejiu Vinxin Nonferrous Electrolysis Co., Ltd.CID000538TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000553TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID001316TinJiangxi New Nanshan Technology Ltd.CID003379TinMa Sanshan Weitai Tin Co., Ltd.CID003379TinMalaysia Smelting Corporation (MSC)CID001105TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.<	Tin	Alpha	CID000292
Tin       Chifeng Dajingzi Tin Industry Co., Ltd.       CID003190         Tin       China Tin Group Co., Ltd.       CID001070         Tin       CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda       CID003486         Tin       CRM Synergies       CID003524         Tin       CV Venus Inti Perkasa       CID002455         Tin       Dongguan CiEXPO Environmental Engineering Co., Ltd.       CID003456         Tin       Dowa       CID000402         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID002572         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID002572         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID002572         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID002572         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID000428         Tin       Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company       CID000348         Tin       Fabrica Auricchio Industry and Trade Lo.       CID000468         Tin       Gejiu City Fuxiang Industry and Trade Lo., Ltd.       CID00019042         Ti	Tin	An Vinh Joint Stock Mineral Processing Company	CID002703
TinChina Tin Group Co., Ltd.CID001070TinCRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil LtdaCID003486TinCRM SynergiesCID003524TinCV Venus Inti PerkasaCID003555TinDongguan CiEXPO Environmental Engineering Co., Ltd.CID003356TinDowaCID000402TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID000472TinEM VintoCID000438TinFabrica Auricchio Industria e Comercio Ltda.CID000448TinFabrica Auricchio Industria e Comercio Ltda.CID000448TinFenix MetalsCID000468TinGejiu City Fuxiang Industry and Trade Co., Ltd.CID003410TinGejiu Kai Meng Industry and Trade LLCCID000410TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000538TinGejiu Vinxin Nonferrous Electrolysis Co., Ltd.CID000938TinGejiu Zili Mining And Metallurgy Co., Ltd.CID001908TinGejiu Zili Mining And Metallurgy Co., Ltd.CID001316TinJiangxi New Nanshan Technology Ltd.CID003379TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMa'anshan Weitai Tin Co., Ltd.CID002500TinMetallo Resources, Inc.CID001142TinMetallo Spain S.L.U.CID002773TinMetallo Spain S.L.U.CID002773TinMineracao Taboca S.A.CID001173TinMineracao Taboca S.A.CID001173 </td <td>Tin</td> <td>Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.</td> <td></td>	Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	
TinCRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil LtdaCID003486TinCRM SynergiesCID003524TinCV Venus Inti PerkasaCID003556TinDongguan CiEXPO Environmental Engineering Co., Ltd.CID003356TinDowaCID000402TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID002572TinEM VintoCID000438TinEstanho de Rondonia S.A.CID000448TinFabrica Auricchio Industria e Comercio Ltda.CID0003582TinFenix MetalsCID0003582TinGejiu City Fuxiang Industry and Trade Co., Ltd.CID000468TinGejiu Kai Meng Industry and Trade LLCCID000410TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000388TinGejiu Viuxin Nonferrous Electrolysis Co., Ltd.CID000538TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID002500TinMetallo Resources, Inc.CID002773TinMetallo Spain S.L.U.CID002773TinMetallo Spain S.L.U.CID002773TinMineracao Taboca S.A.CID001182TinMineracao Taboca S.A.CID001182TinMineracao Taboca S.A.CID001173	Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CID003190
TinCRM SynergiesCID003524TinCV Venus Inti PerkasaCID002356TinDongguan CiEXPO Environmental Engineering Co., Ltd.CID003356TinDowaCID00402TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID00438TinEM VintoCID000438TinEstanho de Rondonia S.A.CID000448TinFabrica Auricchio Industria e Comercio Ltda.CID003582TinFenix MetalsCID0003410TinGejiu City Fuxiang Industry and Trade Co., Ltd.CID003410TinGejiu Kai Meng Industry and Trade LLCCID003410TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000538TinGejiu Vinxin Nonferrous Electrolysis Co., Ltd.CID000942TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000955TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID001106TinJiangxi New Nanshan Technology Ltd.CID001316TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003387TinMajanyis Minerais Metais e Ligas Ltda.CID001105TinMelt Metais e Ligas S.A.CID001105TinMetallic Resources, Inc.CID001173TinMetallo Belgium N.V.CID002773TinMetallo Belgium N.V.CID002773TinMineracao Taboca S.A.CID001105TinMineracao Taboca S.A.CID0011105TinMineracao Taboca S.A.CID0011173<	Tin	China Tin Group Co., Ltd.	CID001070
TinCV Venus Inti PerkasaCID002455TinDongguan CiEXPO Environmental Engineering Co., Ltd.CID003356TinDowaCID000402TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID002572TinEM VintoCID000438TinEstanho de Rondonia S.A.CID000448TinFabrica Auricchio Industria e Comercio Ltda.CID003882TinFenix MetalsCID000468TinGejiu City Fuxiang Industry and Trade LLCCID000468TinGejiu Kai Meng Industry and Trade LLCCID000942TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID000942TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID000538TinGejiu Yunxin Nonferrous Metal Processing Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID001131TinLuna Smelter, Ltd.CID003379TinMa'arshan Weitai Tin Co., Ltd.CID003379TinMa'arshan Weitai Tin Co., Ltd.CID003379TinMalaysia Smelting Corporation (MSC)CID001105TinMetallic Resources, Inc.CID001142TinMetallo Spain S.L.U.CID002773TinMetallo Spain S.L.U.CID001173TinMineracao Taboca S.A.CID001182TinMineracao Taboca S.A.CID001182TinMineracao Taboca S.A.CID001182	Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	CID003486
TinDongguan CiEXPO Environmental Engineering Co., Ltd.CID003356TinDowaCID000402TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID002572TinEM VintoCID000438TinEstanho de Rondonia S.A.CID000448TinFabrica Auricchio Industria e Comercio Ltda.CID003582TinFenix MetalsCID000468TinGejiu City Fuxiang Industry and Trade Lo.CID000468TinGejiu Kai Meng Industry and Trade LLCCID000942TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000942TinGejiu Yinxin Nonferrous Electrolysis Co., Ltd.CID000538TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000955TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID001165TinJiangxi New Nanshan Technology Ltd.CID001131TinJiangxi New Nanshan Technology Ltd.CID001231TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID003379TinMalaysia Smelting Corporation (MSC)CID001105TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002173TinMineracao Taboca S.A.CID001182TinMineracao Taboca S.A.CID001182TinMineracao Taboca S.A.CID001182TinMineracao Taboca S.A.CID001182	Tin	CRM Synergies	CID003524
TinDowaCID000402TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID002572TinEM VintoCID00438TinEstanho de Rondonia S.A.CID000448TinFabrica Auricchio Industria e Comercio Ltda.CID003582TinFenix MetalsCID000468TinGejiu City Fuxiang Industry and Trade Co., Ltd.CID003410TinGejiu Kai Meng Industry and Trade LLCCID00942TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000538TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID000538TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID001231TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID003379TinMalaysia Smelting Corporation (MSC)CID001105TinMetallic Resources, Inc.CID001102TinMetallo Spain S.L.U.CID002773TinMetallo Spain S.L.U.CID001773TinMineracao Taboca S.A.CID001173TinMineracao Taboca S.A.CID001172TinMinsulishi Materials CorporationCID001182TinMinsulishi Materials CorporationCID001182	Tin	CV Venus Inti Perkasa	CID002455
TinElectro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock CompanyCID002572TinEM VintoCID000448TinEstanho de Rondonia S.A.CID000448TinFabrica Auricchio Industria e Comercio Ltda.CID003582TinFenix MetalsCID000468TinGejiu City Fuxiang Industry and Trade Co., Ltd.CID003410TinGejiu Kai Meng Industry and Trade LLCCID000462TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000538TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID000538TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID001316TinJiangxi New Nanshan Technology Ltd.CID001387TinMa'anshan Weitai Tin Co., Ltd.CID003387TinMagnu's Minerais Metais e Ligas Ltda.CID003387TinMagnu's Minerais Metais e Ligas Ltda.CID002500TinMetallic Resources, Inc.CID001105TinMetallic Resources, Inc.CID002773TinMetallo Spain S.L.U.CID002773TinMetallo Spain S.L.U.CID002774TinMineraca Taboca S.A.CID001182TinMinsurCID001181TinMitsubishi Materials CorporationCID001191	Tin	Dongguan CiEXPO Environmental Engineering Co., Ltd.	CID003356
TinEM VintoCID000438TinEstanho de Rondonia S.A.CID000448TinFabrica Auricchio Industria e Comercio Ltda.CID0003582TinFenix MetalsCID000468TinGejiu City Fuxiang Industry and Trade Co., Ltd.CID0003410TinGejiu Kai Meng Industry and Trade LLCCID000942TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000538TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID000558TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID001106TinJiangxi New Nanshan Technology Ltd.CID0013116TinJiangxi New Nanshan Weitai Tin Co., Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003387TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMetallic Resources, Inc.CID001105TinMetallic Resources, Inc.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001173TinMinsurCID0011173TinMitsubishi Materials CorporationCID001191	Tin	Dowa	CID000402
Tin         Estanho de Rondonia S.A.         CID000448           Tin         Fabrica Auricchio Industria e Comercio Ltda.         CID003582           Tin         Fenix Metals         CID000468           Tin         Gejiu City Fuxiang Industry and Trade Co., Ltd.         CID003410           Tin         Gejiu Kai Meng Industry and Trade LLC         CID000942           Tin         Gejiu Vanxin Nonferrous Metal Processing Co., Ltd.         CID000538           Tin         Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.         CID001908           Tin         Gejiu Zili Mining And Metallurgy Co., Ltd.         CID000555           Tin         Guangdong Hanhe Non-Ferrous Metal Co., Ltd.         CID003116           Tin         Jiangxi New Nanshan Technology Ltd.         CID003116           Tin         Jiangxi New Nanshan Technology Ltd.         CID001231           Tin         Ma'anshan Weitai Tin Co., Ltd.         CID003387           Tin         Magnu's Minerais Metais e Ligas Ltda.         CID003379           Tin         Malaysia Smelting Corporation (MSC)         CID001105           Tin         Metallo Resources, Inc.         CID001125           Tin         Metallo Spain S.L.U.         CID002773           Tin         Metallo Spain S.L.U.         CID001173 <t< td=""><td>Tin</td><td>Electro-Mechanical Facility of the Cao Bang Minerals &amp; Metallurgy Joint Stock Company</td><td>CID002572</td></t<>	Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	CID002572
TinFabrica Auricchio Industria e Comercio Ltda.CID003582TinFenix MetalsCID000468TinGejiu City Fuxiang Industry and Trade Co., Ltd.CID003410TinGejiu Kai Meng Industry and Trade LLCCID000942TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000538TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID001908TinGejiu Zili Mining And Metallurgy Co., Ltd.CID001908TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID001231TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003387TinMagnu's Minerais Metais e Ligas Ltda.CID003468TinMalaysia Smelting Corporation (MSC)CID001105TinMelt Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Spain S.L.U.CID002773TinMetallo Spain S.L.U.CID002773TinMineracao Taboca S.A.CID001773TinMinsurCID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	EM Vinto	CID000438
TinFenix MetalsCID000468TinGejiu City Fuxiang Industry and Trade Co., Ltd.CID003410TinGejiu Kai Meng Industry and Trade LLCCID000942TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000538TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID0001908TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID003116TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003387TinMagnu's Minerais Metais e Ligas Ltda.CID00379TinMalaysia Smelting Corporation (MSC)CID001105TinMelt Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Spain S.L.U.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Estanho de Rondonia S.A.	CID000448
TinGejiu City Fuxiang Industry and Trade Co., Ltd.CID003410TinGejiu Kai Meng Industry and Trade LLCCID000942TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000538TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID001908TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID001231TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMet Metais e Ligas S.A.CID002500TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002773TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Fabrica Auricchio Industria e Comercio Ltda.	CID003582
TinGejiu Kai Meng Industry and Trade LLCCID000942TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000538TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID001908TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID001231TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMet Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Fenix Metals	CID000468
TinGejiu Non-Ferrous Metal Processing Co., Ltd.CID000538TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID001908TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID001231TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMelt Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Gejiu City Fuxiang Industry and Trade Co., Ltd.	CID003410
TinGejiu Yunxin Nonferrous Electrolysis Co., Ltd.CID001908TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID001231TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMet Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin		CID000942
TinGejiu Zili Mining And Metallurgy Co., Ltd.CID000555TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID001231TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMelt Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin		CID000538
TinGuangdong Hanhe Non-Ferrous Metal Co., Ltd.CID003116TinJiangxi New Nanshan Technology Ltd.CID001231TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMelt Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin		
TinJiangxi New Nanshan Technology Ltd.CID001231TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMelt Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CID000555
TinLuna Smelter, Ltd.CID003387TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMet Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CID003116
TinMa'anshan Weitai Tin Co., Ltd.CID003379TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMet Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Jiangxi New Nanshan Technology Ltd.	CID001231
TinMagnu's Minerais Metais e Ligas Ltda.CID002468TinMalaysia Smelting Corporation (MSC)CID001105TinMet Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Luna Smelter, Ltd.	CID003387
TinMalaysia Smelting Corporation (MSC)CID001105TinMelt Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Ma'anshan Weitai Tin Co., Ltd.	CID003379
TinMelt Metais e Ligas S.A.CID002500TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Magnu's Minerais Metais e Ligas Ltda.	
TinMetallic Resources, Inc.CID001142TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Malaysia Smelting Corporation (MSC)	CID001105
TinMetallo Belgium N.V.CID002773TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin	Melt Metais e Ligas S.A.	CID002500
TinMetallo Spain S.L.U.CID002774TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin		CID001142
TinMineracao Taboca S.A.CID001173TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin		
TinMinsurCID001182TinMitsubishi Materials CorporationCID001191	Tin		CID002774
Tin Mitsubishi Materials Corporation CID001191	Tin	Mineracao Taboca S.A.	CID001173
	Tin	Minsur	CID001182
Tin Modeltech Sdn Bhd CID002858		Mitsubishi Materials Corporation	CID001191
	Tin	Modeltech Sdn Bhd	CID002858

Metal	Smelter Name	Smelter ID
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	CID002573
Tin	Novosibirsk Processing Plant Ltd.	CID001305
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	CID001314
Tin	O.M. Manufacturing Philippines, Inc.	CID002517
Tin	Operaciones Metalurgicas S.A.	CID001337
Tin	Pongpipat Company Limited	CID003208
Tin	Precious Minerals and Smelting Limited	CID003409
Tin	PT Aries Kencana Sejahtera	CID000309
Tin	PT Artha Cipta Langgeng	CID001399
Tin	PT ATD Makmur Mandiri Jaya	CID002503
Tin	PT Babel Inti Perkasa	CID001402
Tin	PT Babel Surya Alam Lestari	CID001406
Tin	PT Bangka Serumpun	CID003205
Tin	PT Belitung Industri Sejahtera	CID001421
Tin	PT Bukit Timah	CID001428
Tin	PT Cipta Persada Mulia	CID002696
Tin	PT Masbro Alam Stania	CID003380
Tin	PT Menara Cipta Mulia	CID002835
Tin	PT Mitra Stania Prima	CID001453
Tin	PT Mitra Sukses Globalindo	CID003449
Tin	PT Panca Mega Persada	CID001457
Tin	PT Prima Timah Utama	CID001458
Tin	PT Rajawali Rimba Perkasa	CID003381
Tin	PT Refined Bangka Tin	CID001460
Tin	PT Sariwiguna Binasentosa	CID001463
Tin	PT Stanindo Inti Perkasa	CID001468
Tin	PT Sukses Inti Makmur	CID002816
Tin	PT Timah Nusantara	CID001486
Tin	PT Timah Tbk Kundur	CID001477
Tin	PT Timah Tbk Mentok	CID001482
Tin	PT Tinindo Inter Nusa	CID001490
Tin	PT Tirus Putra Mandiri	CID002478
Tin	PT Tommy Utama	CID001493
Tin	Resind Industria e Comercio Ltda.	CID002706
Tin	Rui Da Hung	CID001539
Tin	Soft Metais Ltda.	CID001353 CID001758
Tin	Super Ligas	CID001736 CID002756
Tin	Thai Nguyen Mining and Metallurgy Co., Ltd.	CID002730 CID002834
Tin	Thaisarco	CID002034 CID001898
Tin	Tin Technology & Refining	CID001030 CID003325
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	CID003523
Tin	VQB Mineral and Trading Group JSC	CID002574 CID002015
Tin	White Solder Metalurgia e Mineracao Ltda.	CID002013 CID002036
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CID002036 CID002158
Tin Tin		CID002188 CID002180
	Yunnan Tin Company Limited	
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CID003397
Tungsten	A.L.M.T. Corp.	CID000004
Tungsten	ACL Metais Eireli	CID002833
Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	CID003427

15.1	a le v	
Metal Tungatan	Smelter Name Artek LLC	Smelter ID CID003553
Tungsten	Asia Tungsten Products Vietnam Ltd.	CID003555 CID002502
Tungsten		
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd. China Molybdenum Co., Ltd.	CID002513 CID002641
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CID002641 CID000258
Tungsten	Gr.	
Tungsten	CNMC (Guangxi) PGMA Co., Ltd.	CID00281
Tungsten	Cronimet Brasil Ltda	CID003468
Tungsten	Fujian Ganmin RareMetal Co., Ltd.	CID003401
Tungsten	Fujian Xinlu Tungsten	CID003609
Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.	CID002645
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CID000875
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CID002315
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CID002494
Tungsten	GEM Co., Ltd.	CID003417
Tungsten	Global Tungsten & Powders Corp.	CID000568
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CID000218
Tungsten	H.C. Starck Smelting GmbH & Co. KG	CID002542
Tungsten	H.C. Starck Tungsten GmbH	CID002541
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CID000766
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CID000769
Tungsten	Hydrometallurg, JSC	CID002649
Tungsten	Japan New Metals Co., Ltd.	CID000825
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CID002551
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CID002321
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CID002313
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CID002318
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CID002317
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CID002316
Tungsten	JSC "Kirovgrad Hard Alloys Plant"	CID003408
Tungsten	Kennametal Fallon	CID000966
Tungsten	Kennametal Huntsville	CID000105
Tungsten	KGETS Co., Ltd.	CID003388
Tungsten	Lianyou Metals Co., Ltd. LLC Volstok	CID003407
Tungsten		CID003643 CID002319
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	
Tungsten	Masan Tungsten Chemical LLC (MTC)	CID002543
Tungsten	Moliren Ltd.	CID002845
Tungsten	Niagara Refining LLC	CID002589 CID003416
Tungsten	NPP Tyazhmetprom LLC	
Tungsten	OOO "Technolom" 1	CID003614
Tungsten	OOO "Technolom" 2	CID003612
Tungsten	Philippine Chuangxin Industrial Co., Inc.	CID002827
Tungsten	Unecha Refractory metals plant	CID002724
Tungsten	Wolfram Bergbau und Hutten AG	CID002044
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CID002320
Tungsten	Xiamen Tungsten Co., Ltd.	CID002082
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CID002830