

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM SD**

Specialized Disclosure Report

**LITTELFUSE, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction of incorporation  
or organization)

**0-20388**

(Commission File Number)

**36-3795742**

(IRS Employer Identification No.)

**8755 W Higgins Road, Suite 500,  
Chicago, IL**

(Address of principal executive offices)

**60631**

(Zip Code)

**Meenal A. Sethna**

**(773) 628-1000**

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

---

Check the appropriate box below 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, 2018.

## Section 1 – Conflict Minerals Disclosure

### Item 1.01 Conflict Minerals Disclosure and Report

This Specialized Disclosure Report on Form SD (“Form SD”) of Littelfuse, Inc. for the year ended December 31, 2019 is presented to comply with Rule 13p-1 under the Securities Exchange Act of 1934, as amended (the “Exchange Act”). Rule 13p-1 under the Exchange Act provides that a registrant must file this specialized disclosure report on Form SD if it manufactures or contracts to manufacture products for which certain “Conflict Minerals” (as defined below) are necessary to the functionality or production of such products. Conflict Minerals are defined as (i) cassiterite, columbite-tantalite, gold, wolframite, or their derivatives, which are limited to tin, tantalum, tungsten, and gold, or (ii) any other mineral or its derivatives determined by the U.S. Secretary of State to be financing conflict in the Democratic Republic of the Congo or an adjoining country (collectively, the “Covered Countries”).

As required for products that contain the Conflict Minerals, Littelfuse, Inc. conducted in good faith a reasonable country of origin inquiry that it believes was reasonably designed to determine whether any of the necessary Conflict Minerals contained in its products manufactured in calendar year 2019 originated in the Covered Countries. The Conflict Minerals Report, which describes this inquiry and other information, is provided as an exhibit to this report and is also publicly available on the Littelfuse website at <http://investor.littelfuse.com/corporate-governance/governance-overview>.

### Item 1.02 Exhibit

The Conflict Minerals Report is attached as Exhibit 1.01 to this Form SD.

### Item 2.01 Exhibits

The following exhibit is filed as part of this Form SD.

<u>Exhibit No.</u>	<u>Description</u>
1.01	<a href="#">Littelfuse, Inc. Conflict Minerals Report for the Year Ended December 31, 2019.</a>

## SIGNATURES

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 duly authorized undersigned.

### LITTELFUSE, INC.

By: /s/ Meenal A. Sethna  
Meenal A. Sethna  
Executive Vice President and Chief Financial Officer

Date: May 28, 2020

## LITTELFUSE, INC.

**Conflict Minerals Report  
For the Year Ended December 31, 2019**

This Conflict Minerals Report (“Report”) of Littelfuse, Inc. and its consolidated subsidiaries (collectively, “Company,” “we” or “our”) for the year ended December 31, 2019 is filed in accordance with Rule 13p-1 under the Securities Exchange Act of 1934, as amended (the “Rule”). The Rule requires the disclosure of certain information if a registrant manufactures or contracts to manufacture products for which certain “Conflict Minerals” (as defined below) are necessary to the functionality or production of such products. Conflict Minerals are defined as (i) cassiterite, columbite-tantalite, gold, wolframite, or their derivatives, which are limited to tin, tantalum, tungsten, and gold, or (ii) any other mineral or its derivatives determined by the U.S. Secretary of State to be financing conflict in the Democratic Republic of the Congo or an adjoining country (collectively, the “Covered Countries”).

The Company’s operations, including through its subsidiaries, may at times manufacture, or contract to manufacture, products for which Conflict Minerals are necessary to the functionality or production of those products. During 2017, Littelfuse, Inc. became a member of the Responsible Minerals Initiative (“RMI”), formerly the Conflict-Free Sourcing Initiative. We leveraged our RMI membership to continue to monitor best practices related to our reasonable country of origin inquiry (“RCOI”) of the Conflict Minerals in our supply chain during 2019.

This RCOI was reasonably designed to determine whether any of the Conflict Minerals originated from the Covered Countries and whether any of the Conflict Minerals may be from recycled or scrap sources. The results of our reasonable country of origin inquiry regarding the Conflict Minerals, as well as our additional due diligence regarding the sources of the Conflict Minerals, are contained in this Report.

The report presented herein is not audited.

**1. Company Overview**

Founded in 1927, Littelfuse, Inc. is a global manufacturer of leading technologies in circuit protection, power control and sensing. Serving over 100,000 end customers, the Company's products are found in automotive and commercial vehicles, industrial applications, data and telecommunications, medical devices, consumer electronics and appliances. With our broad product portfolio of fuses, semiconductors, polymers, ceramics, relays and sensors, and extensive global infrastructure, the Company's worldwide associates partner with our customers to design, manufacture and deliver innovative, high-quality solutions for a safer, greener and increasingly connected world.

The Company’s reporting segments consist of Electronics, Automotive and Industrial, as described more fully in Part I, Item 1 of the Company’s annual report on Form 10-K for the year ended December 28, 2019. Such annual report is available free of charge through the Investor Relations section of the Company’s website at <http://investor.littelfuse.com/financial-information/annual-reports>. The information contained in the Company’s website is not incorporated by reference into this Report and should not be considered part of this Report.

**Supply Chain**

The Company manufactures, or contracts for the manufacture of, a wide range of products that contain Conflict Minerals but we do not purchase ore or unrefined Conflict Minerals directly from mines, smelters or refiners and generally are many levels downstream from these market participants. For this reason, we rely on the information provided by our direct suppliers along with appropriate due diligence processes. Through the process described in this Report, we seek to ensure that our sourcing practices are consistent with our guiding principles on responsibly sourcing the Conflict Minerals and to encourage responsible minerals sourcing in our supply chain.

## 2. Reasonable Country of Origin Inquiry

Our RCOI began with a review of all our materials suppliers that, due to the nature of their business, might utilize Conflict Minerals (referred to as “direct suppliers”). Direct suppliers were contacted to complete the Conflict Minerals Reporting Template (the “CMRT”). The CMRT is regarded as the most commonly accepted reporting tool for conflict minerals content and sourcing information worldwide. Upon request, suppliers were provided with training materials on how to complete the CMRT. The CMRT asked the suppliers, among other things, to disclose the origin of any Conflict Minerals used in their manufacturing processes and to identify the Conflict Minerals processing facilities within their supply chains.

The Company obtained responses from over 96% of our direct suppliers that were surveyed. Based on the survey responses obtained, we have reason to believe that some of the Conflict Minerals supplied to us may have originated in the Covered Countries, and we have reason to believe that certain of the Conflict Minerals came from recycled or scrap sources.

Our RCOI process was reasonably designed and performed in good faith, however, there are inherent limitations in the information provided to us by third parties, including the possibility of information being inaccurate, incomplete or falsified despite our efforts to validate and confirm the information.

## 3. Due Diligence Process

Summarized below is our due diligence process, the components of which conform to, in all material respects, the framework in the Third Edition of the Organization for Economic Co-operation and Development Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High- Risk Areas and related supplements for gold, tantalum, tin and tungsten.

### *a) Establish Company Management System*

- Maintained a Conflict Free Statement which provides that the Company expects its suppliers to continuously monitor both direct and indirect supply chains to avoid procurement of materials from Covered Countries, and to be forthright in sharing compliance information with the Company. We will show preference to suppliers that meet or exceed these requirements.
- Communicated with our direct suppliers through the above-described RCOI.
- Maintained conflict-free sourcing requirements in our purchase order terms and conditions, supplier quality manual, supplier selection policy or similar documents.
- Maintained a supplier qualification or selection program and an ongoing supplier audit program that includes, among other compliance items, confirmation of the suppliers’ adherence to our conflict-free sourcing requirements.
- In 2017 we adopted a Supplier Code of Conduct that, among other things, requires suppliers to have a policy regarding responsible sourcing of Conflict Minerals in the Covered Countries. Since that time and during 2019, our communications with our suppliers include links to or copies of the Supplier Code of Conduct.

*b) Identify and Assess Supply Chain Risks*

- Surveyed all direct suppliers that potentially supplied Conflict Minerals to the Company to determine the products provided to the Company with Conflict Minerals.
- Conducted the RCOI described above to identify the smelters and refiners that contribute Conflict Minerals to the Company's products.
- Reviewed and compared the smelters and refiners identified by direct suppliers against the list of smelter and refiner facilities that have received a "conflict free" designation through the Responsible Minerals Assurance Process ("RMAP"), formerly the Conflict-Free Smelter Program.

*c) Design and Implement a Strategy to Respond to Identified Risk*

- Conducted follow-up with direct suppliers that did not respond to the survey.
- Engaged a third-party provider to assist with providing validated information from suppliers that did not initially respond to the survey.
- Collaborated with our direct suppliers to investigate any smelter that did not have a conflict free designation through the RMAP and was not in the process of recertifying for such designation.

*d) Carry out Independent Third-Party Audit*

- The Company is a member of the Responsible Minerals Initiative. We rely on the information published by the RMI to confirm the existence and verify the conflict-free status of the smelters or refiners identified during our due diligence.

*e) Report on Supply Chain Due Diligence*

- This Report is available on our website at <http://investor.littelfuse.com/corporate-governance/governance-overview>. In addition to this Report, our Conflict Free Statement is also available on our website at <https://www.littelfuse.com/about-us/sustainability.aspx>.

#### **4. Due Diligence Results**

We solicited 1,311 direct suppliers and received a response from over 96% of them. 52% of our responding direct suppliers responded to us that the material they supply does not contain Conflict Minerals.

From the information provided to the Company by its direct suppliers, we identified 302 unique smelters or refiners in our supply chain. According to information provided by our suppliers, below is the status of the unique smelters that were identified:

Status	Number	Percentage
Conformant	235	78%
Active	6	2%
Communication Suspended - Not Interested	5	2%
Due Diligence Vetting Process	2	1%
In Communication	7	2%
Non-conformant	7	2%
Outreach required	38	13%
RMI Due Diligence Review - Unable to Proceed	2	1%

The smelter or refiner statuses utilized by RMI are defined as follows:

- "Conformant" means that the smelter has been audited and found conformant with the relevant RMAP protocol.
- "Active" means that a smelter has engaged in the RMAP program but has not yet been determined to be conformant.
- "Communication Suspended - Not Interested" means that the entity has strongly communicated a lack of interest in participation.
- "Due Diligence Vetting Process" means that the entity does not meet RMI's requirements for participation according to the due diligence vetting process.
- "In Communication" means that the entity is not yet Active but is in communication with RMAP and/or a member company.
- "Non-conformant" means that a smelter has been audited but found not conformant under the RMAP standard.
- "Outreach Required" means that outreach is needed by RMI member companies to contact entity and encourage their participation in the RMAP audit.
- "RMI Due Diligence Review - Unable to Proceed" means that the entity has not met the threshold for Due Diligence Vetting Process after a period of 6 months. Status may change if additional information is submitted.

We continue to monitor and evaluate all our direct suppliers and the smelters and refiners they report with the goal to be 100% conflict free.

The smelters or refiners participating in the RMI that provide Conflict Minerals that originated from the Covered Countries, as reported by our suppliers, are listed on Appendix A.

## 5. Future Risk Mitigation Efforts

The Company has taken or intends to undertake the following additional steps during the next compliance period. These steps are intended to improve the due diligence conducted to further mitigate the risk that our Conflict Minerals benefit armed groups:

- Continue to improve upon our acquisition integration process to enable our Conflicts Minerals working group to be more efficient and ensure practices are consistent throughout the Company.
- Maintain our direct supplier engagement efforts and follow industry standards for 2020 outreach.
- Enhance our direct supplier communication and escalation process and encourage non-validated smelters or refiners in their supply chain to pursue compliance with an independent conflict-free program, such as the RMAP.
- Participate in training programs, best practice sharing and other compliance program improvement initiatives available through our RMI membership.
- Continue to request information on the origin of cobalt in our products to help ensure that the cobalt is responsibly sourced. Together with some of our customers, we began a cobalt traceability initiative in 2019.

## Forward Looking Statement

This Report contains forward-looking statements within the meaning of the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995 ("PSRLA"). The statements in this Report that are not historical facts are intended to constitute "forward-looking statements" entitled to the safe-harbor provisions of the PSLRA. Forward-looking statements give the Company's current expectations or forecasts in future events. These forward-looking statements generally can be identified by the use of such words as "believe," "could," "estimate," "expect," "hope," "may," "plan," "project," "will," and variations of such words and similar expressions. Examples of forward-looking statements include, but are not limited to, statements concerning the additional steps that we intend to take to mitigate the risk that our necessary Conflict Minerals finance or benefit armed groups.

Such forward-looking statements are subject to risks and uncertainties that are often difficult to predict, are beyond the Company's control and could cause actual actions or performance to differ materially from those expressed in the forward-looking statements. These risks and uncertainties include, but are not limited to, (1) the continued implementation of satisfactory traceability and other compliance measures by our direct suppliers on a timely basis or at all, (2) whether smelters and refiners and other market participants responsibly source subject metals, and (3) political and regulatory developments, whether in the Covered Countries, the United States or elsewhere. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of filing of this Report. The Company undertakes no obligation to publicly update or revise forward-looking statement whether as a result of new information, future events, or otherwise, except as required by law or rules of NASDAQ.



**APPENDIX A**  
List of Smelters Identified by Surveyed Suppliers  
(as of May 18, 2020)

<b>Smelter ID</b>	<b>Metal</b>	<b>Standard Smelter Name</b>	<b>Country</b>
CID000004	Tungsten	A.L.M.T. Corp.	JAPAN
CID000015	Gold	Advanced Chemical Company	UNITED STATES OF AMERICA
CID000019	Gold	Aida Chemical Industries Co., Ltd.	JAPAN
CID000035	Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY
CID000041	Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
CID000058	Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
CID000077	Gold	Argor-Heraeus S.A.	SWITZERLAND
CID000082	Gold	Asahi Pretec Corp.	JAPAN
CID000090	Gold	Asaka Riken Co., Ltd.	JAPAN
CID000092	Tantalum	Asaka Riken Co., Ltd.	JAPAN
CID000103	Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY
CID000105	Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
CID000113	Gold	Aurubis AG	GERMANY
CID000128	Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
CID000157	Gold	Boliden AB	SWEDEN
CID000176	Gold	C. Hafner GmbH + Co. KG	GERMANY
CID000185	Gold	CCR Refinery - Glencore Canada Corporation	CANADA
CID000189	Gold	Cendres + Metaux S.A.	SWITZERLAND
CID000211	Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA
CID000218	Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
CID000228	Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
CID000233	Gold	Chimet S.p.A.	ITALY
CID000258	Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
CID000264	Gold	Chugai Mining	JAPAN
CID000292	Tin	Alpha	UNITED STATES OF AMERICA
CID000343	Gold	Daye Non-Ferrous Metals Mining Ltd.	CHINA
CID000359	Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
CID000362	Gold	DODUCO Contacts and Refining GmbH	GERMANY
CID000401	Gold	Dowa	JAPAN
CID000402	Tin	Dowa	JAPAN
CID000425	Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
CID000438	Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
CID000448	Tin	Estanho de Rondonia S.A.	BRAZIL
CID000456	Tantalum	Exotech Inc.	UNITED STATES OF AMERICA
CID000460	Tantalum	F&X Electro-Materials Ltd.	CHINA
CID000468	Tin	Fenix Metals	POLAND
CID000493	Gold	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION
CID000499	Tungsten	Fujian Jinxin Tungsten Co., Ltd.	CHINA
CID000538	Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
CID000555	Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA
CID000568	Tungsten	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA

<b>Smelter ID</b>	<b>Metal</b>	<b>Standard Smelter Name</b>	<b>Country</b>
CID000616	Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	CHINA
CID000689	Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
CID000694	Gold	Heimerle + Meule GmbH	GERMANY
CID000707	Gold	Heraeus Metals Hong Kong Ltd.	CHINA
CID000711	Gold	Heraeus Precious Metals GmbH & Co. KG	GERMANY
CID000760	Tin	Huichang Jinshunda Tin Co., Ltd.	CHINA
CID000766	Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA
CID000769	Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA
CID000801	Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
CID000807	Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
CID000814	Gold	Istanbul Gold Refinery	TURKEY
CID000823	Gold	Japan Mint	JAPAN
CID000825	Tungsten	Japan New Metals Co., Ltd.	JAPAN
CID000855	Gold	Jiangxi Copper Co., Ltd.	CHINA
CID000875	Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA
CID000914	Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
CID000917	Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
CID000920	Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
CID000924	Gold	Asahi Refining Canada Ltd.	CANADA
CID000929	Gold	JSC Uralelectromed	RUSSIAN FEDERATION
CID000937	Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
CID000942	Tin	Gejiu Kai Meng Industry and Trade LLC	CHINA
CID000956	Gold	Kazakhmys Smelting LLC	KAZAKHSTAN
CID000957	Gold	Kazzinc	KAZAKHSTAN
CID000966	Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
CID000969	Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
CID000981	Gold	Kojima Chemicals Co., Ltd.	JAPAN
CID001029	Gold	Kyrgyzaltyn JSC	KYRGYZSTAN
CID001070	Tin	China Tin Group Co., Ltd.	CHINA
CID001076	Tantalum	LSM Brasil S.A.	BRAZIL
CID001078	Gold	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF
CID001105	Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
CID001113	Gold	Materion	UNITED STATES OF AMERICA
CID001119	Gold	Matsuda Sangyo Co., Ltd.	JAPAN
CID001142	Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
CID001147	Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
CID001149	Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
CID001152	Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
CID001153	Gold	Metalor Technologies S.A.	SWITZERLAND
CID001157	Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
CID001161	Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO
CID001163	Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
CID001173	Tin	Mineracao Taboca S.A.	BRAZIL
CID001175	Tantalum	Mineracao Taboca S.A.	BRAZIL
CID001182	Tin	Minsur	PERU

<b>Smelter ID</b>	<b>Metal</b>	<b>Standard Smelter Name</b>	<b>Country</b>
CID001188	Gold	Mitsubishi Materials Corporation	JAPAN
CID001191	Tin	Mitsubishi Materials Corporation	JAPAN
CID001192	Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
CID001193	Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
CID001200	Tantalum	NPM Silmet AS	ESTONIA
CID001204	Gold	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION
CID001220	Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
CID001231	Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
CID001259	Gold	Nihon Material Co., Ltd.	JAPAN
CID001277	Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
CID001314	Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
CID001325	Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
CID001326	Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION
CID001337	Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)
CID001352	Gold	PAMP S.A.	SWITZERLAND
CID001386	Gold	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION
CID001397	Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
CID001399	Tin	PT Artha Cipta Langgeng	INDONESIA
CID001453	Tin	PT Mitra Stania Prima	INDONESIA
CID001460	Tin	PT Refined Bangka Tin	INDONESIA
CID001477	Tin	PT Timah Tbk Kundur	INDONESIA
CID001482	Tin	PT Timah Tbk Mentok	INDONESIA
CID001498	Gold	PX Precinox S.A.	SWITZERLAND
CID001508	Tantalum	QuantumClean	UNITED STATES OF AMERICA
CID001512	Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
CID001522	Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
CID001534	Gold	Royal Canadian Mint	CANADA
CID001539	Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
CID001555	Gold	Samduck Precious Metals	KOREA, REPUBLIC OF
CID001585	Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
CID001622	Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
CID001736	Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
CID001756	Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION
CID001758	Tin	Soft Metais Ltda.	BRAZIL
CID001761	Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
CID001769	Tantalum	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION
CID001798	Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
CID001869	Tantalum	Taki Chemical Co., Ltd.	JAPAN
CID001875	Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
CID001889	Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	VIET NAM
CID001891	Tantalum	Telex Metals	UNITED STATES OF AMERICA
CID001898	Tin	Thaisarco	THAILAND
CID001908	Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA

<b>Smelter ID</b>	<b>Metal</b>	<b>Standard Smelter Name</b>	<b>Country</b>
CID001916	Gold	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA
CID001938	Gold	Tokuriki Honten Co., Ltd.	JAPAN
CID001955	Gold	Torecom	KOREA, REPUBLIC OF
CID001969	Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
CID001977	Gold	Umicore Brasil Ltda.	BRAZIL
CID001980	Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
CID001993	Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
CID002003	Gold	Valcambi S.A.	SWITZERLAND
CID002030	Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
CID002036	Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
CID002044	Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
CID002082	Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
CID002095	Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA
CID002100	Gold	Yamakin Co., Ltd.	JAPAN
CID002129	Gold	Yokohama Metal Co., Ltd.	JAPAN
CID002158	Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
CID002180	Tin	Yunnan Tin Company Limited	CHINA
CID002224	Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
CID002243	Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
CID002290	Gold	SAFINA A.S.	CZECHIA
CID002314	Gold	Umicore Precious Metals Thailand	THAILAND
CID002315	Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
CID002316	Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
CID002317	Tungsten	Jiangxi Xincheng Tungsten Industry Co., Ltd.	CHINA
CID002318	Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
CID002319	Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
CID002320	Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
CID002321	Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
CID002459	Gold	Geib Refining Corporation	UNITED STATES OF AMERICA
CID002468	Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
CID002492	Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
CID002494	Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
CID002500	Tin	Melt Metais e Ligas S.A.	BRAZIL
CID002502	Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
CID002503	Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
CID002504	Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
CID002505	Tantalum	FIR Metals & Resource Ltd.	CHINA
CID002506	Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
CID002508	Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA
CID002509	Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
CID002511	Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
CID002512	Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
CID002513	Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA
CID002515	Gold	Fidelity Printers and Refiners Ltd.	ZIMBABWE

<b>Smelter ID</b>	<b>Metal</b>	<b>Standard Smelter Name</b>	<b>Country</b>
CID002516	Gold	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
CID002517	Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
CID002539	Tantalum	KEMET Blue Metals	MEXICO
CID002541	Tungsten	H.C. Starck Tungsten GmbH	GERMANY
CID002542	Tungsten	H.C. Starck Smelting GmbH & Co. KG	GERMANY
CID002543	Tungsten	Masan Tungsten Chemical LLC (MTC)	VIET NAM
CID002544	Tantalum	H.C. Starck Co., Ltd.	THAILAND
CID002545	Tantalum	H.C. Starck Tantalum and Niobium GmbH	GERMANY
CID002547	Tantalum	H.C. Starck Hermsdorf GmbH	GERMANY
CID002548	Tantalum	H.C. Starck Inc.	UNITED STATES OF AMERICA
CID002549	Tantalum	H.C. Starck Ltd.	JAPAN
CID002550	Tantalum	H.C. Starck Smelting GmbH & Co. KG	GERMANY
CID002551	Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
CID002557	Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
CID002558	Tantalum	Global Advanced Metals Aizu	JAPAN
CID002560	Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES
CID002561	Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES
CID002579	Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA
CID002580	Gold	T.C.A S.p.A	ITALY
CID002582	Gold	REMONDIS PMR B.V.	NETHERLANDS
CID002589	Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
CID002605	Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
CID002606	Gold	Marsam Metals	BRAZIL
CID002615	Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
CID002641	Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
CID002645	Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.	CHINA
CID002647	Tungsten	Jiangxi Xianglu Tungsten Co., Ltd.	CHINA
CID002649	Tungsten	Hydrometallurg, JSC	RUSSIAN FEDERATION
CID002706	Tin	Resind Industria e Comercio Ltda.	BRAZIL
CID002707	Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
CID002724	Tungsten	Unecha Refractory metals plant	RUSSIAN FEDERATION
CID002761	Gold	SAAMP	FRANCE
CID002762	Gold	L'Orfebvre S.A.	ANDORRA
CID002763	Gold	8853 S.p.A.	ITALY
CID002765	Gold	Italpreziosi	ITALY
CID002773	Tin	Metallo Belgium N.V.	BELGIUM
CID002774	Tin	Metallo Spain S.L.U.	SPAIN
CID002777	Gold	SAXONIA Edelmetalle GmbH	GERMANY
CID002778	Gold	WIELAND Edelmetalle GmbH	GERMANY
CID002779	Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA
CID002827	Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
CID002830	Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA
CID002833	Tungsten	ACL Metais Eireli	BRAZIL
CID002834	Tin	Thai Nguyen Mining and Metallurgy Co., Ltd.	VIET NAM

<b>Smelter ID</b>	<b>Metal</b>	<b>Standard Smelter Name</b>	<b>Country</b>
CID002835	Tin	PT Menara Cipta Mulia	INDONESIA
CID002842	Tantalum	Jiangxi Tuohong New Raw Material	CHINA
CID002843	Tungsten	Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF
CID002844	Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA
CID002845	Tungsten	Moliren Ltd.	RUSSIAN FEDERATION
CID002847	Tantalum	PRG Doel	NORTH MACEDONIA, REPUBLIC OF
CID002849	Tin	Guanyang Guida Nonferrous Metal Smelting Plant	CHINA
CID002850	Gold	AU Traders and Refiners	SOUTH AFRICA
CID002852	Gold	GCC Gujrat Gold Centre Pvt. Ltd.	INDIA
CID002863	Gold	Bangalore Refinery	INDIA
CID002918	Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
CID002919	Gold	Planta Recuperadora de Metales SpA	CHILE
CID002973	Gold	Safimet S.p.A	ITALY
CID003116	Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
CID003182	Tungsten	Hunan Litian Tungsten Industry Co., Ltd.	CHINA
CID003190	Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
CID003195	Gold	DS PRETECH Co., Ltd.	KOREA, REPUBLIC OF
CID003325	Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
CID003348	Gold	Dijllah Gold Refinery FZC	UNITED ARAB EMIRATES
CID003379	Tin	Ma'anshan Weitai Tin Co., Ltd.	CHINA
CID003387	Tin	Luna Smelter, Ltd.	RWANDA
CID003388	Tungsten	KGETS Co., Ltd.	KOREA, REPUBLIC OF
CID003397	Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
CID003401	Tungsten	Fujian Ganmin RareMetal Co., Ltd.	CHINA
CID003402	Tantalum	CP Metals Inc.	UNITED STATES OF AMERICA
CID003407	Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
CID003408	Tungsten	JSC "Kirovgrad Hard Alloys Plant"	RUSSIAN FEDERATION
CID003409	Tin	Precious Minerals and Smelting Limited	INDIA
CID003421	Gold	C.I Metales Procesados Industriales SAS	COLOMBIA
CID003424	Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
CID003425	Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
CID003427	Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	BRAZIL
CID003448	Tungsten	CP Metals Inc.	UNITED STATES OF AMERICA
CID000180	Gold	Caridad	MEXICO
CID000197	Gold	Yunnan Copper Industry Co., Ltd.	CHINA
CID000281	Tungsten	CNMC (Guangxi) PGMA Co., Ltd.	CHINA
CID000522	Gold	Refinery of Seemine Gold Co., Ltd.	CHINA
CID000651	Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA
CID000671	Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA
CID000767	Gold	Hunan Chenzhou Mining Co., Ltd.	CHINA
CID000773	Gold	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	CHINA
CID000778	Gold	HwaSeong CJ CO., LTD.	KOREA, REPUBLIC OF
CID001032	Gold	L'azurde Company For Jewelry	SAUDI ARABIA

<b>Smelter ID</b>	<b>Metal</b>	<b>Standard Smelter Name</b>	<b>Country</b>
CID001056	Gold	Lingbao Gold Co., Ltd.	CHINA
CID001058	Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA
CID001093	Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA
CID001236	Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
CID001362	Gold	Penglai Penggang Gold Industry Co., Ltd.	CHINA
CID001546	Gold	Sabin Metal Corp.	UNITED STATES OF AMERICA
CID001562	Gold	Samwon Metals Corp.	KOREA, REPUBLIC OF
CID001619	Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA
CID001909	Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA
CID001947	Gold	Tongling Nonferrous Metals Group Co., Ltd.	CHINA
CID002282	Gold	Morris and Watson	NEW ZEALAND
CID002312	Gold	Guangdong Jinding Gold Limited	CHINA
CID002313	Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA
CID002525	Gold	Shandong Humon Smelting Co., Ltd.	CHINA
CID002562	Gold	International Precious Metal Refiners	UNITED ARAB EMIRATES
CID002563	Gold	Kaloti Precious Metals	UNITED ARAB EMIRATES
CID002567	Gold	Sudan Gold Refinery	SUDAN
CID002572	Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	VIET NAM
CID002573	Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM
CID002574	Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM
CID002584	Gold	Fujairah Gold FZC	UNITED ARAB EMIRATES
CID002587	Gold	Tony Goetz NV	BELGIUM
CID002703	Tin	An Vinh Joint Stock Mineral Processing Company	VIET NAM
CID002708	Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
CID002756	Tin	Super Ligas	BRAZIL
CID002853	Gold	Sai Refinery	INDIA
CID002857	Gold	Modeltech Sdn Bhd	MALAYSIA
CID002858	Tin	Modeltech Sdn Bhd	MALAYSIA
CID002865	Gold	Kyshtym Copper-Electrolytic Plant ZAO	RUSSIAN FEDERATION
CID002867	Gold	Degussa Sonne / Mond Goldhandel GmbH	GERMANY
CID002872	Gold	Pease & Curren	UNITED STATES OF AMERICA
CID002893	Gold	JALAN & Company	INDIA
CID003153	Gold	State Research Institute Center for Physical Sciences and Technology	LITHUANIA
CID003185	Gold	African Gold Refinery	UGANDA
CID003186	Gold	Gold Coast Refinery	GHANA
CID003189	Gold	NH Recytech Company	KOREA, REPUBLIC OF
CID003208	Tin	Pongpipat Company Limited	MYANMAR
CID003324	Gold	QG Refining, LLC	UNITED STATES OF AMERICA
CID003356	Tin	Dongguan CiEXPO Environmental Engineering Co., Ltd.	CHINA
CID003382	Gold	CGR Metalloys Pvt Ltd.	INDIA
CID003383	Gold	Sovereign Metals	INDIA

<b>Smelter ID</b>	<b>Metal</b>	<b>Standard Smelter Name</b>	<b>Country</b>
CID003410	Tin	Gejiu City Fuxiang Industry and Trade Co., Ltd.	CHINA