

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM SD

SPECIALIZED DISCLOSURE REPORT

OTIS

OTIS WORLDWIDE CORPORATION

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation or organization)

001-39221
(Commission
File Number)

83-3789412
(I.R.S. Employer
Identification No.)

One Carrier Place
Farmington, Connecticut
(Address of principal executive offices)

06032
(Zip Code)

Nora E. LaFreniere, Executive Vice President, Chief General Counsel & Corporate Secretary,
(860) 674-3000

(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, 2020.

Otis Worldwide Corporation and its subsidiaries' names, abbreviations thereof, logos, and product and service designators are all either the registered or unregistered trademarks or tradenames of Otis Worldwide Corporation and its subsidiaries. Names, abbreviations of names, logos, and product and service designators of other companies are either the registered or unregistered trademarks or tradenames of their respective owners. As used herein, the terms "we," "us," "our," "the Company," or "Otis," unless the context otherwise requires, mean Otis Worldwide Corporation and its subsidiaries. References to internet websites in this Form SD are provided for convenience only. Information available through these websites is not incorporated by reference into this Form SD.

Section 1 - Conflict Minerals Disclosure

Item 1.01 Conflict Minerals Disclosure and Report

A copy of Otis' Conflict Minerals Report for the calendar year ended December 31, 2020 is filed as Exhibit 1.01 hereto and is publicly available through the Investors section of Otis' website (<https://www.otis.com/en/us/>) under the subheading "SEC Filings" under the heading "Financial Information."

Item 1.02 Exhibit

The Otis Conflict Minerals Report required by Items 1.01 and 1.02 is filed as Exhibit 1.01 to this Form SD.

Section 2 - Exhibits

Item 2.01 Exhibits

Exhibit 1.01 – Otis' 2020 Conflict Minerals Report.

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 undersigned hereunto duly authorized.

**OTIS WORLDWIDE CORPORATION
(Registrant)**

Date: May 19, 2021

By: /s/ TODD GLANCE

Todd Glance

Executive Vice President, Operations

Date: May 19, 2021

By: /s/ NORA E. LAFRENIERE

Nora E. LaFreniere

Executive Vice President, Chief General Counsel & Corporate Secretary

Exhibit Index

**Exhibit
Number**

Exhibit Description

[1.01](#)

[Otis' 2020 Conflict Minerals Report.](#)

Otis Worldwide Corporation
Conflict Minerals Report
For the Year Ended December 31, 2020

1. Introduction

Otis Worldwide Corporation (“Otis”) has prepared this Conflict Minerals Report (the “Report”) for the calendar year ended December 31, 2020, as required by Rule 13p-1 under the Securities Exchange Act of 1934 (the “Rule”). Terms used and not defined in this Report have the meanings ascribed in Form SD, as adopted by the Securities and Exchange Commission (“SEC”) pursuant to the Rule. References in this Report to internet websites and certain of Otis’s internal policies and procedures are provided for convenience only. The referenced documents and information available through these websites are not incorporated by reference into this Report.

2. Company Overview

Otis is the world’s largest elevator and escalator manufacturing, installation, and service company. We serve customers in over 200 countries and territories around the world. Otis has global scale and local focus, with over 1,400 branches and offices, and a direct physical presence in approximately 80 countries. Otis manufactures and contracts to manufacture products that contain tin, tantalum, tungsten, and gold (“3TG” or “Conflict Minerals”) necessary to the functionality or production of such products (“Necessary 3TG”). Specifically, Otis provides high technology products and services to the building industries worldwide.

Additional information about Otis is included in Otis’s Annual Report on Form 10-K for the year ended December 31, 2020.

3. Supply Chain Description

Otis is a large and complex organization with thousands of globally dispersed suppliers. There are multiple tiers of suppliers between Otis’s and the 3TG mines. Therefore, we rely on our first-tier suppliers to work with their upstream suppliers to provide us with accurate information (e.g., through the reasonable country of origin inquiry described below) about the origin of 3TG contained in the materials, components, parts, subassemblies, and products contracted to be manufactured (collectively “Components”) we purchase.

4. Reasonable Country of Origin Inquiry (“RCOI”)

The elements of our RCOI were: (i) identification of suppliers to survey, (ii) data collection, and (iii) assessment of data to determine whether further due diligence is required.

For this reporting period, we identified a list of suppliers to survey for purposes of the RCOI (“Surveyed Suppliers”). The criteria for selecting the suppliers to include in the survey generally considered the likelihood of 3TG content in the supplied Components, the amount paid to suppliers believed likely to incorporate 3TG in the supplied Components, and the information technology infrastructure capabilities. For this reporting period, Otis sent 333 surveys to suppliers, estimated to represent over \$1.9 billion in spending during 2020, over 70% of direct product spend.

We collected information from the Surveyed Suppliers using the Conflict Minerals Reporting Template (“CMRT”), or a tool based on the CMRT. The survey included questions regarding whether the supplier’s products contain 3TG, its policy with respect to conflict-free sourcing, the supplier’s due diligence process, and information about the supplier’s supply chain, such as the names of the smelters or refiners that processed 3TG in the supplier’s products, and the origin of 3TG used by those facilities.

Based on the RCOI for this reporting period, Otis has reason to believe that at least a portion of its Necessary 3TG may have originated from the Covered Countries (Democratic Republic of Congo and the 9 adjacent countries), and that this portion of the Necessary 3TG may not be from recycled or scrap sources. Accordingly, we conducted the due diligence described below on the source and chain of custody of the Necessary 3TG in our products.

5. Due Diligence

A. Due Diligence Framework

Our due diligence measures have been designed to conform, in all material respects, with the internationally recognized due diligence framework presented by the Organisation for Economic Co-operation and Development (“OECD”) in the publication *OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas: Third Edition (2016)*, *OECD Publishing* and related supplements for gold, tin, tantalum, and tungsten.

B. Due Diligence Measures Undertaken

We performed the due diligence steps set forth below according to the OECD’s five-step framework:

OECD Step 1: Establish Company Management Systems

Conflict Minerals Policy

Otis has a Supplier Code of Conduct policy that outlines our expectation of our Suppliers regarding the sourcing of Conflict Minerals. A copy of this policy is available through the Suppliers section of our website (<https://www.otis.com>) under subheading “How to work with us ,” under the heading “Our Company.” The direct link to the Supplier Code of Conduct is: <https://www.otis.com/en/us/supplier-code-of-conduct>, which is available in multiple languages. Among other things, under our Supplier Code of Conduct, suppliers are expected to comply with the Rule and to support Otis in fulfilling its obligations under the Rule.

Conflict Minerals Team

Otis established a cross-functional team to develop and implement its Conflict Minerals compliance program. The Conflict Minerals team is composed of representatives from functions such as supply chain management, legal, and corporate responsibility. The Conflict Minerals team is supported by a steering committee comprised of supply chain executives, legal counsel, and members of Otis’ Environmental, Social and Governance (ESG) council.

Supply Chain Controls and Transparency

Otis participates in industry-wide initiatives that raise awareness for responsible sourcing of 3TG and provide resources to improve disclosures regarding the origin of 3TG in supply chains. For example, Otis is a member of the Responsible Minerals Initiative (“RMI”) (member code: 7355). The RMI’s flagship program is the Responsible Minerals Assurance Process (“RMAP”), through which the RMI identifies smelters and refiners that produce responsibly sourced materials in an effort to prevent the extraction and trade of minerals from becoming a source of conflict. The RMI uses specially trained third-party auditors to independently verify that the identified smelters and refiners have systems in place to responsibly source minerals in conformance with the RMAP. Another RMI program is the development and publication of the Conflict Minerals Reporting Template (“CMRT”), a free, standardized reporting template that facilitates the transfer of information through the supply chain regarding 3TG country of origin as well as the smelters and refiners that process such 3TG.

Supplier Engagement and Training

We provided the Surveyed Suppliers with a message about the Rule and our expectations of how our suppliers will help us to comply with this law. Otis provided Surveyed Suppliers with instructions for responding to our survey, and an e-mail address for assistance in interpreting and completing our survey.

We advised Surveyed Suppliers that we do not discourage the sourcing of 3TG from the Covered Countries; rather, we encourage our suppliers to source such 3TG from a smelter or refiner verified as compliant with the Conflict-Free Smelter Program (now known as the Responsible Minerals Assurance Process) or a similar program. We also asked Surveyed Suppliers, to the extent they believed the products delivered to Otis may have contained 3TG originating from one of the Covered Countries, to provide 3TG information specific to such products (i.e., a “product-level” CMRT declaration).

The language in our standard contract terms and conditions requires our suppliers to comply with the RCOI and due diligence requirements of the Rule, except that suppliers who are not SEC registrants are not required to comply with the Rule’s filing requirements.

Internal Training

Otis developed training and reference materials for its employees about Conflict Minerals, summarizing the relevant requirements of the Rule, Otis’ obligations under the Rule, and processes for evaluating and responding to the risk, if any, of Necessary 3TG in its supply chain that directly or indirectly financed or benefited armed groups in the Covered Countries.

Maintain Records

Otis has adopted a policy to retain relevant documentation.

Grievance Mechanism

General questions regarding Otis’ conflict minerals compliance program can be directed to Otis’s Corporate Responsibility Manager. Employees or third parties may report any concerns about or violations of Otis’s corporate policy with respect to the sourcing of Conflict Minerals via the reporting channels. Additional information regarding the reporting channels is available through the “Our Company” section of our website (<https://www.otis.com/en/us>) under the subheading “Ethics and Compliance,” under the heading “Our Company”.

OECD Step 2: Identify and Assess Risks in the Supply Chain

We conducted a supply chain survey using the CMRT, or a tool based on the CMRT, to investigate the origin of Necessary 3TG in our products.

Suppliers who did not respond to our survey received multiple reminders to submit their survey responses. In addition, Otis Point of Contacts (“POCs”), members of the Otis Conflict Minerals team, and others, such as account executives, asked contacts at non-responsive suppliers for their assistance in resolving overdue survey responses.

Members of the Otis Conflict Minerals team reviewed the Surveyed Suppliers’ responses against an established set of criteria to determine whether further engagement was necessary. For example, if a supplier advised that it supplied Components containing 3TG from any of the Covered Countries, we compared the smelters and refiners identified in a supplier’s survey response to the RMI published list of facilities that conform to the Responsible Minerals Assurance Process (RMAP) assessment protocols.

OECD Step 3: Design and Implement a Strategy to Respond to Risks

Otis designed and implemented a risk management plan to evaluate and respond to risks identified in our supply chain. If we identify non-compliance with our corporate policy on the sourcing of Conflict Minerals, we will attempt to work with the supplier to correct the situation. A supplier's failure to take corrective actions may lead to additional actions, including the reassessment of the supplier relationship. Risk assessment findings based on the supply chain survey and due diligence are reported to senior management.

OECD Step 4: Carry out Independent Third-Party Audit of Smelter's and Refiner's Due Diligence Practices

We support audits of smelters and refiners through our participation in, and financial support of, the RMI. The RMI's flagship program is the RMAP which uses independent third-party auditors to identify smelters and refiners that have systems in place to produce responsibly sourced materials. We do not perform direct audits of these entities within our supply chain.

OECD Step 5: Report Annually on Supply Chain Due Diligence

A copy of this Report and Otis' associated Form SD are available free of charge on the Investors section of our website (<https://www.otis.com/en/us/>) under the subheading "SEC Filings" under the heading "Financial Information."

6. Efforts to Determine Mine or Country of Origin

Our supply chain survey included questions that asked the Surveyed Suppliers for the name of the smelter(s) in their supply chain, the name of the mine(s), and the location of the mine(s) from where 3TG in their supply chain originated. The survey's cover letter instructed suppliers, to the extent they had determined the products delivered to Otis contained 3TG originating from one of the Covered Countries, to provide a "product-level" declaration with information specific to such products (e.g., the name of the mine, country of origin, and/or the name of the smelter or refiner who processed 3TG in such products).

7. RCOI and Due Diligence Results

A. Survey Responses

We rely on our suppliers to provide information on the origin of 3TG contained in the Components purchased by Otis. These suppliers are similarly reliant upon information provided by their suppliers.

In total, Otis sent 333 suppliers a survey, estimated to represent over \$1.9 billion in spending during 2020, over 70% of direct product spend. Of the 333 surveys sent, we received 325 completed surveys, representing a response rate of 98%.

The Surveyed Suppliers responses identified 307 unique facilities identified by the RMI, of which 232 or approximately 76% are validated as conformant with the RMAP.

In 2 of the survey responses, the supplier declared it sourced 3TG from one of the Covered Countries. Based on our review of these survey responses and the due diligence measures described above, we have reason to believe some of our suppliers sourced 3TG used in the Components supplied to our business from the smelters listed on Schedule A. We determined these smelters may have sourced their 3TG from the countries of origin listed on Schedule B. Each smelter identified on Schedule A was included on the RMI Conformant Smelter & Refiner List, and thus was obtaining 3TG from sources demonstrated not to support armed conflict.

With respect to the other survey responses, despite our due diligence for this reporting period, we were unable to link 3TG from the Covered Countries to the Components supplied to Otis. We were unable to do so because the information provided was generally at a supplier-company level that described the supplier's overall potential 3TG

sourcing. Of the remaining survey responses providing smelter information, the suppliers were unable to verify whether 3TG from those smelters was used in the Components supplied to Otis. For this reason, with the exception of the smelters described above, we have been unable to identify with confidence the specific facilities used to process Necessary 3TG in our products, the country of origin, or the mine or location of origin of the Necessary 3TG in our products.

B. Continuous Improvement Efforts to Mitigate Risk

Since December 31, 2020, Otis has taken, or intends to take the following steps to improve the due diligence conducted to further mitigate risks that the Necessary 3TG used in our products could benefit armed groups in the Covered Countries. As part of our regularly scheduled compliance program activities, we intend to:

- Direct suppliers to our Supplier Code of Conduct with respect to the sourcing of Conflict Minerals
- Encourage suppliers who source 3TG from one of the Covered Countries to do so from smelter(s) or refiner(s) validated as conformant with the Responsible Minerals Assurance Process (RMAP, formerly known as the Conflict-Free Smelter Program) or a similar conflict-free program
- Identify and follow-up with suppliers who do not respond to our supply chain survey to increase our survey response rate and obtain additional information about the sourcing of 3TG in our supply chain
- Participate in trade association and/or industry-wide initiatives to define and improve best practices for conducting due diligence on supply chains containing 3TG and/or that support the development of conflict-free supply chains.

Cautionary Note Concerning Forward-Looking Statements

This Report contains statements which, to the extent they are not statements of historical or present fact, constitute “forward-looking statements” under the securities laws. From time to time, oral or written forward-looking statements may also be included in other information released to the public. These forward-looking statements are intended to provide management’s current expectations or plans for Otis’ future business practices and performance, based on assumptions currently believed to be valid. Forward-looking statements can be identified by the use of words such as “believe,” “expect,” “expectations,” “plans,” “strategy,” “prospects,” “estimate,” “project,” “target,” “anticipate,” “will,” “should,” “see,” “guidance,” “confident” and other words of similar meaning in connection with a discussion of future financial performance. Forward-looking statements may include, among other things, statements relating to future supply management practices, policies and plans for procurement of materials, risk management practices, supply chain infrastructure and efforts to improve supply chain transparency. All forward-looking statements involve risks, uncertainties and other factors that may cause actual results to differ materially from those expressed or implied in the forward-looking statements. For those statements, Otis claims the protection of the safe harbor for forward-looking statements contained in the U.S. Private Securities Litigation Reform Act of 1995. Such risks, uncertainties and other factors include, without limitation, the ability of Otis, its suppliers, industry groups and supplier organizations to obtain reliable information as to the source of purchased production materials; the timing for the development of infrastructure allowing such information to be compiled and shared with others in a cost effective and efficient manner; the impact of changes in laws and regulations, and the interpretation thereof, and in political conditions; the impact of restructuring activities and the reorganizations of our operations; the impact of acquisitions, divestitures, joint ventures and other transactions; and other factors beyond our control. The forward-looking statements speak only as of the date of this Report and we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable law. Additional information as to factors that may cause actual results to differ materially from those expressed or implied in the forward-looking statements is disclosed from time to time in our other filings with the SEC.

**Schedule A to
Conflict Minerals Report**

Smelter Name	Metal	RMI ID	Smelter Country
8853 S.p.A.	Gold	CID002763	ITALY
Abington Reldan Metals, LLC	Gold	CID002708	UNITED STATES OF AMERICA
Advanced Chemical Company	Gold	CID000015	UNITED STATES OF AMERICA
African Gold Refinery	Gold	CID003185	UGANDA
Aida Chemical Industries Co., Ltd.	Gold	CID000019	JAPAN
Al Etihad Gold Refinery DMCC	Gold	CID002560	UNITED ARAB EMIRATES
Al Ghaith Gold	Gold	CID002899	UNITED ARAB EMIRATES
Allgemeine Gold-und Silberscheideanstalt A.G.	Gold	CID000035	GERMANY
Almalyk Mining and Metallurgical Complex (AMMC)	Gold	CID000041	UZBEKISTAN
AngloGold Ashanti Corrego do Sitio Mineracao	Gold	CID000058	BRAZIL
Argor-Heraeus S.A.	Gold	CID000077	SWITZERLAND
ARY Aurum Plus	Gold	CID002596	UNITED ARAB EMIRATES
Asahi Pretec Corp.	Gold	CID000082	JAPAN
Asahi Refining Canada Ltd.	Gold	CID000924	CANADA
Asahi Refining USA Inc.	Gold	CID000920	UNITED STATES OF AMERICA
Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	Gold	CID000103	TURKEY
AU Traders and Refiners	Gold	CID002850	SOUTH AFRICA
Augmont Enterprises Private Limited	Gold	CID003461	INDIA
Aurubis AG	Gold	CID000113	GERMANY
Bangalore Refinery	Gold	CID002863	INDIA
Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Gold	CID000128	PHILIPPINES
Bauer Walser AG	Gold	CID000141	GERMANY
Boliden AB	Gold	CID000157	SWEDEN
C. Hafner GmbH + Co. KG	Gold	CID000176	GERMANY
C.I Metales Procesados Industriales SAS	Gold	CID003421	COLOMBIA
Caridad	Gold	CID000180	MEXICO
CCR Refinery - Glencore Canada Corporation	Gold	CID000185	CANADA
Cendres + Metaux S.A.	Gold	CID000189	SWITZERLAND
CGR Metalloys Pvt Ltd.	Gold	CID003382	INDIA
Chimet S.p.A.	Gold	CID000233	ITALY
Chugai Mining	Gold	CID000264	JAPAN
Daejin Indus Co., Ltd.	Gold	CID000328	KOREA, REPUBLIC OF
Daye Non-Ferrous Metals Mining Ltd.	Gold	CID000343	CHINA
Degussa Sonne / Mond Goldhandel GmbH	Gold	CID002867	GERMANY
Dijllah Gold Refinery FZC	Gold	CID003348	UNITED ARAB EMIRATES
DODUCO Contacts and Refining GmbH	Gold	CID000362	GERMANY
DSC (Do Sung Corporation)	Gold	CID000359	KOREA, REPUBLIC OF
Eco-System Recycling Co., Ltd. East Plant	Gold	CID000425	JAPAN

Eco-System Recycling Co., Ltd. North Plant	Gold	CID003424	JAPAN
Eco-System Recycling Co., Ltd. West Plant	Gold	CID003425	JAPAN
Elemetal Refining, LLC	Gold	CID001322	UNITED STATES OF AMERICA
Emirates Gold DMCC	Gold	CID002561	UNITED ARAB EMIRATES
Fidelity Printers and Refiners Ltd.	Gold	CID002515	ZIMBABWE
Fujairah Gold FZC	Gold	CID002584	UNITED ARAB EMIRATES
GCC Gujrat Gold Centre Pvt. Ltd.	Gold	CID002852	INDIA
Geib Refining Corporation	Gold	CID002459	UNITED STATES OF AMERICA
Gold Coast Refinery	Gold	CID003186	GHANA
Gold Refinery of Zijin Mining Group Co., Ltd.	Gold	CID002243	CHINA
Great Wall Precious Metals Co., Ltd. of CBPM	Gold	CID001909	CHINA
Guangdong Hua Jian Trade Co., Ltd.	Gold	CID000605	CHINA
Guangdong Jinding Gold Limited	Gold	CID002312	CHINA
GUANGDONG JINXIAN GAOXIN CAI LIAO GONG SI	Gold	CID000611	CHINA
Guoda Safina High-Tech Environmental Refinery Co., Ltd.	Gold	CID000651	CHINA
Hang Seng Technology	Gold	CID000670	CHINA
Hangzhou Fuchunjiang Smelting Co., Ltd.	Gold	CID000671	CHINA
Heimerle + Meule GmbH	Gold	CID000694	GERMANY
Henan Yuguang Gold & Lead Co., Ltd.	Gold	CID002519	CHINA
Heraeus Germany GmbH Co. KG	Gold	CID000711	GERMANY
Heraeus Metals Hong Kong Ltd.	Gold	CID000707	CHINA
HeTai Gold Mineral GuangDong Co., Ltd.	Gold	CID000718	CHINA
Hop Hing electroplating factory Zhejiang	Gold	CID002739	CHINA
Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	Gold	CID000773	CHINA
Hung Cheong Metal Manufacturing Limited	Gold	CID002904	CHINA
HwaSeong CJ CO., LTD.	Gold	CID000778	KOREA, REPUBLIC OF
Industrial Refining Company	Gold	CID002587	BELGIUM
Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	Gold	CID000801	CHINA
International Precious Metal Refiners	Gold	CID002562	UNITED ARAB EMIRATES
Ishifuku Metal Industry Co., Ltd.	Gold	CID000807	JAPAN
Istanbul Gold Refinery	Gold	CID000814	TURKEY
Italpreziosi	Gold	CID002765	ITALY
JALAN & Company	Gold	CID002893	INDIA
Japan Mint	Gold	CID000823	JAPAN
Jiangxi Copper Co., Ltd.	Gold	CID000855	CHINA
Jin Jinyin refining company limited	Gold	CID000884	CHINA
Jinlong Copper Co., Ltd.	Gold	CID000909	CHINA
JSC Ekaterinburg Non-Ferrous Metal Processing Plant	Gold	CID000927	RUSSIAN FEDERATION
JSC Novosibirsk Refinery	Gold	CID000493	RUSSIAN FEDERATION
JSC Uralelectromed	Gold	CID000929	RUSSIAN FEDERATION
JX Nippon Mining & Metals Co., Ltd.	Gold	CID000937	JAPAN

Kaloti Precious Metals	Gold	CID002563	UNITED ARAB EMIRATES
Kazakhmys Smelting LLC	Gold	CID000956	KAZAKHSTAN
Kazzinc	Gold	CID000957	KAZAKHSTAN
Kennecott Utah Copper LLC	Gold	CID000969	UNITED STATES OF AMERICA
KGHM Polska Miedz Spolka Akcyjna	Gold	CID002511	POLAND
Kojima Chemicals Co., Ltd.	Gold	CID000981	JAPAN
Korea Zinc Co., Ltd.	Gold	CID002605	KOREA, REPUBLIC OF
Kundan Care Products Ltd.	Gold	CID003463	INDIA
Kyrgyzaltyn JSC	Gold	CID001029	KYRGYZSTAN
Kyshtym Copper-Electrolytic Plant ZAO	Gold	CID002865	RUSSIAN FEDERATION
L'azurde Company For Jewelry	Gold	CID001032	SAUDI ARABIA
Lingbao Gold Co., Ltd.	Gold	CID001056	CHINA
Lingbao Jinyuan Tonghui Refinery Co., Ltd.	Gold	CID001058	CHINA
L'Orfebvre S.A.	Gold	CID002762	ANDORRA
LS-NIKKO Copper Inc.	Gold	CID001078	KOREA, REPUBLIC OF
LT Metal Ltd.	Gold	CID000689	KOREA, REPUBLIC OF
Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	Gold	CID001093	CHINA
Marsam Metals	Gold	CID002606	BRAZIL
Materion	Gold	CID001113	UNITED STATES OF AMERICA
Matsuda Sangyo Co., Ltd.	Gold	CID001119	JAPAN
Metalor Technologies (Hong Kong) Ltd.	Gold	CID001149	CHINA
Metalor Technologies (Singapore) Pte., Ltd.	Gold	CID001152	SINGAPORE
Metalor Technologies (Suzhou) Ltd.	Gold	CID001147	CHINA
Metalor Technologies S.A.	Gold	CID001153	SWITZERLAND
Metalor USA Refining Corporation	Gold	CID001157	UNITED STATES OF AMERICA
Metalurgica Met-Mex Penoles S.A. De C.V.	Gold	CID001161	MEXICO
MMTC-PAMP India Pvt., Ltd.	Gold	CID002509	INDIA
Morris and Watson	Gold	CID002282	NEW ZEALAND
Moscow Special Alloys Processing Plant	Gold	CID001204	RUSSIAN FEDERATION
Nadir Metal Rafineri San. Ve Tic. A.S.	Gold	CID001220	TURKEY
Navoi Mining and Metallurgical Combinat	Gold	CID001236	UZBEKISTAN
NH Recytech Company	Gold	CID003189	KOREA, REPUBLIC OF
Nihon Material Co., Ltd.	Gold	CID001259	JAPAN
Nihon Superior Co., Ltd.	Gold	CID001252	JAPAN
Nyrstar Metals	Gold	CID001313	UNITED STATES OF AMERICA
Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	Gold	CID002779	AUSTRIA
Ohura Precious Metal Industry Co., Ltd.	Gold	CID001325	JAPAN
OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	Gold	CID001326	RUSSIAN FEDERATION

PAMP S.A.	Gold	CID001352	SWITZERLAND
Pease & Curren	Gold	CID002872	UNITED STATES OF AMERICA
Penglai Penggang Gold Industry Co., Ltd.	Gold	CID001362	CHINA
Planta Recuperadora de Metales SpA	Gold	CID002919	CHILE
Precious Metals Sales Corp.	Gold	CID002581	UNITED STATES OF AMERICA
Prioksky Plant of Non-Ferrous Metals	Gold	CID001386	RUSSIAN FEDERATION
PT Aneka Tambang (Persero) Tbk	Gold	CID001397	INDONESIA
PX Precinox S.A.	Gold	CID001498	SWITZERLAND
QG Refining, LLC	Gold	CID003324	UNITED STATES OF AMERICA
Rand Refinery (Pty) Ltd.	Gold	CID001512	SOUTH AFRICA
Realized the enterprise co., ltd.	Gold	CID001515	CHINA
Refinery of Seemine Gold Co., Ltd.	Gold	CID000522	CHINA
REMONDIS PMR B.V.	Gold	CID002582	NETHERLANDS
Republic Metals Corporation	Gold	CID002510	UNITED STATES OF AMERICA
Rio Tinto Group	Gold	CID002914	AUSTRALIA
Royal Canadian Mint	Gold	CID001534	CANADA
SAAMP	Gold	CID002761	FRANCE
Sabin Metal Corp.	Gold	CID001546	UNITED STATES OF AMERICA
Safimet S.p.A	Gold	CID002973	ITALY
SAFINA A.S.	Gold	CID002290	CZECHIA
Sai Refinery	Gold	CID002853	INDIA
Samduck Precious Metals	Gold	CID001555	KOREA, REPUBLIC OF
Samwon Metals Corp.	Gold	CID001562	KOREA, REPUBLIC OF
SAXONIA Edelmetalle GmbH	Gold	CID002777	GERMANY
Schone Edelmetaal B.V.	Gold	CID001573	NETHERLANDS
SEMPSA Joyeria Plateria S.A.	Gold	CID001585	SPAIN
Shandon Jin Jinyin Refining Limited	Gold	CID001607	CHINA
Shandong Gold Smelting Co., Ltd.	Gold	CID001604	CHINA
Shandong Hengbang Smelter Co., Ltd.	Gold	CID001612	CHINA
Shandong Humon Smelting Co., Ltd.	Gold	CID002525	CHINA
Shandong penglai gold smelter	Gold	CID001616	CHINA
Shandong Tiancheng Biological Gold Industrial Co., Ltd.	Gold	CID001619	CHINA
Shandong Yanggu Xiangguang Co., Ltd.	Gold	CID002614	CHINA
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	Gold	CID001622	CHINA
Shenzhen Heng Zhong Industry Co., Ltd.	Gold	CID001692	CHINA
Shenzhen Zhonghenglong Real Industry Co., Ltd.	Gold	CID002527	CHINA
Shirpur Gold Refinery Ltd.	Gold	CID002588	INDIA
Sichuan Tianze Precious Metals Co., Ltd.	Gold	CID001736	CHINA
Singway Technology Co., Ltd.	Gold	CID002516	TAIWAN, PROVINCE OF CHINA
SINO-PLATINUM METALS Co., Ltd.	Gold	CID001745	CHINA

So Accurate Group, Inc.	Gold	CID001754	UNITED STATES OF AMERICA
SOE Shyolkovsky Factory of Secondary Precious Metals	Gold	CID001756	RUSSIAN FEDERATION
Solar Applied Materials Technology Corp.	Gold	CID001761	TAIWAN, PROVINCE OF CHINA
Sovereign Metals	Gold	CID003383	INDIA
State Research Institute Center for Physical Sciences and Technology	Gold	CID003153	LITHUANIA
Sudan Gold Refinery	Gold	CID002567	SUDAN
Sumitomo Metal Mining Co., Ltd.	Gold	CID001798	JAPAN
SungEel HiMetal Co., Ltd.	Gold	CID002918	KOREA, REPUBLIC OF
Suntain Co., Ltd.	Gold	CID001808	TAIWAN, PROVINCE OF CHINA
Super Dragon Technology Co., Ltd	Gold	CID001810	CHINA
SuZhou ShenChuang recycling Ltd.	Gold	CID002743	CHINA
T.C.A S.p.A	Gold	CID002580	ITALY
TAIWAN TOTAI CO., LTD.	Gold	CID001857	TAIWAN, PROVINCE OF CHINA
Tanaka Kikinzoku Kogyo K.K.	Gold	CID001875	JAPAN
Tokuriki Honten Co., Ltd.	Gold	CID001938	JAPAN
Tongling Nonferrous Metals Group Co., Ltd.	Gold	CID001947	CHINA
TOO Tau-Ken-Altyn	Gold	CID002615	KAZAKHSTAN
Torecom	Gold	CID001955	KOREA, REPUBLIC OF
Tsai Brother industries	Gold	CID002745	TAIWAN, PROVINCE OF CHINA
TSK Pretech	Gold	CID003195	KOREA, REPUBLIC OF
Umicore Brasil Ltda.	Gold	CID001977	BRAZIL
Umicore Precious Metals Thailand	Gold	CID002314	THAILAND
Umicore S.A. Business Unit Precious Metals Refining	Gold	CID001980	BELGIUM
United Precious Metal Refining, Inc.	Gold	CID001993	UNITED STATES OF AMERICA
Universal Precious Metals Refining Zambia	Gold	CID002854	ZAMBIA
Valcambi S.A.	Gold	CID002003	SWITZERLAND
Viagra Di precious metals (Zhaoyuan) Co., Ltd.	Gold	CID002009	CHINA
WANG TING	Gold	CID002023	CHINA
Western Australian Mint (T/a The Perth Mint)	Gold	CID002030	AUSTRALIA
WIELAND Edelmetalle GmbH	Gold	CID002778	GERMANY
Wuzhong Group	Gold	CID002063	CHINA
Xiamen Jinbo Metal Co., Ltd.	Gold	CID002076	CHINA
Yamakin Co., Ltd.	Gold	CID002100	JAPAN
Yamato Denki Ind. Co., Ltd.	Gold	CID002102	JAPAN
Yokohama Metal Co., Ltd.	Gold	CID002129	JAPAN
Yunnan Copper Industry Co., Ltd.	Gold	CID000197	CHINA
Yunnan Gold Mining Group Co., Ltd. (YGMG)	Gold	CID002491	CHINA
Zhaojun Maifu	Gold	CID002201	CHINA

Zhe Jiang Guang Yuan Noble Metal Smelting Factory	Gold	CID002205	CHINA
Zhongkuang Gold Industry Co.,LTD	Gold	CID002214	CHINA
Zhongshan Hyper-Toxic Substance Monopolized Co., Ltd.	Gold	CID002219	CHINA
Zhongshan Poison Material Proprietary Co., Ltd.	Gold	CID002221	CHINA
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	Gold	CID002224	CHINA
Zhuhai toxic materials Monopoly Ltd.	Gold	CID002231	CHINA
Zhuzhou Smelting Group Co., Ltd	Gold	CID002529	CHINA
Asaka Riken Co., Ltd.	Gold, Tantalum	CID000090	JAPAN
Mitsui Mining and Smelting Co., Ltd.	Gold, Tantalum	CID001192	JAPAN
Dowa	Gold, Tin	CID000401	JAPAN
Mitsubishi Materials Corporation	Gold, Tin	CID001188	JAPAN
Modeltech Sdn Bhd	Gold, Tin	CID002857	MALAYSIA
Shan Tou Shi Yong Yuan Jin Shu Zai Sheng Co., Ltd.	Gold, Tin	CID001605	CHINA
Hunan Chenzhou Mining Co., Ltd.	Gold, Tungsten	CID000766	CHINA
ANHUI HERRMAN IMPEX CO.	Tantalum	CID000059	CHINA
Changsha South Tantalum Niobium Co., Ltd.	Tantalum	CID000211	CHINA
D Block Metals, LLC	Tantalum	CID002504	UNITED STATES OF AMERICA
Duoluoshan	Tantalum	CID000410	CHINA
Exotech Inc.	Tantalum	CID000456	UNITED STATES OF AMERICA
F&X Electro-Materials Ltd.	Tantalum	CID000460	CHINA
FIR Metals & Resource Ltd.	Tantalum	CID002505	CHINA
Global Advanced Metals Aizu	Tantalum	CID002558	JAPAN
Global Advanced Metals Boyertown	Tantalum	CID000564	UNITED STATES OF AMERICA
Guangdong Rising Rare Metals-EO Materials Ltd.	Tantalum	CID000291	CHINA
Guizhou Zhenhua Xinyun Technology	Tantalum	CID002501	CHINA
H.C. Starck Hermsdorf GmbH	Tantalum	CID002547	GERMANY
H.C. Starck Inc.	Tantalum	CID002548	UNITED STATES OF AMERICA
Hengyang King Xing Lifeng New Materials Co., Ltd.	Tantalum	CID002492	CHINA
Hi-Temp Specialty Metals, Inc.	Tantalum	CID000731	UNITED STATES OF AMERICA
Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	Tantalum	CID002512	CHINA
Jiangxi Tuohong New Raw Material	Tantalum	CID002842	CHINA
Jiujiang Janny New Material Co., Ltd.	Tantalum	CID003191	CHINA
JiuJiang JinXin Nonferrous Metals Co., Ltd.	Tantalum	CID000914	CHINA
Jiujiang Tanbre Co., Ltd.	Tantalum	CID000917	CHINA
Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	Tantalum	CID002506	CHINA
KEMET de Mexico	Tantalum	CID002539	MEXICO
King-Tan Tantalum Industry Ltd.	Tantalum	CID000973	CHINA

LSM Brasil S.A.	Tantalum	CID001076	BRAZIL
Metallurgical Products India Pvt., Ltd.	Tantalum	CID001163	INDIA
Nantong Tongjie Electrical Co., Ltd.	Tantalum	CID002386	CHINA
Ningxia Orient Tantalum Industry Co., Ltd.	Tantalum	CID001277	CHINA
NPM Silmet AS	Tantalum	CID001200	ESTONIA
PM Kalco Inc	Tantalum	CID003396	UNITED STATES OF AMERICA
PRG Doeel	Tantalum	CID002847	NORTH MACEDONIA
QuantumClean	Tantalum	CID001508	UNITED STATES OF AMERICA
Shanghai Jiangxi Metals Co. Ltd	Tantalum	CID001634	CHINA
Solikamsk Magnesium Works OAO	Tantalum	CID001769	RUSSIAN FEDERATION
Taki Chemical Co., Ltd.	Tantalum	CID001869	JAPAN
TANIOBIS Co., Ltd.	Tantalum	CID002544	THAILAND
TANIOBIS GmbH	Tantalum	CID002545	GERMANY
TANIOBIS Japan Co., Ltd.	Tantalum	CID002549	JAPAN
Telex Metals	Tantalum	CID001891	UNITED STATES OF AMERICA
Tranzact, Inc.	Tantalum	CID002571	UNITED STATES OF AMERICA
Ulba Metallurgical Plant JSC	Tantalum	CID001969	KAZAKHSTAN
XIMEI RESOURCES (GUANGDONG) LIMITED	Tantalum	CID000616	CHINA
XinXing HaoRong Electronic Material Co., Ltd.	Tantalum	CID002508	CHINA
Yanling Jincheng Tantalum & Niobium Co., Ltd.	Tantalum	CID001522	CHINA
Yichun Jin Yang Rare Metal Co., Ltd.	Tantalum	CID002307	CHINA
Mineracao Taboca S.A.	Tantalum, Tin	CID001173	BRAZIL
Resind Industria e Comercio Ltda.	Tantalum, Tin	CID002706	BRAZIL
CP Metals Inc.	Tantalum, Tungsten	CID003402	UNITED STATES OF AMERICA
TANIOBIS Smelting GmbH & Co. KG	Tantalum, Tungsten	CID002542	GERMANY
Alpha	Tin	CID000292	UNITED STATES OF AMERICA
An Thai Minerals Co., Ltd.	Tin	CID002825	VIETNAM
An Vinh Joint Stock Mineral Processing Company	Tin	CID002703	VIETNAM
Arco Alloys	Tin	CID002809	UNITED STATES OF AMERICA
Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	Tin	CID000228	CHINA
Chifeng Dajingzi Tin Industry Co., Ltd.	Tin	CID003190	CHINA
China Tin Group Co., Ltd.	Tin	CID001070	CHINA
Chofu Works	Tin	CID002786	JAPAN
Cooperativa Metalurgica de Rondonia Ltda.	Tin	CID000295	BRAZIL
CV Ayi Jaya	Tin	CID002570	INDONESIA
CV Dua Sekawan	Tin	CID002592	INDONESIA
CV Gita Pesona	Tin	CID000306	INDONESIA
CV United Smelting	Tin	CID000315	INDONESIA

CV Venus Inti Perkasa	Tin	CID002455	INDONESIA
Dongguan CiEXPO Environmental Engineering Co., Ltd.	Tin	CID003356	CHINA
Dongguan City Xida Soldering Tin Products Co.	Tin	CID000376	CHINA
Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	Tin	CID002572	VIETNAM
EM Vinto	Tin	CID000438	BOLIVIA (PLURINATIONAL STATE OF)
Estanho de Rondonia S.A.	Tin	CID000448	BRAZIL
Fenix Metals	Tin	CID000468	POLAND
Fuji Metal Mining Corp.	Tin	CID000498	JAPAN
Gejiu City Fuxiang Industry and Trade Co., Ltd.	Tin	CID003410	CHINA
Gejiu Fengming Metallurgy Chemical Plant	Tin	CID002848	CHINA
Gejiu Jinye Mineral Company	Tin	CID002859	CHINA
Gejiu Kai Meng Industry and Trade LLC	Tin	CID000942	CHINA
Gejiu Non-Ferrous Metal Processing Co., Ltd.	Tin	CID000538	CHINA
Gejiu Yunxi Group Corp.	Tin	CID000553	CHINA
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	Tin	CID001908	CHINA
Gejiu Zili Mining And Metallurgy Co., Ltd.	Tin	CID000555	CHINA
Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	Tin	CID003116	CHINA
GUANGXI HUA TIN GOLD MINUTE FEE, LTD.	Tin	CID002274	CHINA
Guangxi Nonferrous Metals Group	Tin	CID000626	CHINA
Guangxi Zhongshan Jin Yi Smelting Co., Ltd.	Tin	CID000628	CHINA
Guanyang Guida Nonferrous Metal Smelting Plant	Tin	CID002849	CHINA
Hezhou Jinwei Tin Co., Ltd.	Tin	CID000720	CHINA
Hongqiao Metals (Kunshan) Co., Ltd.	Tin	CID002635	CHINA
HuiChang Hill Tin Industry Co., Ltd.	Tin	CID002844	CHINA
Huichang Jinshunda Tin Co., Ltd.	Tin	CID000760	CHINA
Hulterworth Smelter	Tin	CID002365	CHINA
Jiang Jia Wang Technology Co.	Tin	CID000840	CHINA
Jiangxi Ketai Advanced Material Co., Ltd.	Tin	CID000244	CHINA
Jiangxi New Nanshan Technology Ltd.	Tin	CID001231	CHINA
Ju Tai Industrial Co., Ltd.	Tin	CID000934	CHINA
LIAN JING	Tin	CID002281	CHINA
Luna Smelter, Ltd.	Tin	CID003387	RWANDA
M/s ECO Tropical Resources	Tin	CID002382	SINGAPORE
Ma An Shan Shu Guang Smelter Corp.	Tin	CID001098	CHINA
Ma'anshan Weitai Tin Co., Ltd.	Tin	CID003379	CHINA
Magnu's Minerai's Metais e Ligas Ltda.	Tin	CID002468	BRAZIL
Malaysia Smelting Corporation (MSC)	Tin	CID001105	MALAYSIA
Materials Eco-Refining Co., Ltd.	Tin	CID001112	JAPAN
Melt Metais e Ligas S.A.	Tin	CID002500	BRAZIL
Metahub Industries Sdn. Bhd.	Tin	CID001136	MALAYSIA
Metallic Resources, Inc.	Tin	CID001142	UNITED STATES OF AMERICA
Metallo Belgium N.V.	Tin	CID002773	BELGIUM

Metallo Spain S.L.U.	Tin	CID002774	SPAIN
Minchali Metal Industry Co., Ltd.	Tin	CID001172	TAIWAN, PROVINCE OF CHINA
Ming Li Jia smelt Metal Factory	Tin	CID001177	CHINA
Minsur	Tin	CID001182	PERU
Ney Metals and Alloys	Tin	CID001246	UNITED STATES OF AMERICA
Nghe Tinh Non-Ferrous Metals Joint Stock Company	Tin	CID002573	VIETNAM
O.M. Manufacturing (Thailand) Co., Ltd.	Tin	CID001314	THAILAND
O.M. Manufacturing Philippines, Inc.	Tin	CID002517	PHILIPPINES
Old City Metals Processing Co., Ltd.	Tin	CID001332	CHINA
OMODEO A. E S. METALLEGHE SRL	Tin	CID003395	ITALY
Operaciones Metalurgicas S.A.	Tin	CID001337	BOLIVIA (PLURINATIONAL STATE OF)
Pan Light Corporation	Tin	CID001356	TAIWAN, PROVINCE OF CHINA
Pongpipat Company Limited	Tin	CID003208	MYANMAR
Precious Minerals and Smelting Limited	Tin	CID003409	INDIA
PT Aries Kencana Sejahtera	Tin	CID000309	INDONESIA
PT Artha Cipta Langgeng	Tin	CID001399	INDONESIA
PT ATD Makmur Mandiri Jaya	Tin	CID002503	INDONESIA
PT Babel Inti Perkasa	Tin	CID001402	INDONESIA
PT Babel Surya Alam Lestari	Tin	CID001406	INDONESIA
PT Bangka Prima Tin	Tin	CID002776	INDONESIA
PT Bangka Serumpun	Tin	CID003205	INDONESIA
PT Bangka Tin Industry	Tin	CID001419	INDONESIA
PT Belitung Industri Sejahtera	Tin	CID001421	INDONESIA
PT Bukit Timah	Tin	CID001428	INDONESIA
PT Cipta Persada Mulia	Tin	CID002696	INDONESIA
PT DS Jaya Abadi	Tin	CID001434	INDONESIA
PT Eunindo Usaha Mandiri	Tin	CID001438	INDONESIA
PT Inti Stania Prima	Tin	CID002530	INDONESIA
PT Justindo	Tin	CID000307	INDONESIA
PT Karimun Mining	Tin	CID001448	INDONESIA
PT Kijang Jaya Mandiri	Tin	CID002829	INDONESIA
PT Lautan Harmonis Sejahtera	Tin	CID002870	INDONESIA
PT Menara Cipta Mulia	Tin	CID002835	INDONESIA
PT Mitra Stania Prima	Tin	CID001453	INDONESIA
PT Mitra Sukses Globalindo	Tin	CID003449	INDONESIA
PT NATARI	Tin	CID001456	INDONESIA
PT O.M. Indonesia	Tin	CID002757	INDONESIA
PT Panca Mega Persada	Tin	CID001457	INDONESIA
PT Premium Tin Indonesia	Tin	CID000313	INDONESIA
PT Prima Timah Utama	Tin	CID001458	INDONESIA
PT Ptima Timah Utama	Tin	CID001458	INDONESIA
PT Rajawali Rimba Perkasa	Tin	CID003381	INDONESIA

PT Rajehan Ariq	Tin	CID002593	INDONESIA
PT Refined Bangka Tin	Tin	CID001460	INDONESIA
PT Sariwiguna Binasentosa	Tin	CID001463	INDONESIA
PT Stanindo Inti Perkasa	Tin	CID001468	INDONESIA
PT Sukses Inti Makmur	Tin	CID002816	INDONESIA
PT Sumber Jaya Indah	Tin	CID001471	INDONESIA
PT Timah Tbk Kundur	Tin	CID001477	INDONESIA
PT Timah Tbk Mentok	Tin	CID001482	INDONESIA
PT Tinindo Inter Nusa	Tin	CID001490	INDONESIA
PT Tirus Putra Mandiri	Tin	CID002478	INDONESIA
PT Tommy Utama	Tin	CID001493	INDONESIA
PT Wahana Perkit Jaya	Tin	CID002479	INDONESIA
Rui Da Hung	Tin	CID001539	TAIWAN, PROVINCE OF CHINA
Shenzhen Hong Chang Metal Manufacturing Factory	Tin	CID001694	CHINA
Sichuan Guanghan Jiangnan casting smelters	Tin	CID001731	CHINA
SIGMA TIN ALLOY CO., LTD.	Tin	CID002408	CHINA
Soft Metais Ltda.	Tin	CID001758	BRAZIL
Solder Court Ltd.	Tin	CID002436	CHINA
Spectro Alloys Corp.	Tin	CID002411	UNITED STATES OF AMERICA
Super Ligas	Tin	CID002756	BRAZIL
SUZHOU NUONENGDA CHEMICAL Co., Ltd.	Tin	CID001822	CHINA
Taicang City Nancang Metal Material Co., Ltd.	Tin	CID001845	CHINA
Taiwan high-tech Co., Ltd.	Tin	CID001851	TAIWAN, PROVINCE OF CHINA
Taiwan Huanliang	Tin	CID001852	TAIWAN, PROVINCE OF CHINA
Taiwan's lofty Enterprises Ltd.	Tin	CID001859	TAIWAN, PROVINCE OF CHINA
TAP	Tin	CID001882	UNITED STATES OF AMERICA
Thai Nguyen Mining and Metallurgy Co., Ltd.	Tin	CID002834	VIETNAM
Thailand Mine Factory	Tin	CID001897	THAILAND
Thaisarco	Tin	CID001898	THAILAND
Three green surface technology limited company	Tin	CID001920	CHINA
Tianshui ling bo technology co., Ltd.	Tin	CID001929	CHINA
Tin Plating Gejiu	Tin	CID001932	CHINA
Tin Technology & Refining	Tin	CID003325	UNITED STATES OF AMERICA
TONG LONG	Tin	CID001943	CHINA
Top-Team Technology (Shenzhen) Ltd.	Tin	CID001954	CHINA
Tuyen Quang Non-Ferrous Metals Joint Stock Company	Tin	CID002574	VIETNAM
Untracore Co., Ltd.	Tin	CID001998	THAILAND
VQB Mineral and Trading Group JSC	Tin	CID002015	VIETNAM
WELLEY	Tin	CID002027	TAIWAN, PROVINCE OF CHINA

White Solder Metalurgia e Mineracao Ltda.	Tin	CID002036	BRAZIL
Wujiang City luxe Tin Factory	Tin	CID002057	CHINA
Xiamen Honglu Tungsten Molybdenum Co., Ltd.	Tin	CID002428	CHINA
Xianghualing Tin Industry Co., Ltd.	Tin	CID002946	CHINA
Xin Furukawa Metal (Wuxi) Co., Ltd.	Tin	CID002090	CHINA
XURI	Tin	CID002099	CHINA
Yifeng Tin	Tin	CID002121	CHINA
Yiquan Manufacturing	Tin	CID002123	CHINA
Yuecheng Tin Co., Ltd.	Tin	CID002147	CHINA
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	Tin	CID002158	CHINA
Yunnan Chengo Electric Smelting Plant	Tin	CID002162	CHINA
Yunnan Copper Zinc Industry Co., Ltd.	Tin	CID002164	CHINA
Yunnan Geiju Smelting Corp.	Tin	CID002166	CHINA
Yunnan Industrial Co., Ltd.	Tin	CID002173	CHINA
Yunnan Malipo Baiyi Kuangye Co.	Tin	CID002309	CHINA
Yunnan Tin Company Limited	Tin	CID002180	CHINA
Yunnan Yunfan Non-ferrous Metals Co., Ltd.	Tin	CID003397	CHINA
Zhongshan Jinye Smelting Co.,Ltd	Tin	CID002220	CHINA
CNMC (Guangxi) PGMA Co., Ltd.	Tin, Tungsten	CID000278	CHINA
Jiangxi Yaosheng Tungsten Co., Ltd.	Tin, Tungsten	CID002316	CHINA
A.L.M.T. Corp.	Tungsten	CID000004	JAPAN
ACL Metais Eireli	Tungsten	CID002833	BRAZIL
Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	Tungsten	CID003427	BRAZIL
Asia Tungsten Products Vietnam Ltd.	Tungsten	CID002502	VIETNAM
Chenzhou Diamond Tungsten Products Co., Ltd.	Tungsten	CID002513	CHINA
China Molybdenum Tungsten Co., Ltd.	Tungsten	CID002641	CHINA
Chongyi Zhangyuan Tungsten Co., Ltd.	Tungsten	CID000258	CHINA
DAIDO STEEL	Tungsten	CID002349	JAPAN
Fujian Ganmin RareMetal Co., Ltd.	Tungsten	CID003401	CHINA
Fujian Jinxin Tungsten Co., Ltd.	Tungsten	CID000499	CHINA
Ganzhou Beseem Ferrotungsten Co., Ltd.	Tungsten	CID002644	CHINA
Ganzhou Haichuang Tungsten Co., Ltd.	Tungsten	CID002645	CHINA
Ganzhou Huaxing Tungsten Products Co., Ltd.	Tungsten	CID000875	CHINA
Ganzhou Jiangwu Ferrotungsten Co., Ltd.	Tungsten	CID002315	CHINA
Ganzhou Seadragon W & Mo Co., Ltd.	Tungsten	CID002494	CHINA
Ganzhou Yatai Tungsten Co., Ltd.	Tungsten	CID002536	CHINA
GEM Co., Ltd.	Tungsten	CID003417	CHINA
Global Tungsten & Powders Corp.	Tungsten	CID000568	UNITED STATES OF AMERICA
Guangdong Xianglu Tungsten Co., Ltd.	Tungsten	CID000218	CHINA
H.C. Starck Tungsten GmbH	Tungsten	CID002541	GERMANY
Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	Tungsten	CID002579	CHINA
Hunan Chunchang Nonferrous Metals Co., Ltd.	Tungsten	CID000769	CHINA

Hunan Litian Tungsten Industry Co., Ltd.	Tungsten	CID003182	CHINA
Hydrometallurg, JSC	Tungsten	CID002649	RUSSIAN FEDERATION
Japan New Metals Co., Ltd.	Tungsten	CID000825	JAPAN
Jiangwu H.C. Starck Tungsten Products Co., Ltd.	Tungsten	CID002551	CHINA
Jiangxi Gan Bei Tungsten Co., Ltd.	Tungsten	CID002321	CHINA
Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	Tungsten	CID002313	CHINA
Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	Tungsten	CID002318	CHINA
Jiangxi Xianglu Tungsten Co., Ltd.	Tungsten	CID002647	CHINA
Jiangxi Xinsheng Tungsten Industry Co., Ltd.	Tungsten	CID002317	CHINA
Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	Tungsten	CID002535	CHINA
JSC "Kirovgrad Hard Alloys Plant"	Tungsten	CID003408	RUSSIAN FEDERATION
Kennametal Fallon	Tungsten	CID000966	UNITED STATES OF AMERICA
Kennametal Huntsville	Tungsten	CID000105	UNITED STATES OF AMERICA
KGETS Co., Ltd.	Tungsten	CID003388	KOREA, REPUBLIC OF
Lianyou Metals Co., Ltd.	Tungsten	CID003407	TAIWAN, PROVINCE OF CHINA
Malipo Haiyu Tungsten Co., Ltd.	Tungsten	CID002319	CHINA
Masan High-Tech Materials	Tungsten	CID002543	VIETNAM
Mehra Ferro-Alloys Pvt. Ltd.	Tungsten	CID002652	INDIA
Moliren Ltd.	Tungsten	CID002845	RUSSIAN FEDERATION
Niagara Refining LLC	Tungsten	CID002589	UNITED STATES OF AMERICA
NPP Tyazhmetprom LLC	Tungsten	CID003416	RUSSIAN FEDERATION
Philippine Chuangxin Industrial Co., Inc.	Tungsten	CID002827	PHILIPPINES
Plansee SE	Tungsten	CID001368	AUSTRIA
South-East Nonferrous Metal Company Limited of Hengyang City	Tungsten	CID002815	CHINA
Tejing (Vietnam) Tungsten Co., Ltd.	Tungsten	CID001889	VIETNAM
Toshiba Material Co., Ltd.	Tungsten	CID002423	JAPAN
Tungsten Diversified Industries LLC	Tungsten	CID002659	UNITED STATES OF AMERICA
Unecha Refractory metals plant	Tungsten	CID002724	RUSSIAN FEDERATION
Vietnam Youngsun Tungsten Industry Co., Ltd.	Tungsten	CID002011	VIETNAM
Wolfram Bergbau und Hutten AG	Tungsten	CID002044	AUSTRIA
Wolfram Company CJSC	Tungsten	CID002047	RUSSIAN FEDERATION
Woltech Korea Co., Ltd.	Tungsten	CID002843	KOREA, REPUBLIC OF
Xiamen Tungsten (H.C.) Co., Ltd.	Tungsten	CID002320	CHINA
Xiamen Tungsten Co., Ltd.	Tungsten	CID002082	CHINA
Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	Tungsten	CID002830	CHINA
Xinhai Rendan Shaoguan Tungsten Co., Ltd.	Tungsten	CID002095	CHINA
Zhangzhou Chuen Bao Apt Smeltery Co., Ltd.	Tungsten	CID002195	CHINA
Zhuzhou Cemented Carbide Group Co., Ltd.	Tungsten	CID002236	CHINA

**Schedule B to
Conflict Minerals Report**

Possible Countries of Origin

Andorra
Australia
Austria
Belgium
Bolivia (Plurinational State of)
Brazil
Canada
Chile
China
Colombia
Czechia
Estonia
France
Germany
Ghana
India
Indonesia

Italy
Japan
Kazakhstan
Korea, Republic of
Kyrgyzstan
Lithuania
Malaysia
México
Myanmar
Netherlands
New Zealand
North Macedonia
Peru
Philippines
Poland
Russian Federation
Rwanda

Saudi Arabia
Singapore
South Africa
Spain
Sudan
Sweden
Switzerland
Taiwan, Province of China
Thailand
Turkey
Uganda
United Arab Emirates
United States of America
Uzbekistan
Viet Nam
Zambia
Zimbabwe