

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

FORM SD
Specialized Disclosure Report

ARROW ELECTRONICS, INC.
(Exact name of registrant as specified in its charter)

New York
(State or other jurisdiction of
incorporation or
organization)

1-4482
(Commission
File Number)

11-1806155
(I.R.S. Employer
Identification Number)

**9151 East Panorama Circle, Centennial,
Colorado**
(Address of principal executive offices)

80112
(Zip Code)

Carine Jean-Claude
Senior Vice President,
Chief Legal and Compliance Officer, and
Secretary
(303) 824-4000
(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, 2024.

Rule 13q-1 under the Securities Exchange Act (17 CFR 240.13q-1) for the fiscal year ended December 31, 2024.

Section 1 - Conflict Minerals Disclosures

Item 1.01 Conflict Minerals Disclosure and Report

Conflict Minerals Disclosure

Arrow Electronics, Inc.'s Conflict Minerals Report for the reporting period January 1, 2024 – December 31, 2024 is filed as Exhibit 1.01 to this Form SD and is publicly available at <https://www.arrow.com/company/overview/corporate-governance/reporting-and-governance>. Our Conflict Minerals Report includes a description of our due diligence process (including a reasonable country of origin inquiry).

Item 1.02 Exhibit

The Conflict Minerals Report described in Item 1.01 is filed as Exhibit 1.01 to this Form SD.

Section 2 - Resource Extraction Issuer Disclosure

Item 2.01. Resource Extraction Issuer Disclosure and Report

Not applicable.

Section 3 - Exhibits

Item 3.01 Exhibits

[Exhibit 1.01 - Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form SD.](#)

SIGNATURE

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

ARROW ELECTRONICS, INC.
(Registrant)

By: /s/ Carine Jean-Claude

Carine Jean-Claude

Senior Vice President, Chief Legal and Compliance Officer,
and Secretary

May 29, 2025

Arrow Electronics, Inc.
Conflict Minerals Report for the Year Ended December 31, 2024

This Conflict Minerals Report (“Report”) for Arrow Electronics, Inc. covers the reporting period January 1, 2024 to December 31, 2024 and has been prepared in accordance with Rule 13p-1 under the Securities Exchange Act of 1934, as amended (“Rule”). The Rule imposes certain reporting obligations on Securities and Exchange Commission registrants whose manufactured products contain conflict minerals which are necessary to the functionality or production of their products. Conflict minerals are defined as cassiterite, columbite-tantalite, gold, wolframite, and their derivatives, which are limited to tin, tantalum, and tungsten (collectively, “Conflict Minerals”).

References in this Report to “Arrow,” the “Company,” “we,” “us,” or “our” refer to Arrow Electronics, Inc. and all our consolidated subsidiaries.

Operations and Products Covered by this Report

Arrow sources and engineers technology for thousands of leading manufacturers, service providers, and users of enterprise computing solutions.

In 2024, the following products, among others, were assembled or modified by Arrow: capacitors; resistors; inductors; diodes; circuit protectors; connectors; wire; magnetics; flat panel and touch screens; personal computers; workstations; hard drives; motherboards; kiosks; power supplies; and lighting assemblies (collectively, “Products”).

The Company determined that some of the Products may contain Conflict Minerals necessary to their functionality or production.

Conflict Minerals Due Diligence Program

The Rule is based on considerations that mineral extraction and processing in conflict-affected and other high- risk regions may directly or indirectly contribute to armed conflict and human rights abuses in those areas. To identify and mitigate these risks in our supply chain, we designed our Conflict Minerals due diligence program around the framework set forth in the Organisation for Economic Co-operation and Development’s Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas (“OECD Guidance”). Arrow is also a member of the Responsible Minerals Initiative (“RMI”), and utilizes the tools, data, and other resources available through this multi-industry coalition supporting responsible sourcing.

1. Strong company management systems:
-

- a. Arrow's Conflict Minerals Program is designed and implemented by the Global Legal and Compliance department, the Global Material Data Management team, and the Arrow Supplier Quality team.
 - b. Arrow maintains a Conflict Minerals Policy that sets forth our commitment to transparency in supply chains, as well as our expectation that our suppliers will observe international standards for responsible sourcing. Our Worldwide Code of Business Conduct and Ethics (the "Code") and our Business Partner Code of Conduct and Ethics (the "Business Partner Code") further outline our standards for ethical business conduct and respect for human rights, both in our own operations and in our third-party relationships. These materials are publicly communicated at <https://www.arrow.com/company/overview/corporate-governance/reporting-and-governance>.
 - c. Arrow collects information from suppliers via the RMI's Conflict Minerals Reporting Template ("CMRT"). The CMRT is designed to identify smelters and refiners processing any Conflict Minerals contained in, and necessary to the functionality or production of our Products ("Smelters").
 - d. We maintain records relating to our Conflict Minerals program in accordance with our Information Governance Policy and Global Record Retention Schedule and applicable law.
 - e. We maintain multiple grievance mechanisms for employees and third parties to confidentially raise concerns regarding our business operations and supply chain, including concerns related to Conflict Minerals. Our AlertLine is available globally and in multiple languages, 24 hours a day and seven days a week. Employees are also encouraged to escalate concerns to the Global Legal and Compliance department or through other internal escalation channels. Any person escalating concerns in good faith is protected from retaliation under the Code. Employees are reminded of available escalation channels, and our commitment to protection of "whistleblowers," on an ongoing basis through communications and training.
2. Identification and assessment of supply chain risk:
- a. We identify the parts supplied to Arrow for the purpose of assembly and/or modification of the Products, and the direct suppliers of those parts ("Suppliers").
 - b. Arrow works with SiliconExpert Technologies, Inc.¹, a components database and service provider, to obtain CMRTs from the Suppliers, aggregate responses, and compile a list of identified Smelters.
 - c. We review the CMRT data along with any accompanying information received. Where appropriate, we engage with Suppliers to collect further information to address incomplete or potentially inaccurate responses.
 - d. We assess Smelters identified by our Suppliers' CMRTs against the RMI and other third-party standards to determine the conflict status of those entities and facilities.
3. Risk management:
- a. We designed and adopted a risk management plan that includes due diligence of Suppliers that may be sourcing or processing Conflict Minerals from the conflict-affected or high-risk regions. Arrow takes a risk-based approach to supplier due diligence, which may include:

¹ SiliconExpert Technologies, Inc. is a wholly owned subsidiary of Arrow Electronics, Inc.

- Screening Suppliers against various resources – including government sites, public records, and online media -- and monitoring these suppliers on an ongoing basis;
 - Obtaining comprehensive due diligence self-assessments from key Suppliers;
 - Confirming Suppliers' commitment to the principles of our Business Partner Code; and
 - Supplier engagement in enhanced due diligence to address red flags or heightened risk factors.
- b. We implemented a risk mitigation response plan to track Suppliers and Smelters identified as not meeting the standards set forth in our Conflict Minerals Policy or identified in other due diligence measures and to monitor their progress toward meeting those requirements.
- c. The Global Legal and Compliance department engages relevant stakeholders across functions to support risk mitigation efforts, as appropriate.
4. Independent supply chain audits:
- a. Based on Arrow's downstream position in the supply chain, the Company is not positioned to directly audit Smelters. Arrow relies on organizations such as the RMI for information on certified smelters. Additionally, Arrow seeks to participate in and contribute to industry associations and other organizations involved in supply chain audit activities, in line with the standards and processes set out in the OECD Guidance.
5. Disclosure of Conflict Minerals due diligence:
- a. This Report is publicly available on our company website at <https://www.arrow.com/company/overview/corporate-governance/reporting-and-governance>. The Report is also provided to customers upon request.

Reasonable Country of Origin Inquiry and Results

Pursuant to the Rule, Arrow conducts due diligence to determine whether any of the necessary Conflict Minerals in our Products may have originated in the Democratic Republic of the Congo or an adjoining country (collectively, "Covered Countries"). We further review whether the Conflict Minerals originating in Covered Countries are sourced from Smelters who conform with third-party audit standards, or from recycled or scrap sources.

Arrow does not purchase raw or unrefined Conflict Minerals, and we are many steps removed from the mining of any minerals in our Products. As a downstream purchaser, we do not have direct visibility into raw materials sourcing in our supply chain. We rely on our Suppliers to provide us with information on the origin and chain of custody of Conflict Minerals in the Products, and we understand that these Suppliers must collect similar information within their own supply chains. Many of our Suppliers provide Conflict Minerals data at the company level, rather than the part level, and in these instances the data we receive is not limited to the parts that are necessary to the functionality or production of the Products.

In 2024, Arrow obtained the parts it assembled or modified from 464 Suppliers. As a result of our Supplier outreach, Arrow received CMRTs from 82.59% of our Suppliers. Based on our reasonable country of origin inquiry, Arrow determined that two Smelters identified by our Suppliers are located in Covered Countries and have not been certified as conforming with the RMI or other third-party audit standards.

We are unable to confirm whether the two non-conforming Smelters identified through our analysis are in fact providing any Conflict Minerals necessary to the functionality or production of our Products, due in part to the company-level nature of the data provided by many of our Suppliers. As part of the ongoing due diligence process, Arrow continues to encourage our Suppliers to preference conforming Smelters and transition any non-conforming Smelters out of the supply chain. See Table 1 to Exhibit 1.01 for a list of Smelters identified in our due diligence process.

Future Due Diligence Measures

To mitigate the risks associated with Conflict Minerals in the supply chain, Arrow has taken or will take the following steps, among others, to continue to enhance the Conflict Minerals compliance program:

- reiterate to our Suppliers the expectations in our Conflict Minerals Policy regarding responsible sourcing;
- expand the breadth and depth of our supply chain due diligence; and
- conduct other due diligence as referenced in this Report.

Forward Looking Statements

This report includes “forward-looking statements,” as the term is defined under the federal securities laws. Forward-looking statements are those statements which are not statements of historical fact. These forward-looking statements can be identified by forward-looking words such as “expects,” “anticipates,” “intends,” “plans,” “may,” “will,” “believes,” “seeks,” “estimates,” and similar expressions. These forward-looking statements are subject to numerous assumptions, risks, and uncertainties, which could cause actual results or facts to differ materially from such statements for a variety of reasons. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date on which they are made. The Company undertakes no obligation to update publicly or revise any of the forward-looking statements.

Table 1: The following list identifies the facilities which, to the extent known, processed Conflict Minerals necessary to the functionality or production of parts assembled or modified by Arrow during the reporting period.

Substance Name	Smelter Name	Smelter Country
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Agosi AG	GERMANY
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
Gold	Argor-Heraeus S.A.	SWITZERLAND
Gold	ASAHI METALFINE, Inc.	JAPAN
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY
Gold	Aurubis AG	GERMANY

Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden Ronnskar	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	Caridad	MEXICO
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Gold	Cendres + Metaux S.A.	SWITZERLAND
Gold	Yunnan Copper Industry Co., Ltd.	CHINA
Gold	Chimet S.p.A.	ITALY
Gold	Chugai Mining	JAPAN
Gold	Daye Non-Ferrous Metals Mining Ltd.	CHINA
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
Gold	Dowa	JAPAN
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Gold	JSC Novosibirsk Refinery	RUSSIAN FEDERATION
Gold	Refinery of Seemine Gold Co., Ltd.	CHINA
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Metals Hong Kong Ltd.	CHINA
Gold	Heraeus Germany GmbH Co. KG	GERMANY
Gold	Hunan Chenzhou Mining Co., Ltd.	CHINA
Gold	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	CHINA
Gold	HwaSeong CJ CO., LTD.	KOREA, REPUBLIC OF
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	Istanbul Gold Refinery	TURKEY
Gold	Japan Mint	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION
Gold	JSC Uralelectromed	RUSSIAN FEDERATION
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kazakhmys Smelting LLC	KAZAKHSTAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	Kyrgyzaltyn JSC	KYRGYZSTAN
Gold	L'azurde Company For Jewelry	SAUDI ARABIA
Gold	Lingbao Gold Co., Ltd.	CHINA
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA
Gold	LS MnM Inc.	KOREA, REPUBLIC OF
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA

Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO
Gold	Mitsubishi Materials Corporation	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	Nihon Material Co., Ltd.	JAPAN
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION
Gold	MKS PAMP SA	SWITZERLAND
Gold	Penglai Penggang Gold Industry Co., Ltd.	CHINA
Gold	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	Royal Canadian Mint	CANADA
Gold	Sabin Metal Corp.	UNITED STATES OF AMERICA
Gold	Samduck Precious Metals	KOREA, REPUBLIC OF
Gold	Samwon Metals Corp.	KOREA, REPUBLIC OF
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Gold	Super Dragon Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA
Gold	Shandong Gold Smelting Co., Ltd.	CHINA
Gold	Tokuriki Honten Co., Ltd.	JAPAN
Gold	Tongling Nonferrous Metals Group Co., Ltd.	CHINA
Gold	Torecom	KOREA, REPUBLIC OF
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
Gold	Valcambi S.A.	SWITZERLAND
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
Gold	Morris and Watson	NEW ZEALAND

Gold	SAFINA A.S.	CZECHIA
Gold	Guangdong Jinding Gold Limited	CHINA
Gold	Umicore Precious Metals Thailand	THAILAND
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Gold	Fidelity Printers and Refiners Ltd.	ZIMBABWE
Gold	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Gold	Shandong Humon Smelting Co., Ltd.	CHINA
Gold	Shenzhen Zhonghenglong Real Industry Co., Ltd.	CHINA
Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES
Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES
Gold	International Precious Metal Refiners	UNITED ARAB EMIRATES
Gold	Kaloti Precious Metals	UNITED ARAB EMIRATES
Gold	Sudan Gold Refinery	SUDAN
Gold	T.C.A S.p.A	ITALY
Gold	REMONDIS PMR B.V.	NETHERLANDS
Gold	Fujairah Gold FZC	UNITED ARAB EMIRATES
Gold	Industrial Refining Company	BELGIUM
Gold	Shirpur Gold Refinery Ltd.	INDIA
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	Marsam Metals	BRAZIL
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
Gold	Shenzhen CuiLu Gold Co., Ltd.	CHINA
Gold	Albino Mountinho Lda.	PORTUGAL
Gold	SAAMP	FRANCE
Gold	L'Orfebvre S.A.	ANDORRA
Gold	8853 S.p.A.	ITALY
Gold	Italpreziosi	ITALY
Gold	WIELAND Edelmetalle GmbH	GERMANY
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA
Gold	AU Traders and Refiners	SOUTH AFRICA
Gold	GGC Gujrat Gold Centre Pvt. Ltd.	INDIA
Gold	Sai Refinery	INDIA
Gold	Modeltech Sdn Bhd	MALAYSIA
Gold	Bangalore Refinery	INDIA
Gold	Kyshtym Copper-Electrolytic Plant ZAO	RUSSIAN FEDERATION
Gold	Degussa Sonne / Mond Goldhandel GmbH	GERMANY
Gold	Pease & Curren	UNITED STATES OF AMERICA
Gold	JALAN & Company	INDIA
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Planta Recuperadora de Metales SpA	CHILE
Gold	ABC Refinery Pty Ltd.	AUSTRALIA
Gold	Safimet S.p.A	ITALY
Gold	State Research Institute Center for Physical Sciences and Technology	LITHUANIA
Gold	African Gold Refinery	UGANDA
Gold	Gold Coast Refinery	GHANA
Gold	NH Recytech Company	KOREA, REPUBLIC OF

Gold	QG Refining, LLC	UNITED STATES OF AMERICA
Gold	Dijlah Gold Refinery FZC	UNITED ARAB EMIRATES
Gold	CGR Metalloys Pvt Ltd.	INDIA
Gold	Sovereign Metals	INDIA
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Gold	Augmont Enterprises Private Limited	INDIA
Gold	Kundan Care Products Ltd.	INDIA
Gold	Emerald Jewel Industry India Limited (Unit 1)	INDIA
Gold	Emerald Jewel Industry India Limited (Unit 2)	INDIA
Gold	Emerald Jewel Industry India Limited (Unit 3)	INDIA
Gold	Emerald Jewel Industry India Limited (Unit 4)	INDIA
Gold	K.A. Rasmussen	NORWAY
Gold	Alexy Metals	UNITED STATES OF AMERICA
Gold	MD Overseas	INDIA
Gold	Metallix Refining Inc.	UNITED STATES OF AMERICA
Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
Gold	WEEEREFINING	FRANCE
Gold	Gold by Gold Colombia	COLOMBIA
Gold	Dongwu Gold Group	CHINA
Gold	SAM Precious Metals FZ-LLC	UNITED ARAB EMIRATES
Gold	NOBLE METAL SERVICES	UNITED STATES OF AMERICA
Gold	Coimpa Industrial LTDA	BRAZIL
Gold	SHENZHEN JINJUNWEI RESOURCE COMPREHENSIVE DEVELOPMENT CO., LTD.	CHINA
Gold	GG Refinery Ltd.	TANZANIA, UNITED REPUBLIC OF
Gold	Attero Recycling Pvt Ltd	INDIA
Gold	Impala Platinum - Platinum Metals Refinery (PMR)	SOUTH AFRICA
Gold	Elite Industech Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	CHINA
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Tantalum	AMG Brasil	BRAZIL
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	NPM Silmet AS	ESTONIA
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	Telex Metals	UNITED STATES OF AMERICA

Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	KEMET de Mexico	MEXICO
Tantalum	TANIOBIS Co., Ltd.	THAILAND
Tantalum	TANIOBIS GmbH	GERMANY
Tantalum	Materion Newton Inc.	UNITED STATES OF AMERICA
Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	CHINA
Tantalum	5D Production OU	ESTONIA
Tantalum	PowerX Ltd.	RWANDA
Tantalum	Jiangxi Suns Nonferrous Materials Co. Ltd.	CHINA
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	Alpha Assembly Solutions Inc	UNITED STATES OF AMERICA
Tin	PT Premium Tin Indonesia	INDONESIA
Tin	Dowa	JAPAN
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Estanho de Rondonia S.A.	BRAZIL
Tin	Fenix Metals	POLAND
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA
Tin	Gejiu Kai Meng Industry and Trade LLC	CHINA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Tin	Mineracao Taboca S.A.	BRAZIL
Tin	Minsur	PERU
Tin	Mitsubishi Materials Corporation	JAPAN
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
Tin	Novosibirsk Tin Combine	RUSSIAN FEDERATION
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Timah Tbk Kundur	INDONESIA
Tin	PT Timah Tbk Mentok	INDONESIA

Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Tin	Thaisarco	THAILAND
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA
Tin	VQB Mineral and Trading Group JSC	VIET NAM
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
Tin	Melt Metais e Ligas S.A.	BRAZIL
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	VIET NAM
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIET NAM
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM
Tin	PT Rajehan Ariq	INDONESIA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	An Vinh Joint Stock Mineral Processing Company	VIET NAM
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tin	Super Ligas	BRAZIL
Tin	Aurubis Beerse	BELGIUM
Tin	Aurubis Berango	SPAIN
Tin	PT Bangka Prima Tin	INDONESIA
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA
Tin	Modeltech Sdn Bhd	MALAYSIA
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	Pongpipat Company Limited	MYANMAR
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
Tin	Dongguan CiEXPO Environmental Engineering Co., Ltd.	CHINA
Tin	Ma'anshan Weitai Tin Co., Ltd.	CHINA
Tin	Luna Smelter, Ltd.	RWANDA
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
Tin	Precious Minerals and Smelting Limited	INDIA
Tin	Gejiu City Fuxiang Industry and Trade Co., Ltd.	CHINA
Tin	PT Mitra Sukses Globalindo	INDONESIA
Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	BRAZIL
Tin	CRM Synergies	SPAIN
Tin	Fabrica Auricchio Industria e Comercio Ltda.	BRAZIL
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Tin	Mining Minerals Resources SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Tin	Takehara PVD Materials Plant / PVD Materials Division of MITSUI MINING & SMELTING CO., LTD.	JAPAN
Tin	Malaysia Smelting Corporation Berhad (Port Klang)	MALAYSIA
Tin	RIKAYAA GREENTECH PRIVATE LIMITED	INDIA
Tin	Woodcross Smelting Company Limited	UGANDA
Tin	Global Advanced Metals Greenbushes Pty Ltd.	AUSTRALIA

Tin	Longnan Chuangyue Environmental Protection Technology Development Co., Ltd	CHINA
Tungsten	A.L.M.T. Corp.	JAPAN
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	CNMC (Guangxi) PGMA Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA
Tungsten	Hunan Jintai New Material Co., Ltd.	CHINA
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	CHINA
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Masan High-Tech Materials	VIET NAM
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
Tungsten	Hydrometallurg, JSC	RUSSIAN FEDERATION
Tungsten	Unecha Refractory metals plant	RUSSIAN FEDERATION
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
Tungsten	ACL Metais Eireli	BRAZIL
Tungsten	Moliren Ltd.	RUSSIAN FEDERATION
Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	JSC "Kirovgrad Hard Alloys Plant"	RUSSIAN FEDERATION
Tungsten	NPP Tyazhmetprom LLC	RUSSIAN FEDERATION
Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	BRAZIL
Tungsten	Cronimet Brasil Ltda	BRAZIL
Tungsten	Artek LLC	RUSSIAN FEDERATION
Tungsten	Fujian Xinlu Tungsten Co., Ltd.	CHINA
Tungsten	OOO "Technolom" 2	RUSSIAN FEDERATION
Tungsten	OOO "Technolom" 1	RUSSIAN FEDERATION

Tungsten	LLC Vostok	RUSSIAN FEDERATION
Tungsten	YUDU ANSHENG TUNGSTEN CO., LTD.	CHINA
Tungsten	HANNAE FOR T Co., Ltd.	KOREA, REPUBLIC OF
Tungsten	Tungsten Vietnam Joint Stock Company	VIET NAM
Tungsten	Nam Viet Cromit Joint Stock Company	VIET NAM
Tungsten	MALAMET SMELTING SDN. BHD.	MALAYSIA
Tungsten	DONGKUK INDUSTRIES CO., LTD.	KOREA, REPUBLIC OF
Tungsten	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	Shinwon Tungsten (Fujian Shanghang) Co., Ltd.	CHINA
Tungsten	Philippine Carreytech Metal Corp.	PHILIPPINES
Tungsten	KENEE MINING VIETNAM COMPANY LIMITED	VIET NAM
Tungsten	Philippine Bonway Manufacturing Industrial Corporation	PHILIPPINES
