

LG Electronics Conflict Minerals Due Diligence Report

Reporting Period: January 1, 2018 through December 31, 2018

(March 2019)

Introduction

LG Electronics (“LGE”) is a global leader and technology innovator in consumer electronics, mobile communications and home appliances, employing 75,000 people working in 118 locations around the world. LGE comprises five main business units — Home Appliance & Air Solutions, Mobile Communications, Home Entertainment, Vehicle Solutions, and Business Solutions — and is one of the world's leading producers of flat panel TVs, mobile devices, air conditioners, washing machines and refrigerators.

While LGE does not purchase raw ore or unrefined minerals directly from mines or metal processors, metals including tin, tungsten, tantalum, gold (3TG) are included in some of the materials, parts or components that LGE purchases from first-tier suppliers which then end up in our products. Consistent with LGE’s corporate social responsibility mission, LGE is committed to conducting business in an ethical, socially and environmentally responsible way and has implemented a conflict minerals management system for 3TG and has initiated efforts to help advance responsible sourcing of cobalt.

Due Diligence Process Design

LG Electronics has designed its conflict minerals management system to align with the OCED Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas (OECD Guidance). In addition, LGE is a member of the Responsible Business Alliance (RBA), the Responsible Minerals Initiative (RMI), and the Public Private Alliance for Responsible Minerals Trade (PPA) to further support alignment of its programs to international standards, industry best practices and in support of in-region conflict-free supply chains.

Following the OECD Guidance, LGE’s conflict minerals program is designed appropriate to its position as a downstream company in the minerals supply chain and follows the OECD 5-step framework:

1. Establish strong company management systems
2. Identify and assess risk in the supply chain
3. Design and implement a strategy to respond to identified risks

4. Carry out independent third-party audits of supply chain due diligence
5. Report on supply chain due diligence

1. Establish Strong Company Management System

LGE Conflict Minerals Policy

Pursuant to LGE's [conflict minerals policy](#), LGE carries out due diligence with relevant suppliers consistent with the OECD Guidance and we encourage our suppliers to do likewise with their suppliers.

All direct suppliers must document their efforts to determine and provide evidence as to the origin of minerals defined as "conflict minerals," i.e., tin, tungsten, tantalum, gold (3TG) in materials supplied to LGE. As part of this process, direct suppliers must register conflict minerals information on LGE's IT system or they are prohibited from supplying their materials and parts to LGE. Starting in 2019, LGE will begin supply chain traceability for cobalt by surveying suppliers of cobalt containing materials.

LGE also encourages smelters and refiners to participate in third party independent conflict-free/responsible sourcing validation programs, such as the Responsible Minerals Assurance Process (RMAP) or mutually recognized assurance mechanisms, in direct annual communications and in cooperation with our suppliers and partner companies. In addition, in 2018 LGE announced its goal to source from only from RMAP conformant smelters and refiners for 3TG by 2021 (2019 for tantalum and tungsten; 2020 for tin; and 2021 for gold).

LGE Internal task team

LGE established a global cross-functional team to support responsible mineral sourcing consisting of representatives from Compliance, Procurement, Sales and Corporate Social Responsibility. To ensure conflict minerals compliance and program implementation are effective, the task team undertakes the following measures:

- Streamlined communication via LGE's conflict-mineral@lge.com email address, which is also publicly posted on LGE's global conflict minerals website.
- Membership in RMI, including regular attendance of RMI working groups (Due Diligence Practices Team, Smelter Engagement Team, Minerals Reporting Template Team) and use of RMI materials to support reasonable country of origin determination and due diligence activity. The RMI provides its members with regularly updated information on conflict-free smelters and refiners, tools

for gathering mineral sourcing information, and offers a forum for exchanging best practices to address conflict mineral issues. The RMI has also implemented a Grievance Mechanism that is available to members to help identify mineral supply chain risk.

- Weekly team updates and monthly status reports for customer compliance reporting, and relevant activities related to regulations, RMI tools/resources, international fora, and NGOs and/or media coverage or inquiries.
- Bi-annual program evaluation to assess and review programs and recommend improvement measures.
- Top management reporting, at least annually, to communicate program effectiveness, customer request trends, risks of concern, and to request support as needed.

LGE Standard of Conflict Minerals Management

The LGE Standard of Conflict Minerals Management (the Standard) was created in 2015 and serves as the company's internal reference to carry out the requirements and work processes associated with LGE's conflict minerals management system. The Standard is designed to support LGE in providing information to customers for their compliance with United States conflict minerals requirements, as well as aligning with the OECD Guidance.

The Standard is implemented according to the roles & responsibilities of LGE's conflict minerals task team and is reviewed and updated on a regular basis. It incorporates regular training requirements for suppliers and LGE responsible engineers at least once a year, as well as LGE division/subsidiary training as needed. In 2019, LGE's Standard was expanded to include steps for the responsible sourcing of cobalt to address social concerns related to cobalt mining (such as child labor), as well as integrating the company's commitment to source from only RMAP listed smelters and refiners for 3TG by 2021.

The scope of the Standard includes the parts, components, materials, and other articles that are procured by LGE, or by third parties to which LGE outsources the design and manufacture of its electronics products. This standard is applied to the following products transacted with LGE (collectively "LG Electronics supplied products"):

- All products designed, produced, sold and supplied by LG Electronics
- Products designed and produced by the suppliers, but supplied to market with the trademark of LG Electronics attached (ODM part / model)

- Products designed by LG Electronics, produced by the suppliers and supplied to market with the trademark of LG Electronics attached. (OEM part / model)

LGE Supplier Requirements

The LG Electronics' [Supplier Code of Conduct](#) stipulates what LGE requires from its suppliers so that they will implement a safe working environment, respect the human rights of their employees, fulfill their responsibilities to protect the environment, and operate their business ethically. Pursuant to Article 5 under the Code of Conduct, Suppliers shall establish and maintain a policy to ensure that conflict minerals (3TG) contained in products supplied to LGE do not directly or indirectly finance or benefit an armed group in the Democratic Republic of the Congo or an adjoining country. It also requires that the Supplier shall exercise due diligence on the source and chain of custody of conflict minerals (3TG) contained in LGE's products and make due diligence measures available to LGE upon request.

LGE's conflict minerals policy is regularly communicated to suppliers, as well as the smelters and refiners in LGE's supply chain, and LGE's Supplier Code of Conduct is incorporated by reference in LGE supplier contracts. LGE has also begun conducting outreach to cobalt suppliers and refiners to raise awareness of the new RMAP cobalt audit protocol and to request refiner audit participation.

2. Identify and Assess Supply Chain Risk

LGE collects the materials content information of parts using an internally designed information technology database called the Hazardous Substances Management System (HSMS). For 3TG information, all LGE suppliers must submit the material information of the part before the part is supplied to LGE. Beginning in 2019, LGE will also begin requesting that suppliers report cobalt information. When a supplier submits the material information of a part, the HSMS will automatically filter if the part contains 3TG or cobalt, and then provide the target part / supplier list for surveying conflict mineral or cobalt information in LGE's Conflict Minerals Management System (CMMS).

Supplier 3TG information is collected using the industry standard for data exchange to identify smelters and refiners in LGE's supply chain, i.e. the RMI's conflict minerals reporting template, to conduct supply chain traceability and help reasonably identify country of origin sourcing. LGE requests that its suppliers refresh this information on an annual basis or whenever a new part is registered in the HSMS. LGE reviews and monitors its supplier's 3TG data using tools and resources available to LGE as an RMI member, such as RMAP conformant smelter/refiner status and Reasonable Country of

Origin sourcing Information (RCOI), as well as other publicly available sources of information.

3. Respond to Supply Chain Risk

The LGE Standard of Conflict Minerals Management defines risk level criterion for 3TG and cobalt sourcing based on the metal, origin of sourcing and smelter information, and provides a framework for responding to identified risk. Based on the risk rating, LGE will request corrective action to mitigate risk with its suppliers, for example to require more accurate supply chain information, to demonstrate due diligence activities on source or chain of custody, or to remove high risk smelters/refiners from LGE's supply chain, if appropriate. If the supplier doesn't replace the smelter in a timely manner, LGE will take measures to replace the supplier. Risk identification and response is an ongoing process based on information as it becomes available, and conducted on a supply chain-wide basis two times per year concurrent with the preparation of LGE's biannual conflict minerals disclosure report which is reported to its customers.

4. Support Smelter/Refiner Due Diligence Practices via Audit and In-Region Support

LGE is a corporate member of the [Responsible Minerals Initiative](#) (RMI) which operates the [Responsible Minerals Assurance Process](#) (RMAP), a program that uses third party independent auditors to validate that participating smelters and refiners have adequate policies and due diligence processes in place to trace the origin of the minerals that they process and assess whether they were obtained from conflict free sources. LGE's membership to the RMI supports the implementation of smelter/refiner due diligence audits and promotes cross industry efforts to drive a conflict free global supply chain, enabling downstream companies, like LGE, to more confidently source conflict free minerals in the DRC and adjoining countries. In 2019, LGE supported the [RBA Foundation Initial Audit Fund](#), contributing additional funding to support smelters and refiners in completing due diligence audits. And in 2018 LGE became a member of the [Public Private Alliance for Responsible Minerals Trade](#) (PPA), a multi-stakeholder initiative to provide funding and coordinating for in-region projects and initiatives to support verifiable conflict free supply chains.

5. Report Annually on Supply Chain Due Diligence

LGE reports the progress and status of its conflict minerals management program, and other responsible mineral sourcing activity, annually in [LGE's Global Sustainability Report](#), and also makes regular updates to LGE's global conflict minerals website page. In addition, starting in 2019, LGE will begin publishing annually this supplemental report on

our due diligence activities, the LGE Conflict Minerals Due Diligence Report, on the [LGE conflict minerals website](#).

Steps to Improve Future Due Diligence Measures

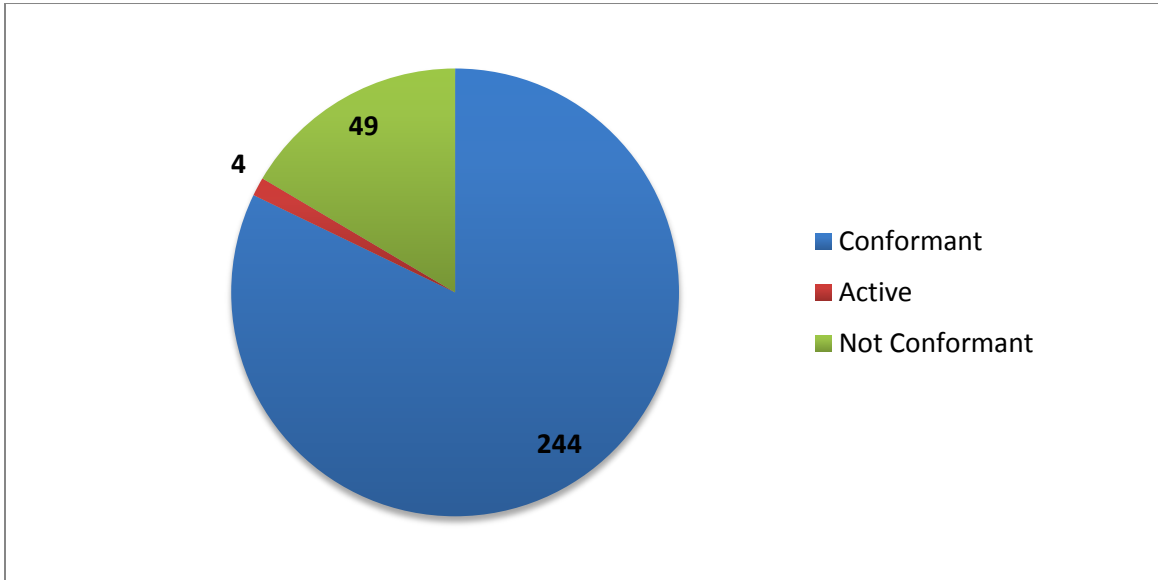
LGE strives for annual continuous improvement in its conflict minerals management program, including improving supplier response rate and increasing the percentage of RMAP conformant smelters and refiners in LGE supply chain. In 2018, LGE announced a target to use only 100% RMAP conformant smelters/refiners by 2021 on the following schedule:

- 100% RMAP conformant smelter/refiner for tantalum and tungsten by end of 2019
- 100% RMAP conformant smelter/refiner for tin by end of 2020
- 100% RMAP conformant smelter/refiner for Gold by end of 2021

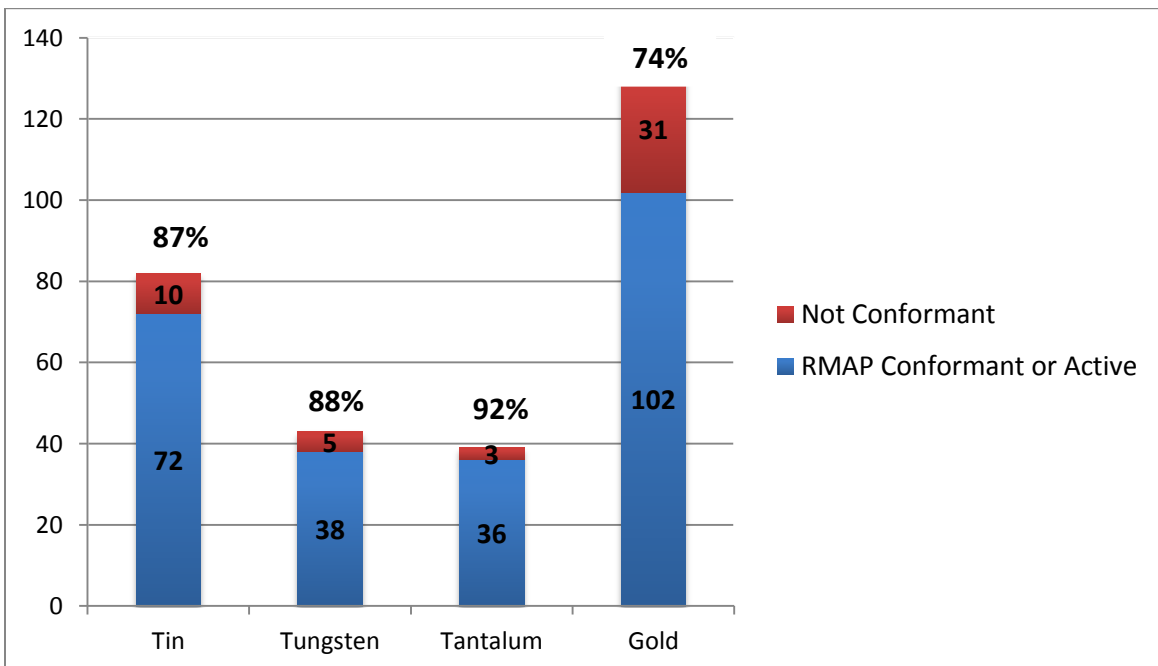
In 2019, LGE is taking steps to improve the responsible sourcing of cobalt including initiating supply chain surveying and encouraging cobalt refiners in our supply chain to participate in RMAP process for cobalt refiners. The effectiveness of survey and traceability activities will be assessed at the end of 2019 and improvement measures will be considered for 2020.

2018 Due Diligence Results

2018 RMI Status of Reported Smelters/Refiners (297 Total)
 (Based on information available from RMI as of December 14, 2018)



2018 RMI Status of Reported Smelter/Refiner Status by Metal
 (Based on information available from RMI as of December 14, 2018)



The RMAP classifies audit status in the following manner:

- Conformant: Smelter or Refiner (SOR) has been audited and found to conform with the relevant audit protocols, including RMAP, LBMA, or RJC
- Active: SOR has engaged in audit process but is not yet conformant
- Not conformant – LGE has grouped various RMAP classifications into this category for not conformant SORs (i.e., non-conformant, outreach required, in communication, etc)

**LGE Smelter/Refiner List
(As of December 14th, 2018)**

Metal	Official Smelter Name	Smelter ID	Smelter Country	Audit Status
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CID000211	CHINA	Conformant
Tantalum	D Block Metals, LLC	CID002504	USA	Conformant
Tantalum	Exotech Inc.	CID000456	USA	Conformant
Tantalum	F&X Electro-Materials Ltd.	CID000460	CHINA	Conformant
Tantalum	FIR Metals & Resource Ltd.	CID002505	CHINA	Conformant
Tantalum	Global Advanced Metals Aizu	CID002558	JAPAN	Conformant
Tantalum	Global Advanced Metals Boyertown	CID002557	USA	Conformant
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	CID000291	CHINA	Conformant
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	CID000616	CHINA	Conformant
Tantalum	H.C. Starck Co., Ltd.	CID002544	THAILAND	Conformant
Tantalum	H.C. Starck Hermsdorf GmbH	CID002547	GERMANY	Conformant
Tantalum	H.C. Starck Inc.	CID002548	USA	Conformant
Tantalum	H.C. Starck Ltd.	CID002549	JAPAN	Conformant
Tantalum	H.C. Starck Smelting GmbH & Co. KG	CID002550	GERMANY	Conformant
Tantalum	H.C. Starck Tantalum and Niobium GmbH	CID002545	GERMANY	Conformant
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CID002492	CHINA	Conformant
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CID002512	CHINA	Conformant
Tantalum	Jiujiang JinXin Nonferrous Metals Co., Ltd.	CID000914	CHINA	Conformant
Tantalum	Jiujiang Tanbre Co., Ltd.	CID000917	CHINA	Conformant
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CID002506	CHINA	Conformant
Tantalum	KEMET Blue Metals	CID002539	MEXICO	Conformant
Tantalum	KEMET Blue Powder	CID002568	USA	Conformant
Tantalum	LSM Brasil S.A.	CID001076	BRAZIL	Conformant
Tantalum	Metallurgical Products India Pvt., Ltd.	CID001163	INDIA	Conformant
Tantalum	Mineracao Taboca S.A.	CID001175	BRAZIL	Conformant
Tantalum	Mitsui Mining and Smelting Co., Ltd.	CID001192	JAPAN	Conformant
Tantalum	NPM Silmet AS	CID001200	ESTONIA	Conformant
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CID001277	CHINA	Conformant
Tantalum	QuantumClean	CID001508	USA	Conformant
Tantalum	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Tantalum & Niobium Co., Ltd.	CID001522	CHINA	Conformant

Tantalum	Resind Industria e Comercio Ltda.	CID002707	BRAZIL	Conformant
Tantalum	Solikamsk Magnesium Works OAO	CID001769	RUSSIAN FEDERATION	Conformant
Tantalum	Taki Chemical Co., Ltd.	CID001869	JAPAN	Conformant
Tantalum	Telex Metals	CID001891	USA	Conformant
Tantalum	Ulba Metallurgical Plant JSC	CID001969	KAZAKHSTAN	Conformant
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CID002508	CHINA	Conformant
Tin	Alpha	CID000292	USA	Conformant
Tin	An Vinh Joint Stock Mineral Processing Company	CID002703	VIET NAM	Not conformant
Tin	CV Ayi Jaya	CID002570	INDONESIA	Conformant
Tin	CV Dua Sekawan	CID002592	INDONESIA	Conformant
Tin	CV Gita Pesona	CID000306	INDONESIA	Conformant
Tin	PT Premium Tin Indonesia	CID000313	INDONESIA	Conformant
Tin	PT Rajehan Ariq	CID002593	INDONESIA	Conformant
Tin	CV United Smelting	CID000315	INDONESIA	Conformant
Tin	CV Venus Inti Perkasa	CID002455	INDONESIA	Conformant
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CID000228	CHINA	Conformant
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CID003190	CHINA	Conformant
Tin	China Tin Group Co., Ltd.	CID001070	CHINA	Conformant
Tin	Dowa	CID000402	JAPAN	Conformant
Tin	EM Vinto	CID000438	BOLIVIA	Conformant
Tin	Estanho de Rondonia S.A.	CID000448	BRAZIL	Not conformant
Tin	Fenix Metals	CID000468	POLAND	Conformant
Tin	Gejiu Fengming Metallurgy Chemical Plant	CID002848	CHINA	Conformant
Tin	Gejiu Jinye Mineral Company	CID002859	CHINA	Conformant
Tin	Gejiu Kai Meng Industry and Trade LLC	CID000942	CHINA	Conformant
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CID000538	CHINA	Conformant
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CID001908	CHINA	Conformant
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CID000555	CHINA	Active
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CID003116	CHINA	Conformant
Tin	Guanyang Guida Nonferrous Metal Smelting Plant	CID002849	CHINA	Conformant
Tin	HuiChang Hill Tin Industry Co., Ltd.	CID002844	CHINA	Conformant
Tin	Huichang Jinshunda Tin Co., Ltd.	CID000760	CHINA	Conformant
Tin	Jiangxi Ketai Advanced Material Co., Ltd.	CID000244	CHINA	Not conformant
Tin	Magnu's Minerai's Metais e Ligas Ltda.	CID002468	BRAZIL	Conformant
Tin	Malaysia Smelting Corporation (MSC)	CID001105	MALAYSIA	Conformant
Tin	Melt Metais e Ligas S.A.	CID002500	BRAZIL	Conformant
Tin	Metallic Resources, Inc.	CID001142	USA	Conformant
Tin	Metallo Belgium N.V.	CID002773	BELGIUM	Conformant
Tin	Metallo Spain S.L.U.	CID002774	SPAIN	Conformant
Tin	Mineracao Taboca S.A.	CID001173	BRAZIL	Conformant
Tin	Minsur	CID001182	PERU	Conformant
Tin	Mitsubishi Materials Corporation	CID001191	JAPAN	Conformant

Tin	Modeltech Sdn Bhd	CID002858	MALAYSIA	Conformant
Tin	Jiangxi New Nanshan Technology Ltd.	CID001231	CHINA	Conformant
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	CID002573	VIET NAM	Not conformant
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	CID001314	THAILAND	Conformant
Tin	O.M. Manufacturing Philippines, Inc.	CID002517	PHILIPPINES	Conformant
Tin	Operaciones Metalurgicas S.A.	CID001337	BOLIVIA	Conformant
Tin	PT ATD Makmur Mandiri Jaya	CID002503	INDONESIA	Conformant
Tin	PT Aries Kencana Sejahtera	CID000309	INDONESIA	Conformant
Tin	PT Artha Cipta Langgeng	CID001399	INDONESIA	Conformant
Tin	PT Babel Inti Perkasa	CID001402	INDONESIA	Conformant
Tin	PT Bangka Prima Tin	CID002776	INDONESIA	Conformant
Tin	PT Bangka Serumpun	CID003205	INDONESIA	Conformant
Tin	PT Bangka Tin Industry	CID001419	INDONESIA	Conformant
Tin	PT Belitung Industri Sejahtera	CID001421	INDONESIA	Conformant
Tin	PT Bukit Timah	CID001428	INDONESIA	Conformant
Tin	PT DS Jaya Abadi	CID001434	INDONESIA	Conformant
Tin	PT Inti Stania Prima	CID002530	INDONESIA	Conformant
Tin	PT Karimun Mining	CID001448	INDONESIA	Conformant
Tin	PT Kijang Jaya Mandiri	CID002829	INDONESIA	Conformant
Tin	PT Lautan Harmonis Sejahtera	CID002870	INDONESIA	Conformant
Tin	PT Menara Cipta Mulia	CID002835	INDONESIA	Conformant
Tin	PT Mitra Stania Prima	CID001453	INDONESIA	Conformant
Tin	PT Panca Mega Persada	CID001457	INDONESIA	Conformant
Tin	PT Prima Timah Utama	CID001458	INDONESIA	Conformant
Tin	PT Refined Bangka Tin	CID001460	INDONESIA	Conformant
Tin	PT Sariwiguna Binasentosa	CID001463	INDONESIA	Conformant
Tin	PT Stanindo Inti Perkasa	CID001468	INDONESIA	Conformant
Tin	PT Sukses Inti Makmur	CID002816	INDONESIA	Conformant
Tin	PT Sumber Jaya Indah	CID001471	INDONESIA	Conformant
Tin	PT Timah Tbk Kundur	CID001477	INDONESIA	Conformant
Tin	PT Timah Tbk Mentok	CID001482	INDONESIA	Conformant
Tin	PT Tinindo Inter Nusa	CID001490	INDONESIA	Conformant
Tin	PT Tommy Utama	CID001493	INDONESIA	Conformant
Tin	Resind Industria e Comercio Ltda.	CID002706	BRAZIL	Conformant
Tin	Rui Da Hung	CID001539	TAIWAN	Conformant
Tin	Soft Metais Ltda.	CID001758	BRAZIL	Conformant
Tin	Super Ligas	CID002756	BRAZIL	Not conformant
Tin	Thaisarco	CID001898	THAILAND	Conformant
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	CID002574	VIET NAM	Not conformant
Tin	White Solder Metalurgia e Mineracao Ltda.	CID002036	BRAZIL	Conformant
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CID002158	CHINA	Conformant
Tin	Yunnan Tin Company Limited	CID002180	CHINA	Conformant

Gold	AU Traders and Refiners	CID002850	SOUTH AFRICA	Conformant
Gold	Advanced Chemical Company	CID000015	USA	Conformant
Gold	Aida Chemical Industries Co., Ltd.	CID000019	JAPAN	Conformant
Gold	Al Etihad Gold Refinery DMCC	CID002560	UAE	Conformant
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	CID000035	GERMANY	Conformant
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	CID000041	UZBEKISTAN	Conformant
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	CID000058	BRAZIL	Conformant
Gold	Argor-Heraeus S.A.	CID000077	SWITZERLAND	Conformant
Gold	Asahi Pretec Corp.	CID000082	JAPAN	Conformant
Gold	Asahi Refining Canada Ltd.	CID000924	CANADA	Conformant
Gold	Asahi Refining USA Inc.	CID000920	USA	Conformant
Gold	Asaka Riken Co., Ltd.	CID000090	JAPAN	Conformant
Gold	Aurubis AG	CID000113	GERMANY	Conformant
Gold	Bangalore Refinery	CID002863	INDIA	Active
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	CID000128	PHILIPPINES	Conformant
Gold	Boliden AB	CID000157	SWEDEN	Conformant
Gold	C. Hafner GmbH + Co. KG	CID000176	GERMANY	Conformant
Gold	CCR Refinery - Glencore Canada Corporation	CID000185	CANADA	Conformant
Gold	Caridad	CID000180	MEXICO	Not conformant
Gold	Cendres + Metaux S.A.	CID000189	SWITZERLAND	Conformant
Gold	Chimet S.p.A.	CID000233	ITALY	Conformant
Gold	Chugai Mining	CID000264	JAPAN	Active
Gold	DODUCO Contacts and Refining GmbH	CID000362	GERMANY	Conformant
Gold	DSC (Do Sung Corporation)	CID000359	KOREA, REPUBLIC OF	Conformant
Gold	Daejin Indus Co., Ltd.	CID000328	KOREA, REPUBLIC OF	Conformant
Gold	Daye Non-Ferrous Metals Mining Ltd.	CID000343	CHINA	Not conformant
Gold	Degussa Sonne / Mond Goldhandel GmbH	CID002867	GERMANY	Not conformant
Gold	Dowa	CID000401	JAPAN	Conformant
Gold	Eco-System Recycling Co., Ltd.	CID000425	JAPAN	Conformant
Gold	Emirates Gold DMCC	CID002561	UAE	Conformant
Gold	Refinery of Seemine Gold Co., Ltd.	CID000522	CHINA	Not conformant
Gold	Geib Refining Corporation	CID002459	USA	Conformant
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CID002243	CHINA	Conformant
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CID001909	CHINA	Not conformant
Gold	Guangdong Jinding Gold Limited	CID002312	CHINA	Not conformant
Gold	GCC Gujrat Gold Centre Pvt. Ltd.	CID002852	INDIA	Not conformant
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CID000651	CHINA	Not conformant
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CID000671	CHINA	Not conformant
Gold	HeeSung Metal Ltd.	CID000689	KOREA, REPUBLIC OF	Conformant
Gold	Heimerle + Meule GmbH	CID000694	GERMANY	Conformant

Gold	Heraeus Metals Hong Kong Ltd.	CID000707	CHINA	Conformant
Gold	Heraeus Precious Metals GmbH & Co. KG	CID000711	GERMANY	Conformant
Gold	Hunan Chenzhou Mining Co., Ltd.	CID000767	CHINA	Not conformant
Gold	HwaSeong CJ CO., LTD.	CID000778	KOREA, REPUBLIC OF	Not conformant
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CID000801	CHINA	Conformant
Gold	Ishifuku Metal Industry Co., Ltd.	CID000807	JAPAN	Conformant
Gold	Istanbul Gold Refinery	CID000814	TURKEY	Conformant
Gold	Italpreziosi	CID002765	ITALY	Conformant
Gold	JSC Uralelectromed	CID000929	RUSSIAN FEDERATION	Conformant
Gold	JX Nippon Mining & Metals Co., Ltd.	CID000937	JAPAN	Conformant
Gold	Japan Mint	CID000823	JAPAN	Conformant
Gold	Jiangxi Copper Co., Ltd.	CID000855	CHINA	Conformant
Gold	KGHM Polska Miedz Spolka Akcyjna	CID002511	POLAND	Active
Gold	Kazakhmys Smelting LLC	CID000956	KAZAKHSTAN	Not conformant
Gold	Kazinc	CID000957	KAZAKHSTAN	Conformant
Gold	Kennecott Utah Copper LLC	CID000969	USA	Conformant
Gold	Kojima Chemicals Co., Ltd.	CID000981	JAPAN	Conformant
Gold	Korea Zinc Co., Ltd.	CID002605	KOREA, REPUBLIC OF	Conformant
Gold	Kyrgyzaltyn JSC	CID001029	KYRGYZSTAN	Conformant
Gold	LS-NIKKO Copper Inc.	CID001078	KOREA, REPUBLIC OF	Conformant
Gold	Lingbao Gold Co., Ltd.	CID001056	CHINA	Not conformant
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CID001058	CHINA	Not conformant
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CID001093	CHINA	Not conformant
Gold	MMTC-PAMP India Pvt., Ltd.	CID002509	INDIA	Conformant
Gold	Marsam Metals	CID002606	BRAZIL	Conformant
Gold	Materion	CID001113	USA	Conformant
Gold	Matsuda Sangyo Co., Ltd.	CID001119	JAPAN	Conformant
Gold	Metalor Technologies (Hong Kong) Ltd.	CID001149	CHINA	Conformant
Gold	Metalor Technologies (Singapore) Pte., Ltd.	CID001152	SINGAPORE	Conformant
Gold	Metalor Technologies (Suzhou) Ltd.	CID001147	CHINA	Conformant
Gold	Metalor Technologies S.A.	CID001153	SWITZERLAND	Conformant
Gold	Metalor USA Refining Corporation	CID001157	USA	Conformant
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	CID001161	MEXICO	Conformant
Gold	Mitsubishi Materials Corporation	CID001188	JAPAN	Conformant
Gold	Mitsui Mining and Smelting Co., Ltd.	CID001193	JAPAN	Conformant
Gold	Morris and Watson	CID002282	NEW ZEALAND	Not conformant
Gold	Moscow Special Alloys Processing Plant	CID001204	RUSSIAN FEDERATION	Conformant
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	CID001220	TURKEY	Conformant
Gold	Navoi Mining and Metallurgical Combinat	CID001236	UZBEKISTAN	Not conformant

Gold	Nihon Material Co., Ltd.	CID001259	JAPAN	Conformant
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	CID001326	RUSSIAN FEDERATION	Conformant
Gold	OJSC Novosibirsk Refinery	CID000493	RUSSIAN FEDERATION	Conformant
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	CID002779	AUSTRIA	Conformant
Gold	Ohura Precious Metal Industry Co., Ltd.	CID001325	JAPAN	Conformant
Gold	PAMP S.A.	CID001352	SWITZERLAND	Conformant
Gold	PT Aneka Tambang (Persero) Tbk	CID001397	INDONESIA	Conformant
Gold	PX Precinox S.A.	CID001498	SWITZERLAND	Conformant
Gold	Penglai Penggang Gold Industry Co., Ltd.	CID001362	CHINA	Not conformant
Gold	Planta Recuperadora de Metales SpA	CID002919	CHILE	Conformant
Gold	Prioksky Plant of Non-Ferrous Metals	CID001386	RUSSIAN FEDERATION	Conformant
Gold	Rand Refinery (Pty) Ltd.	CID001512	SOUTH AFRICA	Conformant
Gold	REMONDIS PMR B.V.	CID002582	NETHERLANDS	Conformant
Gold	Republic Metals Corporation	CID002510	USA	Not conformant
Gold	Royal Canadian Mint	CID001534	CANADA	Conformant
Gold	SAAMP	CID002761	FRANCE	Conformant
Gold	SAXONIA Edelmetalle GmbH	CID002777	GERMANY	Conformant
Gold	SEMPSA Joyeria Plateria S.A.	CID001585	SPAIN	Conformant
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	CID001756	RUSSIAN FEDERATION	Conformant
Gold	Sabin Metal Corp.	CID001546	USA	Not conformant
Gold	Safimet S.p.A	CID002973	ITALY	Conformant
Gold	Sai Refinery	CID002853	INDIA	Not conformant
Gold	Samduck Precious Metals	CID001555	KOREA, REPUBLIC OF	Conformant
Gold	Samwon Metals Corp.	CID001562	KOREA, REPUBLIC OF	Not conformant
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CID001619	CHINA	Not conformant
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CID001622	CHINA	Conformant
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CID001736	CHINA	Conformant
Gold	Singway Technology Co., Ltd.	CID002516	TAIWAN, PROVINCE OF CHINA	Conformant
Gold	Solar Applied Materials Technology Corp.	CID001761	TAIWAN, PROVINCE OF CHINA	Conformant
Gold	Sumitomo Metal Mining Co., Ltd.	CID001798	JAPAN	Conformant
Gold	SungEel HiMetal Co., Ltd.	CID002918	KOREA, REPUBLIC OF	Conformant
Gold	T.C.A S.p.A	CID002580	ITALY	Conformant
Gold	TOO Tau-Ken-Altyn	CID002615	KAZAKHSTAN	Not conformant
Gold	Tanaka Kikinzoku Kogyo K.K.	CID001875	JAPAN	Conformant
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	CID001916	CHINA	Conformant
Gold	Tokuriki Honten Co., Ltd.	CID001938	JAPAN	Conformant

Gold	Tongling Nonferrous Metals Group Co., Ltd.	CID001947	CHINA	Not conformant
Gold	Torecom	CID001955	KOREA, REPUBLIC OF	Conformant
Gold	Umicore Brasil Ltda.	CID001977	BRAZIL	Conformant
Gold	Umicore Precious Metals Thailand	CID002314	THAILAND	Conformant
Gold	Umicore S.A. Business Unit Precious Metals Refining	CID001980	BELGIUM	Conformant
Gold	United Precious Metal Refining, Inc.	CID001993	USA	Conformant
Gold	Valcambi S.A.	CID002003	SWITZERLAND	Conformant
Gold	WIELAND Edelmetalle GmbH	CID002778	GERMANY	Conformant
Gold	Western Australian Mint (T/a The Perth Mint)	CID002030	AUSTRALIA	Conformant
Gold	Yamakin Co., Ltd.	CID002100	JAPAN	Conformant
Gold	Yokohama Metal Co., Ltd.	CID002129	JAPAN	Conformant
Gold	Yunnan Copper Industry Co., Ltd.	CID000197	CHINA	Not conformant
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CID002224	CHINA	Conformant
Tungsten	A.L.M.T. Corp.	CID000004	JAPAN	Conformant
Tungsten	ACL Metais Eireli	CID002833	BRAZIL	Conformant
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	CID002513	CHINA	Conformant
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CID000258	CHINA	Conformant
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	CID000499	CHINA	Conformant
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CID000875	CHINA	Conformant
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CID002315	CHINA	Conformant
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CID002494	CHINA	Conformant
Tungsten	Global Tungsten & Powders Corp.	CID000568	USA	Conformant
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CID000218	CHINA	Conformant
Tungsten	H.C. Starck Smelting GmbH & Co. KG	CID002542	GERMANY	Conformant
Tungsten	H.C. Starck Tungsten GmbH	CID002541	GERMANY	Conformant
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CID000766	CHINA	Conformant
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CID002579	CHINA	Conformant
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CID000769	CHINA	Conformant
Tungsten	Hydrometallurg, JSC	CID002649	RUSSIAN FEDERATION	Conformant
Tungsten	Japan New Metals Co., Ltd.	CID000825	JAPAN	Conformant
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CID002551	CHINA	Conformant
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	CID002647	CHINA	Not conformant
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CID002321	CHINA	Conformant
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CID002313	CHINA	Not conformant
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CID002318	CHINA	Conformant
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CID002317	CHINA	Conformant
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CID002316	CHINA	Conformant
Tungsten	Kennametal Fallon	CID000966	USA	Conformant
Tungsten	Kennametal Huntsville	CID000105	USA	Conformant
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CID002319	CHINA	Conformant
Tungsten	Moliren Ltd.	CID002845	RUSSIAN	Conformant

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Tungsten	Niagara Refining LLC	CID002589	USA	Conformant
Tungsten	Masan Tungsten Chemical LLC (MTC)	CID002543	VIET NAM	Conformant
Tungsten	Philippine Chuangxin Industrial Co., Inc.	CID002827	PHILIPPINES	Conformant
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City	CID002815	CHINA	Conformant
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	CID001889	VIET NAM	Conformant
Tungsten	Unecha Refractory metals plant	CID002724	RUSSIAN FEDERATION	Conformant
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.	CID002011	VIET NAM	Not conformant
Tungsten	Wolfram Bergbau und Hutten AG	CID002044	AUSTRIA	Conformant
Tungsten	Woltech Korea Co., Ltd.	CID002843	KOREA, REPUBLIC OF	Conformant
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CID002320	CHINA	Conformant
Tungsten	Xiamen Tungsten Co., Ltd.	CID002082	CHINA	Conformant
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CID002830	CHINA	Conformant
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CID002095	CHINA	Conformant
Tantalum	King-Tan Tantalum Industry Ltd.	CID000973	CHINA	Not conformant
Tantalum	H.C. Starck Surface Technology and Ceramic Powders GmbH	CID002546	GERMANY	Not conformant
Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.	CID002307	CHINA	Not conformant
Tin	CNMC (Guangxi) PGMA Co., Ltd.	CID000278	CHINA	Not conformant
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	CID002572	VIET NAM	Not conformant
Tin	PT Eunindo Usaha Mandiri	CID001438	INDONESIA	Not conformant
Tin	Cooperativa Metalurgica de Rondonia Ltda.	CID000295	BRAZIL	Not conformant
Gold	Abington Reldan Metals, LLC	CID002708	USA	Not conformant
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	CID000103	TURKEY	Not conformant
Gold	Elemetal Refining, LLC	CID001322	USA	Not conformant
Gold	L'azurde Company For Jewelry	CID001032	SAUDI ARABIA	Not conformant
Gold	Schone Edelmetaal B.V.	CID001573	NETHERLANDS	Not conformant
Tungsten	Asia Tungsten Products Vietnam Ltd.	CID002502	VIET NAM	Not conformant
Tungsten	Ganzhou Yatai Tungsten Co., Ltd.	CID002536	CHINA	Not conformant