

# Compal Electronics, Inc. 2025 Conflict Minerals Report

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# 1. Company Profile

Compal Electronics, Inc. (hereinafter referred to as “Compal”) was established in 1984. Supported by a professional management team and strong research and development capabilities, Compal has grown from a manufacturer of computer peripherals into a global provider of comprehensive technology products and solutions. To meet customer needs ranging from design and manufacturing to integrated applications, Compal designs and manufactures a broad range of products, including notebook and desktop computers, Internet of Things (IoT) products, wearable devices, mobile devices, healthcare products, automotive electronics, servers and information processing systems, smart display products, and network communication products. Compal also integrates its products into IoT applications with a focus on smart home and smart vehicle solutions and is committed to becoming a provider of comprehensive and integrated solutions. In addition, Compal continues to enhance its operational management, supply chain capabilities, and research and development strengths. Through digitalization, automation, and innovative design, Compal aims to improve the competitiveness of operating cost, increase production efficiency and product quality, reduce energy consumption and environmental impact, and address environmental and human rights-related issues within its supply chain. Compal incorporates sustainable development principles into its research, development, and mass production processes with the objective of achieving green and low-carbon manufacturing and advancing toward a sustainable future.



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## 2. Definitions

- 2.1 RMI: Responsible Mineral Initiative.
- 2.2 RBA: Responsible Business Alliance.
- 2.3 RMAP: Responsible Minerals Assurance Process.
- 2.4 RCOI: Reasonable Country of Origin Inquiry.
- 2.5 CMRT: Conflict Minerals Reporting Template.
- 2.6 EMRT: Extended Minerals Reporting Template.
- 2.7 AMRT: Additional Minerals Reporting Template.
- 2.8 3TG: Tantalum, tin, tungsten, and gold.
- 2.9 OECD: Organisation for Economic Co-operation and Development.
- 2.10 LBMA: London Bullion Market Association.
- 2.11 RJC: Responsible Jewellery Council.
- 2.12 Covered Countries: The term “Covered Countries” refers to the Democratic Republic of the Congo and its adjoining countries, including Angola, Burundi, the Central African Republic, the Republic of the Congo, Rwanda, South Sudan, Tanzania, Uganda, and Zambia.

## 3. Overview of Compal’ s Conflict Minerals Program

As a member of the Responsible Business Alliance (RBA), Compal recognizes its responsibility to fulfill its corporate social responsibilities. In addition to complying with the RBA Code of Conduct in its own operations, Compal acknowledges that, due to existing industry requirements, many electronic products may contain minerals that are necessary to their functionality, including tantalum (Ta), tin (Sn), tungsten (W), gold (Au), cobalt (Co), and mica. Examples include integrated circuits (tantalum), capacitors (tin), cameras (tungsten), antennas (gold), quartz crystal oscillators and keyboards (cobalt), and touchpads (mica). In 2025, Compal expanded the scope of its due diligence to include the newly surveyed minerals under the Extended Minerals Reporting Template (hereinafter referred to as “EMRT”), namely copper (Cu), natural graphite, lithium (Li), and nickel (Ni). In response to specific customer requirements, Compal also conducted a pilot survey with certain suppliers using the Additional Minerals Reporting Template (hereinafter referred to as “AMRT”) to further enhance transparency regarding other minerals in the supply chain. To ensure that the minerals procured by Compal are conflict-free, Compal has established a Conflict Minerals Policy and actively conducts investigations into the sources of minerals, smelters and refiners. Compal also works with relevant internal departments and suppliers to confirm the reasons for and the necessity of the use of conflict minerals. Where such use is not necessary, Compal requires suppliers to gradually reduce procurement, source alternative minerals, and cease the use of conflict minerals. To promote suppliers’ awareness of conflict minerals issues, Compal has developed its conflict minerals survey management process, including

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the “Supplier Conflict Minerals Management Procedure,” and has issued relevant policies in accordance with the due diligence framework set forth in the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas. Compal conducts supplier surveys based on the latest Conflict Minerals Reporting Template (CMRT) and Extended Minerals Reporting Template (EMRT) published by the Responsible Minerals Initiative (RMI). These surveys are carried out among Compal’s supplier partners, including manufacturing sites, agents, and their distributors worldwide, in order to improve consistency in data collection and enhance the accuracy of smelter compliance identification. Compal requires its suppliers to sign and commit that they will not use metals mined or sold from mineral areas controlled by armed groups.

In addition, to enhance supply chain management efficiency and implement real-time monitoring, Compal has optimized its internal survey processes and data tracking functions. Through systematic management, Compal is able to periodically and automatically distribute survey forms, monitor response status, and conduct ad hoc manual follow-ups when needed. These measures strengthen the frequency and timeliness of communication with suppliers. If any high-risk refinery or non-recognized source is identified, Compal is able to promptly contact the relevant supplier for clarification and corrective action. This helps ensure that the sources of smelters and refiners conform to international standards such as the Responsible Minerals Assurance Process (RMAP). Through self-discipline and responsible practices across the industry supply chain, Compal seeks to create a positive impact on conflict minerals issues.

This report covers Compal’s supplier conflict minerals management results for the reporting period from January 1, 2025 to December 31, 2025. Compal also regularly reviews the list of conformant smelters and refiners published by the Responsible Minerals Initiative (RMI) to ensure the compliance status of smelters and refiners.

## 4. Reasonable Country of Origin Inquiry

To conduct its Reasonable Country of Origin Inquiry (RCOI) and due diligence, Compal carried out the following procedures to comprehensively investigate the countries of origin of minerals contained in products manufactured by suppliers and sold to Compal. The minerals covered by the inquiry include tantalum (Ta), tin (Sn), tungsten (W), gold (Au), cobalt (Co), mica, copper (Cu), natural graphite, lithium (Li), and nickel (Ni). Conflict minerals-related risks are particularly associated with minerals originating from the Democratic Republic of the Congo (“DRC”) and its adjoining countries (“Covered Countries”). To ensure that the minerals used by Compal do not originate from conflict-affected areas, Compal uses the CMRT and EMRT established by the RMI to survey suppliers regarding the countries of origin of the smelters and refiners used in their supply chains. The scope of the survey covers

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suppliers with which Compal has direct business relationships. In 2025, Compal surveyed a total of 749 suppliers and achieved a 100% response rate. The list of conformant smelters and refiners was reviewed with reference to the information published on the RMI website. Compal encourages smelters and refiners to adopt third-party validation mechanisms recognized under the due diligence framework of OECD, including certification programs of the RMI Responsible Minerals Assurance Process (RMAP), the London Bullion Market Association (LBMA), and the Responsible Jewellery Council (RJC). The smelters and refiners identified in Compal’s supply chain were primarily located in Asia, followed by the Americas.

## 5. Compal’s Conflict Minerals Due Diligence Management Process

In accordance with the five-step framework set forth in the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas, Compal has established and continuously optimized its due diligence process for conflict minerals. The process covers tantalum, tin, tungsten, and gold (3TG), as well as other high-risk minerals such as cobalt and mica, to ensure that Compal’s supply chain remains transparent, responsible, and compliant with applicable regulatory requirements.



### 5.1 Establishment of a Management System

Compal’s conflict minerals management is conducted through cross-functional due diligence efforts led by the ESG Office, the Procurement-Sustainable Supply Chain PM Department, and the Green Product Team. The Procurement Department is responsible for supplier engagement, including requiring suppliers to sign conflict minerals non-use commitment letters and collecting relevant information. The ESG Office supports customer requirements by providing relevant information and compiling reports. The Green Product Team is responsible for verifying full material declarations for products. Compal

conducts conflict minerals due diligence through an online questionnaire platform, regularly using the latest CMRT and EMRT questionnaires published by the RMI to collect data and perform supplier due diligence. This process enhances supply chain management and information transparency and helps meet customer and regulatory requirements. In addition, Compal established its Conflict Minerals Policy in 2016 and published the policy on its ESG website.

### Compal’s Conflict Minerals Policy

1. Compal does not purchase conflict minerals

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Reasonable Country of Origin Inquiry  
Compal’s Conflict Minerals Due Diligence  
Management Process

- originating from conflict-affected areas.
2. Compal has established a Conflict Minerals Policy and strongly requires that suppliers must not directly or indirectly use conflict minerals in the raw materials they provide and must comply with conflict-free minerals requirements.
  3. Compal expects suppliers to fully use recognized conformant smelters and refiners, or to require their existing smelters and refiners to undergo relevant validation. If conflict minerals are identified in products supplied by a supplier, Compal will take necessary measures to cease the use of such conflict minerals.

For further details, please refer to Compal's Conflict Minerals Policy:

[https://www.compal.com/esg/media/uploads/%E8%A1%9D%E7%AA%81%E7%A4%A6%E7%94%A2%E6%94%BF%E7%AD%96\\_jAB3q0q.pdf](https://www.compal.com/esg/media/uploads/%E8%A1%9D%E7%AA%81%E7%A4%A6%E7%94%A2%E6%94%BF%E7%AD%96_jAB3q0q.pdf)

Compal has established comprehensive grievance and communication mechanisms for both internal and external stakeholders. Any concerns related to conflict minerals or other sustainability issues may be raised through the Compal's official website (<https://www.compal.com/zh-hant/stakeholder-communication-area/>) or by emailing [ethics@compal.com](mailto:ethics@compal.com).

## 5.2 Identification and Assessment of Risks

Each year, Compal uses the CMRT and EMRT questionnaires to identify the smelter sources used by suppliers for 3TG, as well as extended minerals including cobalt, mica, copper, natural graphite, lithium, and nickel. Compal also requires suppliers to sign declarations confirming their compliance with Compal's Conflict Minerals Policy. After the survey is completed, Compal continues to track the list of conformant smelters and refiners published by the Responsible Minerals Initiative (RMI) and actively evaluates and manages its supply chain to ensure that the minerals used therein do not originate from conflict-affected areas controlled by armed groups. Compal also provides updates

to end customers from time to time based on changes to the RMI conformant smelter and refiner list in order to help ensure that the products of its customers are not adversely affected by the risks related to conflict minerals.

## 5.3 Implementation of Risk Response Strategies

Compal adopts the following proactive measures to ensure responsible minerals sourcing across its supply chain:

1. Compal requires suppliers to sign declarations confirming their compliance with Compal's Conflict Minerals Policy.
2. Compal actively supports the programs announced by RMI and communicates important RMI updates through its procurement system and annual supplier conference.
3. Based on the latest conformant smelter and refiner list published by the RMI, Compal regularly reviews the information of its suppliers. If any non-conformant smelter or refiner is identified, Compal issues a Notice of Non-Conformant Smelter/Refiner or Incorrect Information and requires the supplier to respond with corrective actions within the specified period. Compal also recommends that the supplier cease the use of conflict minerals and select alternative mineral sources. If the supplier is unable to provide corrective measures, Compal will discuss reducing the number of new projects awarded to such supplier or decreasing existing procurement volume. In serious cases, the supplier may be removed from Compal's approved supplier list.
4. Compal maintains long-term partnerships with most of its suppliers in order to enhance regulatory compliance.

## 5.4 Third-Party Audit

Compal encourages its suppliers to source from conflict-free smelters and refiners that have been validated through the RMAP or other equivalent independent third-party audit programs and further encourages suppliers to provide relevant validation evidence.

## 6. Future Outlook

### 5.4 Third-Party Audit

Compal encourages its suppliers to source from conflict-free smelters and refiners that have been validated through the RMAP or other equivalent independent third-party audit programs and further encourages suppliers to provide relevant validation evidence.

### 5.5 Disclosure

In 2025, Compal conducted conflict minerals surveys covering 749 suppliers. Compal set a target questionnaire response rate of 100% and successfully achieved this target. Based on the questionnaire responses, Compal reviewed the information of suppliers, including minerals used, smelter/refiner names, and countries of origin, in order to manage and track the sources of mineral. Compal also discloses the smelter and refiner list by providing it to customers and publishing relevant information on Compal's ESG website.

Compal will continue to monitor developments in responsible minerals management and customer requirements. As the scope of minerals of concern gradually expands to include aluminum and other critical metals, Compal will continue to evaluate and improve its relevant management mechanisms. Compal will also continue to optimize its questionnaire management system and strengthen automated verification and comparison functions for the data submitted by suppliers in order to improve data quality and management efficiency. At the same time, Compal will continue to track the compliance status of smelters and refiners and enhance the transparency and traceability of mineral sources in the supply chain through supplier communication and thereby implement the management of conflict minerals due diligence.

## 7. Smelter and Refiner List

The following list includes all smelters and refiners reported by Compal’s suppliers and has been reviewed with reference to the latest list of conformant smelters and refiners announced by the RMI on April 7, 2026.

Compal will update the following list based on the latest available status. For the latest public list of smelters and refiners, please refer to the official website of the Responsible Minerals Initiative (RMI):

<https://www.responsiblemineralsinitiative.org/facilities-lists/public-list/>

Metal	Total Smelters and Refiners	% Conformant
Tantalum	31	100%
Tin	47	100%
Gold	87	100%
Tungsten	31	100%
Cobalt	54	100%
Mica	5	100%
Copper	14	100%
Lithium	10	100%
Nickel	19	100%
Overall Total	298	100%

Metal	Smelter or Refiner Facility Name	Country
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
Gold	Heraeus Metals Hong Kong Ltd.	CHINA
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO
Gold	Royal Canadian Mint	CANADA
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
Gold	Aurubis AG	GERMANY
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	Chimet S.p.A.	ITALY
Gold	Dowa	JAPAN
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Germany GmbH Co. KG	GERMANY
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	LS MnM Inc.	KOREA, REPUBLIC OF
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	Mitsubishi Materials Corporation	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	Nihon Material Co., Ltd.	JAPAN

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Metal	Smelter or Refiner Facility Name	Country
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	MKS PAMP SA	SWITZERLAND
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Gold	Tokuriki Honten Co., Ltd.	JAPAN
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
Gold	SAFINA A.S.	CZECHIA
Gold	WIELAND Edelmetalle GmbH	GERMANY
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Agosi AG	GERMANY
Gold	Argor-Heraeus S.A.	SWITZERLAND
Gold	ASAHI METALFINE, Inc.	JAPAN
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	Gold by Gold Colombia	COLOMBIA
Gold	Coimpa Industrial LTDA	BRAZIL
Gold	GG Refinery Ltd.	TANZANIA, UNITED REPUBLIC OF
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden Ronnskar	SWEDEN
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Gold	Chugai Mining	JAPAN

Metal	Smelter or Refiner Facility Name	Country
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	Istanbul Gold Refinery	TURKEY
Gold	Japan Mint	JAPAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	Materion	UNITED STATES OF AMERICA
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	Valcambi S.A.	SWITZERLAND
Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Gold	T.C.A S.p.A	ITALY
Gold	REMONDIS PMR B.V.	NETHERLANDS
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
Gold	Italpreziosi	ITALY
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Planta Recuperadora de Metales SpA	CHILE
Gold	NH Recytech Company	KOREA, REPUBLIC OF

Metal	Smelter or Refiner Facility Name	Country
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
Gold	Elite Industech Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Gold	Impala Platinum - Platinum Metals Refinery (PMR)	SOUTH AFRICA
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
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	Jiangxi Tuohong New Raw Material	CHINA
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
Tantalum	AMG Brasil	BRAZIL

Metal	Smelter or Refiner Facility Name	Country
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tantalum	NPM Silmet AS	ESTONIA
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	KEMET de Mexico	MEXICO
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	CHINA
Tantalum	PowerX Ltd.	RWANDA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
Tin	Minsur	PERU
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Tin	Mitsubishi Materials Corporation	JAPAN
Tin	Aurubis Beerse	BELGIUM
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Tin	PT Timah Tbk Mentok	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	Mineracao Taboca S.A.	BRAZIL
Tin	Dowa	JAPAN
Tin	Thaisarco	THAILAND
Tin	EM Vinto	BOLIVIA(PLURINATION AL STATE OF)
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	Super Ligas	BRAZIL
Tin	Aurubis Berango	SPAIN
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA

Metal	Smelter or Refiner Facility Name	Country
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
Tin	Luna Smelter, Ltd.	RWANDA
Tin	PT Mitra Sukses Globalindo	INDONESIA
Tin	CRM Synergies	SPAIN
Tin	Malaysia Smelting Corporation Berhad (Port Klang)	MALAYSIA
Tin	Alpha Assembly Solutions Inc	UNITED STATES OF AMERICA
Tin	Fenix Metals	POLAND
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	Operaciones Metalurgicas S.A.	BOLIVIA(PLURINATIONAL STATE OF)
Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Timah Tbk Kundur	INDONESIA
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tin	Magnu's Minerai's Metais e Ligas Ltda.	BRAZIL
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tin	PT Rajehan Ariq	INDONESIA
Tin	Estanho de Rondonia S.A.	BRAZIL
Tin	Mining Minerals Resources SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Tin	PT Bangka Prima Tin	INDONESIA
Tin	PT Premium Tin Indonesia	INDONESIA
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tin	Takehara PVD Materials Plant / PVD Materials Division of MITSUI MINING & SMELTING CO., LTD.	JAPAN
Tin	Woodcross Smelting Company Limited	UGANDA
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA

Metal	Smelter or Refiner Facility Name	Country
Tin	Smelter not listed	INDONESIA
Tin	Global Advanced Metals Greenbushes Pty Ltd.	AUSTRALIA
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	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	Kennametal Huntsville	UNITED STATES OF AMERICA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
Tungsten	Cronimet Brasil Ltda	BRAZIL
Tungsten	Tungsten Vietnam Joint Stock Company	VIET NAM

Metal	Smelter or Refiner Facility Name	Country
Tungsten	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	Shinwon Tungsten (Fujian Shanghang) Co., Ltd.	CHINA
Tungsten	KENEE MINING VIETNAM COMPANY LIMITED	VIET NAM
Tungsten	Philippine Bonway Manufacturing Industrial Corporation	PHILIPPINES
Tungsten	Jing Yuan Tungsten Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	A.L.M.T. Corp.	JAPAN
Cobalt	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
Cobalt	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	CHINA
Cobalt	Umicore Finland Oy	FINLAND
Cobalt	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
Cobalt	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	CHINA
Cobalt	Dynatec Madagascar Company	MADAGASCAR
Cobalt	Quzhou Huayou Cobalt New Material Co., Ltd.	CHINA
Cobalt	Zhejiang Greatpower Cobalt Materials Co., Ltd	CHINA
Cobalt	Zhejiang Huayou Cobalt Company Limited	CHINA
Cobalt	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
Cobalt	Umicore Olen	BELGIUM
Cobalt	Port Colborne Refinery	CANADA
Cobalt	Kamoto Copper Company	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Chemaf Etoile	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Societe pour le Traitment du Terril de Lubumbashi (STL)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Compagnie de Tifnout Tiranimine	MOROCCO
Cobalt	Guangdong Jiana Energy Technology Co., Ltd.	CHINA
Cobalt	Mutanda Mining SPRL	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	SungEel HiTech Co., Ltd.	KOREA, REPUBLIC OF
Cobalt	Jingmen GEM Co., Ltd.	CHINA

Metal	Smelter or Refiner Facility Name	Country
Cobalt	Ganzhou Highpower Technology Co., Ltd.	CHINA
Cobalt	NORILSK NICKEL HARJAVALTA OY	FINLAND
Cobalt	Zhejiang New Era Zhongneng Technology Co., Ltd.	CHINA
Cobalt	Hunan Yacheng New Energy Co., Ltd.	CHINA
Cobalt	Hunan CNGR New Energy Science & Technology Co., Ltd.	CHINA
Cobalt	Tenke Fungurume Mining SA	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Uranus Chemicals	TAIWAN, PROVINCE OF CHINA
Cobalt	Mechema Taiwan Plant 2	TAIWAN, PROVINCE OF CHINA
Cobalt	Harima Refinery, Sumitomo Metal Mining	JAPAN
Cobalt	Vale - Long Harbour Processing Plant (LHPP)	CANADA
Cobalt	Kisanfu Mining (Kimin)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	CHINA
Cobalt	Anhui Hanrui New Material Co., Ltd.	CHINA
Cobalt	Fujian Evergreen New Energy Technology Co., Ltd.	CHINA
Cobalt	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	CHINA
Cobalt	Eti Bakir A.S	TURKEY
Cobalt	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Cobalt	Impala Platinum - Base Metal Refinery (BMR)	SOUTH AFRICA
Cobalt	Impala Platinum - Rustenburg Smelter	SOUTH AFRICA
Cobalt	Hunan Brunp Recycling Technology Co., Ltd.	CHINA
Cobalt	ICoNiChem	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
Cobalt	Gem (Jiangsu) Cobalt Industry Co., Ltd.	CHINA
Cobalt	PT HUAYUE NICKEL COBALT	INDONESIA
Cobalt	PT QMB New Energy Materials	INDONESIA
Cobalt	Jiangxi Ruida New Energy Technology Co., Ltd.	CHINA
Cobalt	Guangxi CNGR New Energy Science & Technology Co., Ltd.	CHINA
Cobalt	Sichuan Jayson New Energy Technology Co., Ltd.	CHINA

Metal	Smelter or Refiner Facility Name	Country
Cobalt	SOCIETE MINIERE DU KATANGA (Lupoto Plant)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	PT Halmahera Persada Lygend	INDONESIA
Cobalt	CMOC Kisanfu Mining SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Jing Yuan Tungsten Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Cobalt	PT HUAFEI NICKEL COBALT	INDONESIA
Cobalt	Yichang Brunp Contemporary Amperex Co., Ltd.	CHINA
Mica	LKAB Minerals Oy	FINLAND
Mica	Yamaguchi Mica	JAPAN
Mica	Yamaguchi Mica Co., Ltd. Toyohashi Factory	JAPAN
Mica	Yamaguchi Mica Co., Ltd. Shinshiro Factory	JAPAN
Mica	Mica Electrical Material (Luhe) Co., Ltd.	CHINA
Lithium	Ganfeng Lithium Group Co., Ltd.	CHINA
Lithium	Yahua Lithium Industry (Ya' an) Co., Ltd.	CHINA
Lithium	Ningdu Ganfeng Lithium Co., Ltd.	CHINA
Lithium	Hunan Yongshan Lithium Co., Ltd.	CHINA
Lithium	Jiangsu Baozong & Baoda Pharmachem Co. Ltd.	CHINA
Lithium	Hunan Brunp Recycling Technology Co., Ltd.	CHINA
Lithium	Jiangxi Ruida New Energy Technology Co., Ltd.	CHINA
Lithium	Arcadium Lithium (Fenix)	ARGENTINA
Lithium	Arcadium Lithium (Bessemer City)	UNITED STATES OF AMERICA
Lithium	Lianhe Chemical Technology (Linhai) Co., Ltd.	CHINA
Nickel	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
Nickel	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
Nickel	Harima Refinery, Sumitomo Metal Mining	JAPAN
Nickel	Dynatec Madagascar Company	MADAGASCAR
Nickel	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
Nickel	Guangxi CNGR New Energy Science & Technology Co., Ltd.	CHINA

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Metal	Smelter or Refiner Facility Name	Country
Nickel	Jiangxi Ruida New Energy Technology Co., Ltd.	CHINA
Nickel	Impala Platinum - Rustenburg Smelter	SOUTH AFRICA
Nickel	PT DEBONAIR NICKEL INDONESIA	INDONESIA
Nickel	Hunan Brunp Recycling Technology Co., Ltd.	CHINA
Nickel	PT HUAYUE NICKEL COBALT	INDONESIA
Nickel	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	CHINA
Nickel	PT Halmahera Persada Lygend	INDONESIA
Nickel	Impala Platinum - Base Metal Refinery (BMR)	SOUTH AFRICA
Nickel	PT Zhongtsing New Energy	INDONESIA
Nickel	PT QMB New Energy Materials	INDONESIA
Nickel	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	CHINA
Nickel	PT HUAFEI NICKEL COBALT	INDONESIA
Nickel	Hunan CNGR New Energy Science & Technology Co., Ltd.	CHINA
Copper	Toyo Smelter & Refinery, Sumitomo Metal Mining	JAPAN
Copper	Impala Platinum - Base Metal Refinery (BMR)	SOUTH AFRICA
Copper	Eti Bakir A.S	TURKEY
Copper	Kamoto Copper Company	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	Tenke Fungurume Mining SA	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	CMOC Kisanfu Mining SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	NKANA COPPER REFINERY - Nkana (Kitwe)	ZAMBIA
Copper	Societe pour le Traitment du Terril de Lubumbashi (STL)	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	Mutanda Mining SPRL	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	Impala Platinum - Rustenburg Smelter	SOUTH AFRICA
Copper	Vedanta Limited-Sterlite Copper	INDIA
Copper	SOCIETE MINIERE DU KATANGA (Lupoto Plant)	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	Kisanfu Mining (Kimin)	CONGO, DEMOCRATIC REPUBLIC OF THE

## 8. Distribution of Smelters and Refiners by Country of Origin

ARGENTINA	ESTONIA	MOROCCO	TANZANIA, UNITED REPUBLIC OF
AUSTRALIA	FINLAND	NETHERLANDS	THAILAND
AUSTRIA	GERMANY	PERU	TURKEY
BELGIUM	INDIA	PHILIPPINES	UGANDA
BOLIVIA(PLURINATIONAL STATE OF)	INDONESIA	POLAND	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
BRAZIL	ITALY	RWANDA	
CANADA	JAPAN	SINGAPORE	UNITED STATES OF AMERICA
CHILE	KAZAKHSTAN	SOUTH AFRICA	UZBEKISTAN
CHINA	KOREA, REPUBLIC OF	SPAIN	VIET NAM
COLOMBIA	MADAGASCAR	SWEDEN	ZAMBIA
CONGO, DEMOCRATIC REPUBLIC OF THE	MALAYSIA	SWITZERLAND	
CZECHIA	MEXICO	TAIWAN, PROVINCE OF CHINA	