# Dynabook Inc. Conflict Minerals Report (2023)

#### **Company Overview**

In 1985 Dynabook Inc. launched the T1100, the world's first laptop computer. This was followed by the release of the world's first\*1 notebook PC, the DynaBook J-3100 SS001, in 1989. These two products represent the origin of the modern-day notebook computer. Dynabook has continued to develop products and services that reflect people's needs, offering enhanced functionality supported by our technological expertise and commitment to quality and outstanding products. As a member of the Sharp Group, Dynabook will continue to provide value through "evolution," "integration," and "proposals." Starting from January 1, 2019, we are embarking on a new journey under the name Dynabook Inc., reflecting our past achievements while exploring future possibilities.

Dynabook not only has a new name but a new vision under the banner (dynabook as a Computing × dynabook as a Service). Our focus will be "The fusion of hardware (dynabook as a Computing) and services (dynabook as a Service)" together with "True computing that reflects real needs and that supports communities" and "New added value and services developed from the user's standpoint" as a new strategy underpinning further technological enhancement and the global development of the business. With this new commitment, Dynabook Inc. will contribute to the realization of a sustainable society by offering proposals for a comfortable society and lifestyle.

\*1 An A4-sized notebook PC based on Dynabook research

#### Our responsible Minerals program

As a member of the global community, Dynabook is conducting appropriate measures guided by the basic policy outlined below.

#### Policy for the Conflict Minerals Issue in Dynabook Inc.

For the purpose of not being complicit in the human rights abuses and environmental disruptions, etc. associated with conflicts in the Democratic Republic of the Congo, any raw materials, parts, products, etc. which include any conflict minerals mined illegally in the Democratic Republic of the Congo or in an adjoining country ("Covered Countries") shall neither be procured nor used. In addition, appropriate measures, etc. to that effect shall be taken.

In order to ensure compliance with this Policy, Dynabook requires our suppliers to source materials from smelters determined to be conflict-free under the Responsible Minerals Assurance Process (RMAP), established by the Responsible Minerals Initiative (RMI), or other equivalent mechanisms.

Our due diligence process is designed in line with the five-step due diligence framework set forth in the Organization for Economic Co-operation and Development's "Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas, 3rd Edition (2016)" and the related Supplements (collectively, the "OECD Guidance"), including an origin survey using RMI's Conflict Minerals Reporting Template (CMRT).

#### **Reasonable Country of Origin Inquiry**

We conduct reasonable country of origin investigations (RCOI), consisting of "conducting CMRT surveys of our suppliers", "identifying and assessing smelters or refineries ("SOR")", etc., to determine whether the conflict minerals in our products originate in the "Covered Countries".

We performed due diligence on tin, tantalum, tungsten and gold ("3TG") where there is a concern arising from SOR known to be sourced from, or potentially sourced from, the target country as a result of the RCOI.

In doing so, we promote non-use of 3TG which supports conflict and promotes inhumane treatment such as human trafficking, slavery, forced labor, child labor, torture and war crimes in the "Covered Countries".

The FY2023 survey yielded the following results: 222 SORs, or 98.2% out of 226 SORs excluding SORs eliminated as a result of due diligence measures, were deemed conformant.

# **Design of our Due Diligence Measures**

We designed our due diligence measures to conform with applicable portion of the OECD Guidance,

The design includes the following five-step framework:

#### Step 1: Establish Strong Company Management System

In dealing with conflict minerals, we are working to establish strong internal management system including the following measures.

- Establishment of a Conflict Minerals Policy
- Establishing a management system to ensure transparency in the supply chain by using the CMRT to investigate, identify and manage risks.
- Initiatives with suppliers to strengthen suppliers by communicating our requirements for dealing with conflict minerals and feeding back the results of investigations.
- Handling by CSR secretariat consisting of procurement, General affairs and Legal members dealing with Conflict Minerals Response including annual report to the responsible person.
- Grievance Mechanism

#### Responsible Sourcing Policy

We formulated a policy for dealing with the issue of conflict minerals, which is available at the following URL. (<a href="https://dynabook.com/pc/conflict\_minerals/eng/index.html">https://dynabook.com/pc/conflict\_minerals/eng/index.html</a>)

### Control System

We conduct a survey our supply chain annually using CMRT and identify SOR that supply 3TG to components within the supply chain. Then, we use RMI's RMAP to determine the country of origin of 3TG for SOR in our supply chain.

# Supplier Engagement

We review the CMRT that we receive from our suppliers and feedback any necessary actions to our suppliers for further improvement.

#### Internal Team

The CSR Secretariat is responsible for dealing with conflict minerals, and reports to the responsible person annually on the results of risk assessments and other matters.

#### Grievance Mechanism

We receive any supply chain concerns report via our web contact. When information is provided about supply chain concerns, all concerns are dealt with appropriately.

#### Step 2: Identify and Assess Risk in the Supply Chain

We conduct a survey our supply chain annually using CMRT, including those made from recycled materials and scrap.

We review the CMRTs collected from our suppliers for inconsistencies and discrepancies and provide feedback to our suppliers if we have any concerns.

And based on the information from the collected CMRTs, we identify SOR that supply 3TG to components within the supply chain.

Then, the identified SORs are compared to a list of facilities that comply with RMI's Responsible Minerals Assurance Program (RMAP) and other responsible mineral assurance programs, such as RMI's cross-recognized, independent third-party audit program, to identify and evaluate risk such as SOR origin confirmation.

The accuracy of the information is assured by comparing it to information that is compliant with responsible mineral assurance programs. A list of the RMAP and RMI's cross-recognized, independent third-party audit program is available on following RMI's website.

(https://www.responsiblemineralsinitiative.org/facilities-lists/)

### Step 3: Design and Implement a Strategy to Respond to Identified Risk

Where risks are identified through the RMAP or other tools, a management plan is developed and implemented to prevent or mitigate the risk. If, as a result of these measures, improvement is not expected, we will consider actions such as suspending transactions or ceasing transactions.

# Step 4: Carry Out Independent Third Party Audits of Supply Chain Due Diligence at Identified Points in the Supply Chain

We are members of the RMI that audits and assesses due diligence activities.

We also use the RMAP for SOR audits to assess risk from mine to smelter, and encourage participation of any 3TG facilities that are not participating in the RMAP

#### **Step 5: Report on Supply Chain Due Diligence**

This report will be made public by posting it on our web site.

#### **Result of Due Diligence Measures**

As a result of the due diligence conducted in 2023, covering the period from January 1<sup>st</sup> to December 31<sup>st</sup>, 2023, we identified 311 SOR in the supply chain based on information provided by suppliers.

After reviewing these SORs, we found that 29 SORs were rated as non-conformant and 56 SORs were rated as stagnant by independent third-party audit programs such as RMI's RMAP, and we determined that the existence of risk could not be denied for these 85 SORs, and decided to implement due diligence measures. We requested that suppliers using SORs determined to be nonconforming provide us with conformity assessment information other than RMI assessments, if such information was available. And we also requested suppliers with SORs that had stagnant ratings in independent third-party audit programs to follow up with their SORs through the supply chain to ensure that their ratings were moving forward. Despite these requests to our suppliers, we are going to eliminate these SORs due to the lack of improvement in these SORs currently.

Consequently, 222 SORs, or 98.2% of our total 226 SORs, were determined to be compliant in an independent third-party

audit program such as RMI's RMAP. We also confirmed that one of the 226 SOR facilities is present in the target countries and is deemed compliant in the RMI's RMAP, while the other SOR are not present in the target countries. Therefore, as a result of this investigation and verification, no risks related to conflict minerals are deemed to be identified. Some 3TGs are made from recycled materials and scrap. However, as this information is not limited to only those facilities that provide 3TG used exclusively in our products, we cannot confirm whether our products actually contain 3TG from all of these sources. The list of countries of likely origin of the 3TG contained in the subject products is provided in Appendix A. The list of all SOR reported by suppliers is provided in Appendix B.

The status of SOR verification for individual metals is shown in Table 1, with all metals having a high compliance rate of 97% or higher, especially tantalum and tungsten, which had a 100% compliance rate.

Table1: The status of SOR verification by metal

	Gold	Tantalum	Tin	Tungsten	Total
Conformant	90	35	66	31	222
Active	2	0	2	0	4
Total	92	35	68	31	226
Conformance ratio	97.8%	100.0%	97.1%	100.0%	98.2%

## Steps to Further Mitigate Risk and Improve Due Diligence in 2024

Analysis of the status of the 2023 survey shows that there are still areas where it takes time to obtain SOR information from suppliers and to verify the SOR information obtained, which is another issue to be considered in the future.

In order to improve our due diligence and further reduce risks in the supply chain, we will take the following actions

- We promote continuous improvement by continually reviewing and updating our policies and procedures.
- We will promote close cooperation with suppliers to obtain the necessary information on the origin of the 3TGs in materials and components used in covered products.
- We proactively contact the supplier and work to improve the situation, if we find that a supplier is procuring materials from a non-conformant SOR or an SOR that had stagnant ratings in independent third-party audit programs.
- We will further strengthen internal and external partnerships, including with industry associations and NGOs, to improve traceability of minerals and support due diligence programs in the minerals supply chain.

July 5th, 2024

Dynabook Inc.

Name: Mayumi Maeda
Title: Vice president

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# Appendix A: List of Reasonable Country of Origin Inquiry

Based on information available from RMI and other sources, the countries of origin of the required conflict minerals from smelters and refineries reported by suppliers are as follows.

ANDORRA	AUSTRALIA	AUSTRIA
BELGIUM	BOLIVIA	BRAZIL
CANADA	CHILE	CHINA
COLOMBIA	CZECH	ESTONIA
FRANCE	GERMANY	INDIA
INDONESIA	ITALY	JAPAN
KAZAKHSTAN	KOREA, REPUBLIC OF	MALAYSIA
MEXICO	MYANMAR	NETHERLANDS
PERU	PHILIPPINES	POLAND
RWANDA	SINGAPORE	SOUTH AFRICA
SPAIN	SWEDEN	SWITZERLAND
TAIWAN, PROVINCE OF CHINA	THAILAND	TURKEY
UNITED STATES OF AMERICA	UZBEKISTAN	VIET NAM

# Appendix B: List of Smelter and Refiner

This list of smelters and refineries is based on information reported by our suppliers.

This information is not limited to facilities that provide 3TG used exclusively in our products.

Therefore, we cannot confirm whether our products actually contain 3TG from all of these sources.

## **Conformant**

Metal	Standard Smelter Names	Smelter Facility Location Country
Gold	Abington Reldan Metals, LLC	UNITED STATES OF
		AMERICA
Gold	Agosi AG	GERMANY
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
Gold	Argor-Heraeus S.A.	SWITZERLAND
Gold	Asahi Pretec Corp.	JAPAN
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	Asahi Refining USA Inc.	UNITED STATES OF
		AMERICA
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Aurubis AG	GERMANY
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden AB	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Gold	Chimet S.p.A.	ITALY
Gold	Chugai Mining	JAPAN
Gold	Dowa	JAPAN
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Gold	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Gold	Gold by Gold Colombia	COLOMBIA
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Germany GmbH Co. KG	GERMANY
Gold	Heraeus Metals Hong Kong Ltd.	CHINA
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co.,	CHINA
	Ltd.	
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN

Gold	Istanbul Gold Refinery	TURKEY
Gold	Italpreziosi	ITALY
Gold	Japan Mint	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES OF
Join	The imposed Stain Soppor 225	AMERICA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	L'Orfebre S.A.	ANDORRA
Gold	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
Gold	Materion	UNITED STATES OF
Colu	Materieri	AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES OF
Colu	motator Co, treaming Corporation	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	MKS PAMP SA	SWITZERLAND
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	NH Recytech Company	KOREA, REPUBLIC OF
Gold	Nihon Material Co., Ltd.	JAPAN
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt	AUSTRIA
Colu	GmbH	7.00TKW
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	Planta Recuperadora de Metales SpA	CHILE
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	REMONDIS PMR B.V.	NETHERLANDS
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Gold Tanaka Kikinzoku Kogyo K.K.  Gold Tokuriki Honten Co., Ltd.  Gold Towriki Honten Co., Ltd.  Gold Torecom KOREA, REPUBLIC OF  Gold Umicore S.A. Business Unit Precious Metals Refining BELGIUM  Gold United Precious Metal Refining, Inc.  Gold Valcambi S.A.  Gold WEEREFINING FRANCE  Gold Western Australian Mint (T/a The Perth Mint) AUSTRALIA  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yokohama Metal Co., Ltd.  Gold Zhongyuan Gold Smelter of Zhongjin Gold Corporation CHINA  Tantalum AMG Brasil BRAZIL  Tantalum Changsha South Tantalum Niobium Co., Ltd.  Tantalum F&X Electro-Materials Ltd.  Tantalum FIR Metals & Resource Ltd.  Tantalum Global Advanced Metals Aizu JAPAN  Tantalum Hengyang King Xing Lifeng New Materials Co., Ltd.  Tantalum Jiangxi Tuohong New Raw Material  Tantalum Jiangxi Tuohong New Raw Material  Tantalum Jiangyai Tanten Co., Ltd.  CHINA  Tantalum Jiangyai Tanten Rw Material Co., Ltd.  CHINA  Tantalum Jiangyai Tanten Rw Material Co., Ltd.  CHINA  Tantalum Jiangyai Tanten Co., Ltd.  CHINA	Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold         Tokuriki Honten Co., Ltd.         JAPAN           Gold         TOO Tau-Ken-Altyn         KAZAKHSTAN           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         WEEERFINING         FRANCE           Gold         Western Australian Mint (T/a The Perth Mint)         AUSTRALIA           Gold         Willeand Edelmetalle GmbH         GERMANY           Gold         Yamakin Co., Ltd.         JAPAN           Gold         Yokohama Metal Co., Ltd.         JAPAN           Gold         Zhongyuan Gold Smelter of Zhongjin Gold Corporation         CHINA           Tantalum         AMG Brasil         BRAZIL           Tantalum         Changsha South Tantalum Niobium Co., Ltd.         CHINA           Tantalum         D Block Metals, LLC         UNITED STATES OF AMERICA           Tantalum         Fix Electro-Materials Ltd.         CHINA           Tantalum         Global Advanced Metals Aizu         JAPAN           Tantalum         Global Advanced Metals Boyertown         UNITED STATES OF	Gold	T.C.A S.p.A	ITALY
Gold       TOO Tau-Ken-Altyn       KAZAKHSTAN         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       WEEEREFINING       FRANCE         Gold       Western Australian Mint (T/a The Perth Mint)       AUSTRALIA         Gold       WIELAND Edelmetalle GmbH       GERMANY         Gold       Yamakin Co., Ltd.       JAPAN         Gold       Yokohama Metal Co., Ltd.       JAPAN         Gold       Zhongyuan Gold Smelter of Zhongjin Gold Corporation       CHINA         Tantalum       AMG Brasil       BRAZIL         Tantalum       Changsha South Tantalum Niobium Co., Ltd.       CHINA         Tantalum       P Block Metals, LLC       UNITED STATES OF AMERICA         Tantalum       F&X Electro-Materials Ltd.       CHINA         Tantalum       Global Advanced Metals Aizu       JAPAN         Tantalum       Global Advanced Metals Boyertown       UNITED STATES OF AMERICA         Tantalum       Hengyang King Xing Lifeng New Materials Co., Ltd.       CHINA         Tantalum       Jian	Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
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 WEEREFINING FRANCE  Gold Western Australian Mint (T/a The Perth Mint) AUSTRALIA  Gold WIELAND Edelmetalle GmbH GERMANY  Gold Yamakin Co., Ltd. JAPAN  Gold Yokohama Metal Co., Ltd. JAPAN  Gold Zhongyuan Gold Smelter of Zhongjin Gold Corporation CHINA  Tantalum AMG Brasil BRAZIL  Tantalum Changsha South Tantalum Niobium Co., Ltd. UNITED STATES OF AMERICA  Tantalum F&X Electro-Materials Ltd. CHINA  Tantalum FIR Metals & Resource Ltd. CHINA  Tantalum Global Advanced Metals Aizu JAPAN  Tantalum Global Advanced Metals Boyertown UNITED STATES OF AMERICA  Tantalum Hengyang King Xing Lifeng New Materials Co., Ltd. CHINA  Tantalum Jiangxi Tuohong New Raw Material  Tantalum Jiangxi Tuohong New Raw Material  Tantalum Jiujiang Janny New Material Co., Ltd. CHINA  Tantalum Jiujiang Tanbre Co., Ltd. CHINA  Tantalum Jiujiang Tanbre Co., Ltd. CHINA  Tantalum Jiujiang Tanbre Co., Ltd. CHINA	Gold	Tokuriki Honten Co., Ltd.	JAPAN
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       WEEREFINING       FRANCE         Gold       Western Australian Mint (T/a The Perth Mint)       AUSTRALIA         Gold       WIELAND Edelmetalle GmbH       GERMANY         Gold       Yamakin Co., Ltd.       JAPAN         Gold       Yokohama Metal Co., Ltd.       JAPAN         Gold       Zhongyuan Gold Smelter of Zhongjin Gold Corporation       CHINA         Tantalum       AMG Brasil       BRAZIL         Tantalum       Changsha South Tantalum Niobium Co., Ltd.       CHINA         Tantalum       Pilock Metals, LLC       UNITED STATES OF AMERICA         Tantalum       F&X Electro-Materials Ltd.       CHINA         Tantalum       Filo Metals & Resource Ltd.       CHINA         Tantalum       Global Advanced Metals Aizu       JAPAN         Tantalum       Global Advanced Metals Boyertown       UNITED STATES OF AMERICA         Tantalum       Hengyang King Xing Lifeng New Materials Co., Ltd.       CHINA         Tantalum       Jiangxi Dinghai Tantalum & Niobium Co., Ltd.       CHINA	Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
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Tantalum FIR Metals & Resource Ltd.  Tantalum Global Advanced Metals Aizu JAPAN  Tantalum Global Advanced Metals Boyertown UNITED STATES OF AMERICA  Tantalum Hengyang King Xing Lifeng New Materials Co., Ltd. CHINA  Tantalum Jiangxi Dinghai Tantalum & Niobium Co., Ltd. CHINA  Tantalum Jiangxi Tuohong New Raw Material CHINA  Tantalum Jiujiang Janny New Material Co., Ltd. CHINA  Tantalum Jiujiang Janny New Material Co., Ltd. CHINA  Tantalum Jiujiang JinXin Nonferrous Metals Co., Ltd. CHINA  Tantalum Jiujiang Tanbre Co., Ltd. CHINA			AMERICA
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Tantalum Global Advanced Metals Boyertown UNITED STATES OF AMERICA  Tantalum Hengyang King Xing Lifeng New Materials Co., Ltd. CHINA  Tantalum Jiangxi Dinghai Tantalum & Niobium Co., Ltd. CHINA  Tantalum Jiangxi Tuohong New Raw Material CHINA  Tantalum Jiujiang Janny New Material Co., Ltd. CHINA  Tantalum Jiujiang JinXin Nonferrous Metals Co., Ltd. CHINA  Tantalum Jiujiang Tanbre Co., Ltd. CHINA	Tantalum	FIR Metals & Resource Ltd.	CHINA
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Tantalum Hengyang King Xing Lifeng New Materials Co., Ltd.  CHINA  Tantalum Jiangxi Dinghai Tantalum & Niobium Co., Ltd.  CHINA  Tantalum Jiangxi Tuohong New Raw Material  CHINA  Tantalum Jiujiang Janny New Material Co., Ltd.  CHINA  Tantalum JiuJiang JinXin Nonferrous Metals Co., Ltd.  CHINA  Tantalum Jiujiang Tanbre Co., Ltd.  CHINA	Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF
Tantalum Jiangxi Dinghai Tantalum & Niobium Co., Ltd.  CHINA  Tantalum Jiangxi Tuohong New Raw Material  CHINA  Tantalum Jiujiang Janny New Material Co., Ltd.  CHINA  Tantalum Jiujiang JinXin Nonferrous Metals Co., Ltd.  CHINA  Tantalum Jiujiang Tanbre Co., Ltd.  CHINA			AMERICA
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Tantalum Jiujiang Janny New Material Co., Ltd.  CHINA  Tantalum JiuJiang JinXin Nonferrous Metals Co., Ltd.  CHINA  Tantalum Jiujiang Tanbre Co., Ltd.  CHINA	Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum JiuJiang JinXin Nonferrous Metals Co., Ltd.  CHINA  Tantalum Jiujiang Tanbre Co., Ltd.  CHINA	Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Tantalum Jiujiang Tanbre Co., Ltd. CHINA	Tantalum	Jiujiang Janny New Material Co., Ltd.	CHINA
	Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
	Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
rantalan   Siajiang Zhongao Tantalan a Niobian Oo., Lta.   Offina	Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA

Tantalum	KEMET de Mexico	MEXICO
Tantalum	Materion Newton Inc.	UNITED STATES OF
		AMERICA
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	NPM Silmet AS	ESTONIA
Tantalum	QSIL Metals Hermsdorf GmbH	GERMANY
Tantalum	QuantumClean	UNITED STATES OF
		AMERICA
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	CHINA
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	TANIOBIS Co., Ltd.	THAILAND
Tantalum	TANIOBIS GmbH	GERMANY
Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tantalum	Telex Metals	UNITED STATES OF
		AMERICA
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Tin	Alpha	UNITED STATES OF
		AMERICA
Tin	Aurubis Beerse	BELGIUM
Tin	Aurubis Berango	SPAIN
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	CRM Fundicao De Metais E Comercio De Equipamentos	BRAZIL
	Eletronicos Do Brasil Ltda	
Tin	CRM Synergies	SPAIN
Tin	CV Ayi Jaya	INDONESIA
Tin	CV Venus Inti Perkasa	INDONESIA
Tin	Dowa	JAPAN
Tin	DS Myanmar	MYANMAR
Tin	EM Vinto	BOLIVIA (PLURINATIONAL
		STATE OF)
Tin	Estanho de Rondonia S.A.	BRAZIL

Tin	Fabrica Auricchio Industria e Comercio Ltda.	BRAZIL
Tin	Fenix Metals	POLAND
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
Tin	Luna Smelter, Ltd.	RWANDA
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
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	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL
		STATE OF)
Tin	PT Aries Kencana Sejahtera	INDONESIA
Tin	PT Artha Cipta Langgeng	INDONESIA
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tin	PT Babel Inti Perkasa	INDONESIA
Tin	PT Babel Surya Alam Lestari	INDONESIA
Tin	PT Bangka Prima Tin	INDONESIA
Tin	PT Bangka Serumpun	INDONESIA
Tin	PT Belitung Industri Sejahtera	INDONESIA
Tin	PT Bukit Timah	INDONESIA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	PT Menara Cipta Mulia	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT Mitra Sukses Globalindo	INDONESIA
Tin	PT Premium Tin Indonesia	INDONESIA
Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Tin	PT Rajawali Rimba Perkasa	INDONESIA
Tin	PT Rajehan Ariq	INDONESIA
Tin	PT Refined Bangka Tin	INDONESIA
Tin	PT Sariwiguna Binasentosa	INDONESIA
Tin	PT Stanindo Inti Perkasa	INDONESIA
Tin	PT Sukses Inti Makmur	INDONESIA
Tin	PT Timah Nusantara	INDONESIA
Tin	PT Timah Tbk Kundur	INDONESIA

Tin	PT Timah Tbk Mentok	INDONESIA
Tin	PT Tinindo Inter Nusa	INDONESIA
Tin	PT Tommy Utama	INDONESIA
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tin	Rui Da Hung	TAIWAN, PROVINCE OF
		CHINA
Tin	Soft Metais Ltda.	BRAZIL
Tin	Super Ligas	BRAZIL
Tin	Thaisarco	THAILAND
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	A.L.M.T. Corp.	JAPAN
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	Cronimet Brasil Ltda	BRAZIL
Tungsten	Fujian Xinlu Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders Corp.	UNITED STATES OF
		AMERICA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA
Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou	CHINA
	Tungsten Products Branch	
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Tungsten	Kennametal Huntsville	UNITED STATES OF
		AMERICA

Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF
		CHINA
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Masan High-Tech Materials	VIET NAM
Tungsten	Niagara Refining LLC	UNITED STATES OF
		AMERICA
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA

# Active

Metal	Standard Smelter Names	Smelter Facility Location: Country
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA
Gold	Bangalore Refinery	INDIA
Tin	Precious Minerals and Smelting Limited	INDIA
Tin	PT Bangka Tin Industry	INDONESIA