

2023年仁寶電腦衝突礦產報告書

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1. 公司簡介

仁寶電腦成立於1984年以專業的經營團隊和堅強的研發實力，由電腦週邊製造廠，發展成目前的規模。為滿足客戶 從設計製造到整合應用一次到位之需求，所設計製造之產品涵蓋筆記型電腦、平板電腦、穿戴裝置及手機等 5C 產品，並將產品加以整合，投入 IOT 應用，以智慧家庭、智慧車載為服務目標，致力成為整體性解決方案提供者。此外仁寶將從持續改善運營、供應鏈和研發能力著手，通過數字化、自動化和創新設計恢復運營成本競爭力，提高生產效率和質量，降低能源的使用及對環境的影響，並注重供應鏈環境及人權相關議題，將可持續發展融入研發和量產過程，實現綠色低碳製造的目標，邁向永續發展的未來。

2. 定義

- 2.1 RMI: 責任礦產倡議(Responsible Mineral Initiative)。
- 2.2 RBA: 責任商業聯盟(Responsible Business Alliance, RBA)。
- 2.3 RMAP: 負責任礦產保證流程(Responsible Minerals Assurance Process)。
- 2.4 RCOI: 合理礦產來源國調查(Reasonable Country of Origin Inquiry)。
- 2.5 CMRT: 衝突礦產調查表(Conflict Minerals Report Template, CMRT)。
- 2.6 EMRT: 擴展礦產報告模板(Extended Minerals Reporting Template)。
- 2.7 3TGs: 意指鈹(Tantalum)、錫(Tin)、鎢(Tungsten)、金(Gold)。
- 2.8 OECD: 經濟合作暨發展組織(Organization for Economic Cooperation and Development)。
- 2.9 LBMA: 倫敦金銀市場協會(London Bullion Market Association, LBMA)。
- 2.10 RJC: 責任珠寶委員會 (Responsible Jewelry Council, RJC)。
- 2.11 Covered country: 毗鄰國家指剛果民主共和國鄰近之安哥拉、蒲隆地、中非共和國、剛果共和國、盧安達、南蘇安、坦尚尼亞、烏干達、尚比亞等國

3. 仁寶電腦衝突礦產概況

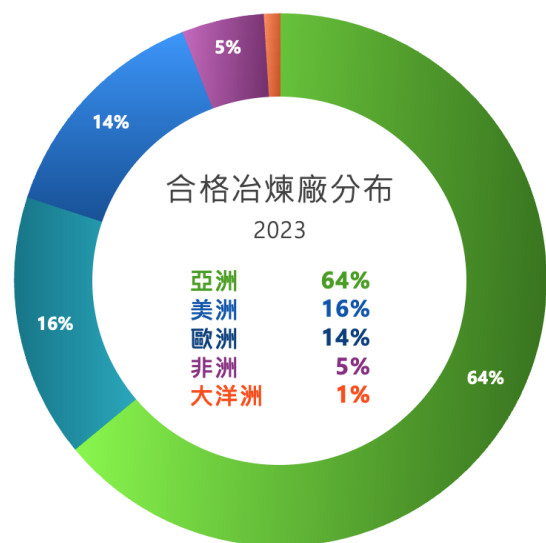
仁寶身為責任商業聯盟(RBA)成員，當應善盡企業社會之責任，除了從自身做起遵照RBA之行為規範之外，因現有產業需求，多數電子產品功能運作材料會使用到鈹(Ta)、錫(Sn)、鎢(W)、金(Au)、鈷(Co)及雲母礦產，例如：電容(錫)、天線(金)、相機(鎢)等材料。為確保採購礦物符合非衝突礦產，仁寶制定無衝突礦產採購政策，積極主動調查礦物、冶煉廠來源，也會與內部相關單位及供應商確認使用衝突礦產的原因及必要性，若為非必要即要求供應商逐步減少採購或採購替代礦產，停止使用衝突礦產。為宣導供應商共同重視衝突礦產議題，仁寶依循經濟合作暨發展組織(OECD)發布之「受衝突影響地區和高風險地區礦產供應鏈的盡職調查指導方針」的盡職調查架構，制定仁寶衝突礦產調查管理流程制定《供應商衝突礦產管理程序文件》及發佈政策，對供應商夥伴(含總部工廠、代理商及其全球之經銷商)展開調查，也要求供應商必須簽署並承諾不使用上述受武裝團體控制的礦區所開採、銷售之金屬。期望透過產業供應鏈之自我要求與約束，對衝突礦產議題產生正面的影響。

2016年仁寶正式制定衝突礦產政策，自該年度起對供應商進行衝突礦產調查，並於結案後持續追蹤責任礦物倡議RMI合格冶煉廠名單，持續與供應商合作並做層層把關。2018年起也於仁寶官方網站上積極宣導不使用衝突礦產政策並要求供應商遵守其規範；另鼓勵供應商與已通過責任礦產確認程序RMAP或其他同等之獨立第三方稽核計畫檢驗所認可的非衝突冶煉廠進行採購，以確保產品中使用來源可靠的礦產。2019年RMI開始將鈷納入衝突礦產調查範圍中，仁寶更於2019年啟動「鈷」(Cobalt)及2020年「雲母」(Mica)之盡職調查(due diligence)，並將「鈷」及「雲母」放入不使用衝突礦產宣告書內。

此報告期間涵蓋2023年1月1日至2023年12月31日仁寶對於供應商衝突礦產管理成果，使用責任礦物倡議RMI建立的CMRT及EMRT模板向仁寶直接交易供應商進行調查調查3TG、鈷(Cobalt)及雲母(Mica)冶煉廠來源，並定期審視RMI發布合格冶煉廠名單，確保冶煉廠的合規性。

4. 礦產來源國調查

仁寶電腦為進行礦產來源國(RCOI)盡職調查，展開以下程序全面調查供應商生產並銷售給仁寶之產品且內含有鈹(Ta)、錫(Sn)、鎢(W)、金(Au)、鈷(Co)及雲母礦物所涉及的國家來源，衝突礦產地區特別發生在剛果民主共和國(“DRC”)及其毗鄰國家(“Covered country”)產出礦產。保產品無來至武裝衝突地區冶煉廠仁寶使用RMI建立CMRT及EMRT模板調查供應商使用冶煉廠來源國，調查範圍涵蓋直接交易之供應商。2023年總共調查838家，回收率100%。合格冶煉廠或精煉廠名單參考RMI官網公告，鼓勵冶煉廠及精煉廠取得OECD盡責調查認可的第三方機制，包含RMI責任礦產認證程序(RMAP)，LBMA，RJC認證，2023年仁寶冶煉廠或精煉廠主要位於亞洲，次為美洲如下表1。



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5. 仁寶衝突礦產盡職調查管理流程

仁寶電腦遵循OECD所制定的「來自有衝突或高風險地區的礦產其負責任的供應鏈盡職調查指南」，建立衝突礦產的管理機制。



5.1 建立管理系統

仁寶2016年起制定衝突礦產政策，2023年針對838間供應商進行CMRT & EMRT衝突礦產調查，回收完成率達100%。

仁寶衝突礦產政策

1. 不購買從衝突地區來的衝突礦物
2. 制定衝突礦產政策，強烈要求供應商提供的原物料中不得間接或直接使用衝突礦產，必須遵循無衝突礦物的要求
3. 期望供應商全面使用受到認可的合格冶煉廠或要求現有的冶煉廠進行相關驗證，如發現供應商之產品中有使用衝突礦產時，將採取必要措施停止使用該等衝突礦產。

更多細節可參考仁寶衝突礦產政策：

<https://www.compall.com/ESG/Upload/ArticleImages/2022/07/12/2022071214521563.pdf>

5.2 辨識及評估風險

每年透過衝突礦產調查問卷(CMRT)鑑別供應商3TG冶煉廠的來源，亦要求供應商簽署宣告書確認遵守仁寶衝突礦產政策，並於調查後持續追蹤責任礦物倡議RMI合格冶煉廠名單，積極評估和管理供應鏈，以確保供應鏈之礦產不使用來自於武裝衝突地區的衝突礦物，並不定期配合RMI合格冶煉廠名單更新給終端客戶，確保客戶的產品不受到衝突礦產的負面影響。

5.3 執行風險應對策略

仁寶採取以下積極措施確保供應鏈之礦產安全

1. 要求供應商簽署宣告書確認遵守衝突礦產政策
2. 積極響應RMI計畫，並於採購系統和年度供應商大會中宣導RMI重要更新事項。
3. 搭配RMI所公布之最新冶煉廠名單，定期檢視供應商，一經發現不合規冶煉廠，即發送"禁用不合規冶煉廠通知書"，要求

供應商期限內回覆改善，並建議停止使用衝突礦產，重新選擇新的礦產來源，若供應商無法提出改善措施，將討論減少該供應商之新專案接案數，或減少現有採購量，情節嚴重者於合規供應商名單中剔除。

4. 與大多數供應商建立長期的合作關係，以提高法規遵從性。

5.4 第三方稽核

仁寶鼓勵供應商與已通過RMAP或其他同等之獨立第三方稽核計畫檢驗所認可的非衝突冶煉廠進行採購，並鼓勵供應商提供相關驗證。

5.5 揭露

仁寶電腦事業群、智慧裝置事業群於2023年針對838間供應商進行衝突礦產調查，設定問卷回收率100%的目標並達標，根據問卷填答內容檢視供應商，包含礦物、冶煉廠名稱和來源國家，以利掌握礦物來源管理和追蹤，並揭露將冶煉廠清單提供給客戶及仁寶ESG官網。

6. 冶煉廠與精煉廠清單

以下是仁寶供應商回復的所有冶煉廠與精煉廠清單，並依循2024年6月7日公告最新冶煉廠公告清單檢視。

仁寶電腦將根據最新狀況更新以下名單，最新冶煉廠公告清單，請至RMI責任礦產倡議組織網站查看：

<https://www.responsiblemineralsinitiative.org/>

Metal	Total Smelters and Refiners	% Conformant
Tantalum	33	100%
Tin	68	100%
Gold	90	100%
Tungsten	32	100%
Cobalt	48	100%
Mica	4	100%
Overall Total	275	100%

Metal	Smelter or Refiner Facility Name	Country
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Agosi AG	GERMANY
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
Gold	Argor-Heraeus S.A.	SWITZERLAND
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Aurubis AG	GERMANY
Gold	Bangko Sentral ng Pilipinas(Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden Ronnskar	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Gold	Chimet S.p.A.	ITALY
Gold	Chugai Mining	JAPAN

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Metal	Smelter or Refiner Facility Name	Country
Gold	DSC (Do Sung Corporation)	KOREA,REPUBLIC OF
Gold	Dowa	JAPAN
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Metals Hong Kong Ltd.	CHINA
Gold	Heraeus Germany GmbH Co. KG	GERMANY
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	Istanbul Gold Refinery	TURKEY
Gold	Japan Mint	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	LS MnM Inc.	KOREA, REPUBLIC OF
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO

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Metal	Smelter or Refiner Facility Name	Country
Gold	Mitsubishi Materials Corporation	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	Nihon Material Co., Ltd.	JAPAN
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	MKS PAMP SA	SWITZERLAND
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	Royal Canadian Mint	CANADA
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
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	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Gold	Shandong Gold Smelting Co., Ltd.	CHINA
Gold	Tokuriki Honten Co., Ltd.	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	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA

Metal	Smelter or Refiner Facility Name	Country
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
Gold	SAFINA A.S.	CZECHIA
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	L'Orfebre S.A.	ANDORRA
Gold	Italpreziosi	ITALY
Gold	WIELAND Edelmetalle GmbH	GERMANY
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA
Gold	Bangalore Refinery	INDIA
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Planta Recuperadora de Metales SpA	CHILE
Gold	NH Recytech Company	KOREA, REPUBLIC OF
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	WEEEREFINING	FRANCE
Gold	Gold by Gold Colombia	COLOMBIA
Gold	Coimpa Industrial LTDA	BRAZIL
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA

Metal	Smelter or Refiner Facility Name	Country
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Tantalum	AMG Brasil	BRAZIL
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	NPM Silmet AS	ESTONIA
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	QuantumClean	UNITED STATES OF AMERICA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	KEMET de Mexico	MEXICO
Tantalum	TANIOBIS Co., Ltd.	THAILAND
Tantalum	TANIOBIS GmbH	GERMANY
Tantalum	Materion Newton Inc.	UNITED STATES OF AMERICA
Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	Jiangxi Tuohong New Raw Material	CHINA

Metal	Smelter or Refiner Facility Name	Country
Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	CHINA
Tantalum	PowerX Ltd.	RWANDA
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	Alpha	UNITED STATES OF AMERICA
Tin	PT Aries Kencana Sejahtera	INDONESIA
Tin	PT Premium Tin Indonesia	INDONESIA
Tin	Dowa	JAPAN
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Estanho de Rondonia S.A.	BRAZIL
Tin	Fenix Metals	POLAND
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Tin	Mineracao Taboca S.A.	BRAZIL
Tin	Minsur	PERU
Tin	Mitsubishi Materials Corporation	JAPAN
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)
Tin	PT Artha Cipta Langgeng	INDONESIA
Tin	PT Babel Inti Perkasa	INDONESIA
Tin	PT Babel Surya Alam Lestari	INDONESIA
Tin	PT Belitung Industri Sejahtera	INDONESIA
Tin	PT Bukit Timah	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT Prima Timah Utama	INDONESIA

Metal	Smelter or Refiner Facility Name	Country
Tin	PT Refined Bangka Tin	INDONESIA
Tin	PT Sariwiguna Binasentosa	INDONESIA
Tin	PT Stanindo Inti Perkasa	INDONESIA
Tin	PT Timah Tbk Kundur	INDONESIA
Tin	PT Timah Tbk Mentok	INDONESIA
Tin	PT Timah Nusantara	INDONESIA
Tin	PT Tinindo Inter Nusa	INDONESIA
Tin	PT Tommy Utama	INDONESIA
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Tin	Soft Metais Ltda.	BRAZIL
Tin	Thaisarco	THAILAND
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
Tin	CV Venus Inti Perkasa	INDONESIA
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	CV Ayi Jaya	INDONESIA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tin	Super Ligas	BRAZIL
Tin	Aurubis Beerse	BELGIUM
Tin	Aurubis Berango	SPAIN
Tin	PT Bangka Prima Tin	INDONESIA
Tin	PT Sukses Inti Makmur (SIM)	INDONESIA
Tin	PT Menara Cipta Mulia	INDONESIA

Metal	Smelter or Refiner Facility Name	Country
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	PT Bangka Serumpun	INDONESIA
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
Tin	PT Rajawali Rimba Perkasa	INDONESIA
Tin	Luna Smelter, Ltd.	RWANDA
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
Tin	Precious Minerals and Smelting Limited	INDIA
Tin	PT Mitra Sukses Globalindo	INDONESIA
Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	BRAZIL
Tin	CRM Synergies	SPAIN
Tin	Fabrica Auricchio Industria e Comercio Ltda.	BRAZIL
Tin	DS Myanmar	MYANMAR
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Tin	Mining Minerals Resources SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Tungsten	A.L.M.T. Corp.	JAPAN
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA

Metal	Smelter or Refiner Facility Name	Country
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	CHINA
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Masan High-Tech Materials	VIET NAM
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
Tungsten	Cronimet Brasil Ltda	BRAZIL
Tungsten	Fujian Xinlu Tungsten Co., Ltd.	CHINA
Tungsten	Tungsten Vietnam Joint Stock Company	VIET NAM
Cobalt	Gem (Jiangsu) Cobalt Industry Co., Ltd.	CHINA
Cobalt	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	CHINA
Cobalt	Zhuhai Kelixin Metal Materials Co., Ltd.	CHINA
Cobalt	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	CHINA
Cobalt	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
Cobalt	Tianjin Maolian Science & Technology Co., Ltd.	CHINA

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Metal	Smelter or Refiner Facility Name	Country
Cobalt	Zhejiang Huayou Cobalt Company Limited	CHINA
Cobalt	Umicore Finland Oy	FINLAND
Cobalt	Umicore Olen	BELGIUM
Cobalt	Dynatec Madagascar Company	MADAGASCAR
Cobalt	Port Colborne Refinery	CANADA
Cobalt	Quzhou Huayou Cobalt New Material Co., Ltd.	CHINA
Cobalt	Kamoto Copper Company	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Chemaf Etoile	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Societe pour le Traitement 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	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
Cobalt	Mine de Bou-Azzer	MOROCCO
Cobalt	Compagnie de Tifnout Tiranimine	MOROCCO
Cobalt	Guangdong Jiana Energy Technology Co., Ltd.	CHINA
Cobalt	Jiangsu Xiongfeng Technology Co., Ltd.	CHINA
Cobalt	Mutanda Mining SPRL	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	SungEel HiTech Co., Ltd.	KOREA, REPUBLIC OF
Cobalt	Jiangxi Jiangwu Cobalt Industrial Co., Ltd.	CHINA
Cobalt	Jingmen GEM Co., Ltd.	CHINA
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 Materials Co., Ltd.	CHINA
Cobalt	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
Cobalt	Hunan CNGR New Energy Science & Technology Co., Ltd.	CHINA
Cobalt	Cosmo Chemical, Ltd.	KOREA, REPUBLIC OF
Cobalt	Tenke Fungurume Mining SA	CONGO, DEMOCRATIC REPUBLIC OF THE

Metal	Smelter or Refiner Facility Name	Country
Cobalt	Ningbo Hubang New Material Co., Ltd.	CHINA
Cobalt	CoreMax Corporation	TAIWAN, PROVINCE OF CHINA
Cobalt	Chizhou CN New Materials and Technology Co., Ltd.	CHINA
Cobalt	ICoNiChem	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
Cobalt	Zhejiang Greatpower Cobalt Materials Co., Ltd.	CHINA
Cobalt	Mechema Taiwan Plant 2	TAIWAN, PROVINCE OF CHINA
Cobalt	Harima Refinery, Sumitomo Metal Mining	JAPAN
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	Guangdong Fangyuan New Materials Group Co., Ltd.	CHINA
Cobalt	Fujian Evergreen New Energy Technology Co.	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
Mica	Yamaguchi Mica	JAPAN
Mica	Yamaguchi Mica Co., Ltd. Toyohashi Factory	JAPAN
Mica	Yamaguchi Mica Co., Ltd. Shinshiro Factory	JAPAN
Mica	DARUKA MINCHEM PVT.LTD	INDIA