

TINNO

深圳市天珑移动技术有限公司

2024年 冲突矿产报告

编写：杨洋、赖永鹏
审核：汪朝英、邓敬元

冲突矿产的政策

不直接或间接的使用来自刚果民主共和国及其毗邻国家/地区的武装冲突、非法采矿而来的金属，不直接或间接地向刚果民主共和国或其毗邻国家/地区内践踏人权的武装组织提供资金或使它们得益；天珑及天珑关联子公司的供应商应调查其产品中含有的冲突矿产（金/钽/锡/钨/钴/云母）等金属，并确认这些金属的来源。

天珑对负责任采购的承诺摘要

在天珑，我们对人权的尊重始于我们承诺以尊严和尊重对待每个人。天珑的人权政策规定了我们如何对待每个人，包括我们的客户、员工、业务合作伙伴和供应链的各级员工。从采矿层到产品组装设施，天珑致力于保护环境并保障我们供应链所涉及的数万人的福祉。我们坚定地致力于不断评估我们的进展，并将我们学到的经验教训融入到我们所做的每一件事中。我们把对人权的尊重融入了整个公司——我们生产的技术、生产的方式，以及我们对待员工的方式。

天珑不直接从矿场购买或采购初级矿产。我们致力于达到并超过国际公认的原生矿物和回收材料尽职调查标准：



天珑无冲突矿产政策

对于来自冲突或高风险地区钽Ta, 锡Sn, 钨W, 金Au、钴Cobalt、云母Mica等矿物、通过走私贸易途径、被非政府武装控制或非军事派别控制的金属矿产均属于冲突矿产。

天珑要求供货商遵守责任商业联盟行为准则(RBA), 只从对环境和社会负责的供货商采购材料, 全体供应商不能采购和使用冲突矿产, 符合无冲突矿产要求, 并从责任矿产倡议(RMI)确认的责任矿产保证流程(RMAP)认证冶炼厂和精炼厂清单中采购 (<http://www.responsiblemineralsinitiative.org/>)。所有供应商应采购通过RMAP认证符合无冲突金属要求的冶炼厂和精炼厂的金属, 没有通过RMAP认证的冶炼厂和精炼厂必须从供应链中移除。

天珑供应商要求

要求供货商, 如果有冲突矿产用于提供天珑的产品时, 请立即告知并采取替代方案, 并按照我司要求实施相关整改措施, 经确认整改完成后才能继续供货, 以确保完全符合无冲突要求, 涉及冲突矿产的相关产品材料按照不合格品进行处理。

要求供货商与供应链每年进行商业上合理的尽责调查, 以保证提供给天珑的产品中使用的金属并不来源于冲突矿产。供应商或供应链冲突矿产冶炼厂和精炼厂信息的变更(包括新增或移除), 作为主要变更管理, 如有发生也需要通过RMI冲突矿产报告模板或其他符合IPC-1755冲突矿产数据交换标准要求的报告, 立即通知天珑。



供应链中供货商、矿物加工者、矿业公司或源头的原矿均需要按照经济合作与发展组织和本标准的要求制订冲突矿产之相关政策及管理流程。

- **第一步：
强大的公司管理系统**

根据经合组织尽职调查指南的第1步，天珑拥有强大的内部政策和管理监督其负责责任的矿产采购工作的系统。

天珑遵循道德、诚实和适用的法律法规开展业务，这适用于公司全球范围内的业务决策。天珑的商业行为规范为天珑每个人提供了标准指南。天珑希望供应商，承包商，顾问和其他业务合作伙伴在提供商品或服务时，遵守商业行为政策的诚实、尊重、保密和合规原则。天珑全公司的人权政策规定了天珑如何对待每个人，从客户和团队到业务合作伙伴以及供应链各个层面的人员。

- **第二步：
识别和评估供应链中的风险**

根据第二步尽职调查指南，我们持续对供应链进行风险识别和评估。我们在供应链的多个层面开展工作，以识别和评估风险，包括要求我们的供应商提交行业标准的冲突矿产报告模板。我们收集和处理供应商通过完成CMRT提供的数据，以及将我们的供应链映射到冶炼厂级别，并在可能的情况下映射到采矿级别。根据负责采购标准，如果供应商发现经合组织尽职调查指南中包含某些高风险，如与冲突矿产或人权风险，则还需要立即通知天珑。

- **第三步：
供应链尽职调查报告**

天珑每年通过其冲突矿物报告报告其尽职调查要求。天珑还公布了供应链中所有确定的冲突矿产、冶炼厂和炼油厂的名单。



关于本报告

报告期内为2024年1月1日至12月31日。

本报告中所引用的网站所包含的信息不是本文件的一部分，也不是通过引用纳入本文件。本报告所载资料以日历年为基础。

附件一.冶炼厂和精炼厂清单

冶炼厂和精炼厂清单会动态更新，本报告内数据的最后更新时间为2025年4月。

Metal	Smelter	Smelter Country	Smelter Identification
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA	CID002180
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	CID001622
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN	CID001875
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	CID002158
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA	CID002243
Tin	China Tin Group Co., Ltd.	CHINA	CID001070
Gold	Jiangxi Copper Co., Ltd.	CHINA	CID000855
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA	CID002224
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA	CID001147
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	CID000538
Tin	PT Timah Tbk Mentok	INDONESIA	CID001482
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA	CID001105
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE	CID001152
Gold	Shandong Gold Smelting Co., Ltd.	CHINA	CID001916
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA	CID000228
Tin	Alpha	UNITED STATES OF AMERICA	CID000292
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA	CID003325
Tin	Mineracao Taboca S.A.	BRAZIL	CID001173
Tin	Minsur	PERU	CID001182
Tin	PT Timah Tbk Kundur	INDONESIA	CID001477
Tin	Thaisarco	THAILAND	CID001898
Tin	Aurubis Beerse	BELGIUM	CID002773
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL	CID002036
Tin	PT Mitra Stania Prima	INDONESIA	CID001453
Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)	CID001337

Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)	CID000438
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA	CID003116
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA	CID002503
Tin	PT Cipta Persada Mulia	INDONESIA	CID002696
Tin	Luna Smelter, Ltd.	RWANDA	CID003387
Tin	Fenix Metals	POLAND	CID000468
Tin	PT Prima Timah Utama	INDONESIA	CID001458
Tin	Mitsubishi Materials Corporation	JAPAN	CID001191
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA	CID001142
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA	CID001539
Tin	Dowa	JAPAN	CID000402
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA	CID001231
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA	CID002030
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM	CID001980
Gold	WIELAND Edelmetalle GmbH	GERMANY	CID002778
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA	CID001157
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO	CID001161
Gold	MKS PAMP SA	SWITZERLAND	CID001352
Gold	Asahi Refining Canada Ltd.	CANADA	CID000924
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND	CID001314
Gold	Heraeus Metals Hong Kong Ltd.	CHINA	CID000707
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN	CID000937
Gold	Matsuda Sangyo Co., Ltd.	JAPAN	CID001119
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA	CID001149
Gold	Metalor Technologies S.A.	SWITZERLAND	CID001153
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES	CID002517
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	CID002320
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	CID000258
Tungsten	Japan New Metals Co., Ltd.	JAPAN	CID000825
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA	CID000105

Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA	CID002321
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA	CID002082
Tantalum	F&X Electro-Materials Ltd.	CHINA	CID000460
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA	CID000616
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA	CID000914
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA	CID000917
Tantalum	AMG Brasil	BRAZIL	CID001076
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA	CID001163
Tantalum	Mineracao Taboca S.A.	BRAZIL	CID001175
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001192
Tantalum	NPM Silmet AS	ESTONIA	CID001200
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA	CID001277
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA	CID001522
Tantalum	Taki Chemical Co., Ltd.	JAPAN	CID001869
Tantalum	Telex Metals	UNITED STATES OF AMERICA	CID001891
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN	CID001969
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA	CID002492
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA	CID002504
Tantalum	FIR Metals & Resource Ltd.	CHINA	CID002505
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA	CID002506
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA	CID002512
Tantalum	KEMET de Mexico	MEXICO	CID002539
Tantalum	TANIOBIS Co., Ltd.	THAILAND	CID002544
Tantalum	TANIOBIS GmbH	GERMANY	CID002545
Tantalum	Materion Newton Inc.	UNITED STATES OF AMERICA	CID002548
Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN	CID002549
Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY	CID002550
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA	CID002557
Tantalum	Global Advanced Metals Aizu	JAPAN	CID002558
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL	CID002707
Tantalum	Jiangxi Tuohong New Raw Material	CHINA	CID002842
Tin	PT Rajehan Ariq	INDONESIA	CID002593
Tin	Aurubis Berango	SPAIN	CID002774

Gold	Asaka Riken Co., Ltd.	JAPAN	CID000090
Gold	Dowa	JAPAN	CID000401
Tungsten	H.C. Starck Tungsten GmbH	GERMANY	CID002541
Gold	Valcambi S.A.	SWITZERLAND	CID002003
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA	CID003868
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA	CID002494
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA	CID002551
Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA	CID002589
Gold	Aida Chemical Industries Co., Ltd.	JAPAN	CID000019
Gold	Argor-Heraeus S.A.	SWITZERLAND	CID000077
Gold	Asahi Pretec Corp.	JAPAN	CID000082
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN	CID000807
Gold	Kojima Chemicals Co., Ltd.	JAPAN	CID000981
Gold	LS MnM Inc.	KOREA, REPUBLIC OF	CID001078
Gold	Mitsubishi Materials Corporation	JAPAN	CID001188
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN	CID001193
Gold	Nihon Material Co., Ltd.	JAPAN	CID001259
Gold	Royal Canadian Mint	CANADA	CID001534
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA	CID001761
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN	CID001798
Gold	Tokuriki Honten Co., Ltd.	JAPAN	CID001938
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA	CID001993
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA	CID003190
Tungsten	A.L.M.T. Corp.	JAPAN	CID000004
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA	CID000218
Tungsten	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA	CID000568
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA	CID002044
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA	CID002316
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA	CID002317
Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	CHINA	CID002513
Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY	CID002542
Tungsten	Masan High-Tech Materials	VIET NAM	CID002543

Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA	CID002318
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN	CID001325
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA	CID000969
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL	CID000058
Gold	Boliden Ronnskar	SWEDEN	CID000157
Gold	Agosi AG	GERMANY	CID000035
Gold	C. Hafner GmbH + Co. KG	GERMANY	CID000176
Gold	Chimet S.p.A.	ITALY	CID000233
Gold	Heimerle + Meule GmbH	GERMANY	CID000694
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA	CID000920
Gold	Aurubis AG	GERMANY	CID000113
Gold	Istanbul Gold Refinery	TURKEY	CID000814
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	CID002779
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN	CID000425
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA	CID000015
Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES	CID002560
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	CID000041
Gold	Bangalore Refinery	INDIA	CID002863
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	CID000128
Gold	CCR Refinery - Glencore Canada Corporation	CANADA	CID000185
Gold	Chugai Mining	JAPAN	CID000264
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF	CID000359
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN	CID003424
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN	CID003425
Gold	Heraeus Germany GmbH Co. KG	GERMANY	CID000711
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA	CID000801
Gold	Italpreziosi	ITALY	CID002765
Gold	Japan Mint	JAPAN	CID000823
Gold	Kazzinc	KAZAKHSTAN	CID000957
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND	CID002511
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF	CID002605
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF	CID000689

Gold	Materion	UNITED STATES OF AMERICA	CID001113
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA	CID002509
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY	CID001220
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	CID001236
Gold	Planta Recuperadora de Metales SpA	CHILE	CID002919
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA	CID001397
Gold	PX Precinox S.A.	SWITZERLAND	CID001498
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA	CID001512
Gold	REMONDIS PMR B.V.	NETHERLANDS	CID002582
Gold	SAAMP	FRANCE	CID002761
Gold	SAFINA A.S.	CZECHIA	CID002290
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN	CID001585
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA	CID001736
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF	CID002918
Gold	T.C.A S.p.A	ITALY	CID002580
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN	CID002615
Gold	Yamakin Co., Ltd.	JAPAN	CID002100
Gold	Yokohama Metal Co., Ltd.	JAPAN	CID002129
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL	CID002468
Tin	PT Mitra Sukses Globalindo	INDONESIA	CID003449
Tin	Resind Industria e Comercio Ltda.	BRAZIL	CID002706
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM	CID002502
Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA	CID002641
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	CID002315
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA	CID000966
Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA	CID003407
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA	CID002319
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES	CID002827
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA	CID002844
Tin	Estanho de Rondonia S.A.	BRAZIL	CID000448
Tin	CRM Synergies	SPAIN	CID003524
Gold	NH Recytech Company	KOREA, REPUBLIC OF	CID003189
Tungsten	Cronimet Brasil Ltda	BRAZIL	CID003468
Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA	CID003575
Cobalt	Ganzhou Highpower Technology Co., Ltd.	CHINA	CID003384

Cobalt	Chizhou CN New Materials and Technology Co., Ltd.	CHINA	CID003481
Cobalt	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	CHINA	CID003212
Cobalt	Fairsky Industrial Co., Limited	CHINA	CID003469
Cobalt	Ningbo Yanmen Chemical Co., Ltd.	CHINA	CID003422
Cobalt	Zhuhai Kelixin Metal Materials Co., Ltd.	CHINA	CID003211
Cobalt	Zhejiang Greatpower Cobalt Materials Co., Ltd.	CHINA	CID003526
Cobalt	Zhejiang Huayou Cobalt Company Limited	CHINA	CID003225
Cobalt	Zhejiang Huayou Cobalt Company Limited	CHINA	CID003225
Cobalt	Zhejiang Huayou Cobalt Company Limited	CHINA	CID003225
Cobalt	XTC New Energy Materials (Xiamen) LTD.	CHINA	CID003376
Cobalt	Tianjin Maolian Science & Technology Co., Ltd.	CHINA	CID003215