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**Arcelik**

**Conflict Minerals  
Due Diligence  
Report 2023**

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**Arçelik**

## About this Report and Arçelik Due Diligence

Section 1502 of the Dodd Frank Act was enacted to address the exploitation and trade of 3TG by armed groups, which is partially financing conflict in the Democratic Republic of Congo (DRC) and adjacent countries to a humanitarian crisis. It requires that companies it applies to determine and report country origin of conflict minerals whether any of the 3TG used in their products are financing or benefiting illegal armed groups in the DRC or an adjoining country.

The term “3TG” or “conflict minerals” means columbite-tantalite (coltan), cassiterite, gold, wolframite, or their derivatives; or any other mineral or its derivatives determined by the Secretary of State to be financing conflict in the DRC or adjoining country.

A similar law called EU Conflict Minerals Regulation was accepted in the European Union that requires importers of 3TGs to report the presence and country origin of conflict minerals. Downstream companies are companies that sell the product to other businesses like Arçelik are not required to comply with mandatory rules on due diligence according to EU regulation.

Due to its vision “Respecting the World, Respected Worldwide”, Arçelik is leading sustainability in its sector. As part of Arçelik’s commitment to maintaining the highest ethical, labour, and environmental standards among its suppliers, Arçelik has adopted the policy on responsible sourcing of minerals from conflict-affected and high-risk areas. In line with its vision, Arçelik published ‘Conflict Mineral Policy’ in 2019, then revised in 2022 and to comply mentioned act, “Conflict Minerals Management Procedure” has published in 2019 as CP-16492/1. (Please check for [conflict mineral policy](#)) Arçelik has started a membership since 2021 with RMI (Responsible Minerals Initiative) to achieve its vision and manage supply chain for responsible purchasing.

The Organisation for Economic Co-operation and Development (OECD) leads to Arçelik due diligence and responsible purchasing process which states in CP-16492/0. Arçelik is not actively purchasing any conflict minerals. As part of the responsible purchasing process, Arçelik has communicated with its 1<sup>st</sup> tier suppliers and asked for implementation of conflict minerals.

This report describes Arçelik supply chain due diligence performance for conflict minerals. The results were collected for 2023 and reporting period January 1, 2023, to December 31, 2023.

## Arçelik Conflict Mineral Policy

Due to its vision “Respecting the World, Respected Worldwide”, Arçelik is leading sustainability in its sector. As part of Arçelik’s commitment to maintaining the highest ethical, labour, and environmental standards, Arçelik has adopted the following policy on responsible sourcing of minerals from conflict-affected and high-risk areas. Tin, Tantalum, Tungsten, and Gold (3TG) are used in the manufacturing of electronics, home appliances and relevant products. As Arçelik, we commit to refraining from any action which contributes to the financing of conflict and to comply with relevant United Nations sanctions resolutions or, where applicable, domestic laws implementing such resolutions and to supporting our suppliers and business partners do the same. To support the industry-wide approach and contribute to global responsible sourcing actions, Arçelik has become a member of Responsible Minerals Initiative (RMI).

As a global company, we expect from our suppliers to comply with the requirements regarding the responsible mining of minerals in conflict affected and high-risk areas, based on the Section 1502 of U.S Dodd Frank Act and the Regulation EU 2017/821. Since Arçelik does not directly source these conflict minerals from the mines and smelters which are placed in conflict-affected and high-risk areas (CAHRAs), the supply chain consists of many stages such as smelters, traders, exporters, refiners, and component producers. Therefore, to establish a responsible supply chain, from mine to final product and conduct due-diligence, Arçelik respects the “OECD Due Diligence Guidance for Responsible Chains of Minerals from Conflict-Affected and High-Risk Areas” and has integrated the five-stage framework described in the OECD Guidelines into its management system. Five stage action plan consists of;

- Establishing strong company management systems,
- Identification and the assessment of the risks in the supply chain,
- Design and implementation of a strategy to respond the risks,
- Carrying out third party audits,
- Reporting the supply chain due diligence.

To identify the risks in the supply chain, we demand from our suppliers to fill and convey us the Conflict Minerals Reporting Template (CMRT) which is created by RMI. By filling CMRT, suppliers provide their conflict mineral content and smelter lists. Thus, we check if the smelter

or refiner is confirmed or not by the Responsible Minerals Assurance Process (RMAP). Additionally, a volunteer study has initiated to check the use of cobalt in our products related with the issues of underage workers in cobalt mines, abuse of the workers, violation of human rights and contributions to the financing of conflict at conflict affected and high-risk areas.

Our suppliers and sub-suppliers must also adopt the Arçelik Code of Conduct for Business Partners, which is similar to the international guidelines. By the Code of Conduct, we expect that our suppliers and business partners:

- Work with their own upstream suppliers, with whom the potential risks may exist, to take action to mitigate risks and suspend or discontinue engagement with upstream suppliers after failed attempts at mitigation,
- Not offer, promise, give or demand any bribes, and resist the solicitation of bribes to conceal or disguise the origin of minerals,
- Support efforts, or take steps, to contribute to the effective elimination of money laundering where we identify a reasonable risk of money-laundering resulting from, or connected to, the extraction, trade, handling, transport, or export of minerals derived from the illegal taxation or extortion of minerals at points of access to mine sites, along transportation routes or at points where minerals are traded by upstream suppliers,
- Commit to engage with suppliers, national or international governmental authorities, organizations, civil society and affected third parties, as appropriate, to improve and track performance with a view to preventing or mitigating risks of adverse impacts through measurable steps taken in reasonable timescales.

To check the compliance to code of conduct and regulations, Arçelik may perform regular third-party audits and on-site audits through the supply chain.

## Abbreviations and Definitions

<b>3TG</b>	: Columbite-tantalite (coltan), cassiterite, gold, wolframite, or their derivatives
<b>CMRT</b>	: Conflict minerals reporting template
<b>EMRT</b>	: Extended Minerals Reporting Template
<b>DRC</b>	: Democratic Republic of Congo
<b>CAHRA</b>	: Conflict affected or high risk areas
<b>OECD</b>	: The Organisation for Economic Co-operation and Development
<b>RMAP</b>	: Responsible Minerals Assurance Process
<b>RCOI</b>	: Reasonable Country of Origin Inquiry
<b>RMI</b>	: Responsible Minerals Initiative
<b>SOR</b>	: Smelters or Refiners
<b>QA</b>	: Quality Assurance
<b>LBMA</b>	: The London Bullion Market Association
<b>RJC</b>	: The Responsible Jewellery Council

## Summary of Report

Arçelik is a household appliances manufacturer which has 31 production facilities in 9 countries. Arçelik manufactures and markets a full line of major home appliances and related products. Our principal products are refrigerators and freezers, washing machines and dryers, cooking appliances, dishwashers, TVs, and small appliances.

Tin, Tungsten, Tantalum and Gold (3TG) are used in the manufacturing of electronics, home appliances and other products. As a producer for home appliances and electronics, we surveyed 483 of Arçelik first tier suppliers which have potential to use 3TGs in parts. Arçelik has shared a conflict mineral reporting template (CMRT) to these suppliers to gather information about their due diligence and smelters or refiners (SORs). The CMRT is a free, standardized reporting template that facilitates the transfer of information through the supply chain regarding mineral country of origin and smelters and refiners being utilized.

A response rate is 67% which means 323 of 483 suppliers filled out survey. 15% of responding suppliers indicated that they had no 3TGs in their parts or products supplied to Arçelik.

According to information from 323 responding suppliers, 350 SORs were detected after analysing survey results. 215 of SORs are independently assessed and found conformant and certified as “DRC – conflict free” by the responsible minerals assurance process (RMAP) on behalf of the global organization Responsible Minerals Initiative (RMI). 11 of SORs are active SORs which means smelters and refiners that have committed to undergo an RMAP assessment, completed the relevant documents, and scheduled the on-site assessment. These may be in the pre-assessment, assessment, or corrective-action phases of the assessment. They may accept as conformant according to RMI. 23 of SORs are independently assessed and found non-conformant with the relevant RMI standard. 12 of SORs have temporarily closed but information suggests it may re-open in the future, or permanently closed, out of business, or purchased by another company, or have not begun operations yet. 89 of SORs are needed to encourage by RMI member companies due to several reasons.

Arçelik will take actions by communicating with its supplier to prevent and take actions certified smelters from supply chain with implementing a risk-based approaching.

## Arçelik Due Diligence Procedure for Conflict Minerals and Responsible Purchasing

Arçelik is implementing and following OECD Due Diligence Guidance for Responsible Supply Chains for creating procedure on conflict mineral due diligence and responsible purchasing. Arçelik integrated into its own management systems the following five-step framework for risk-based due diligence for responsible supply chains of minerals from conflict-affected and high-risk areas.

### 1. Establishing Strong Company Management Systems

The main purpose of this step is to examine the risks in the company's management systems and to adopt and adhere to a supply chain policy for the mines of the conflict-affected high-risk areas. In this step, the OECD Compliance Guide states that the company should include an understandable and consistent management process through which it can evaluate itself, its activities, and its relations with suppliers, and will ensure that risks are adequately managed.

Arçelik A.Ş, at this stage;

- Publishes a "[Conflict Minerals Policy](#)" on its website in order to inform all its stakeholders and the public and to reveal its ethical approach to conflict minerals. By this way, suppliers who supply parts or products to Arçelik are informed that they must ensure that the products they provide are obtained from sources that are non-conflict and do not directly or indirectly finance human rights violations.
- Should prepare a short text as summary of conflict minerals policy and attach it to the supplier purchase agreement. In this way, the supplier agrees to the conflict minerals company policy and requirements at the conclusion of the contract.
- Has established a strong team for the management of conflict minerals with the contributions of the Environmental Management – Chemical Management, Purchasing Directorate and Product Directorates. The process is managed by Environmental Management – Chemical Management, and the and Product Directorates provide the necessary controls during the compliance phase. Purchasing Directorate- System Development and Project Management manages the planned supplier improvement activities to create a traceable process by ensuring the transparency of the supply chain.



## 2. Identification and Assessment of Risks in The Supply Chain

In this step, some actions are defined to identify and assess the risks in the supply chain. According to these actions, Arçelik should define all suppliers in the supply chain at the best possible level and determine the risk scope of these suppliers to determine the risks. It should also assess whether the mining/refining companies in the supply chain have fulfilled all elements regarding their compliance.

For this purpose, Arçelik Environmental Management triggers the process of collecting information about the 3TG content and source of Arçelik products once a year. The responsibilities within the scope of the process are detailed below:

- Determination of In-Scope Components
- Supplier Survey Process
- Quality Control of Surveys Collected from Suppliers by The Service Provider
- Analysis of the Collected Responses by Arçelik Environmental Management

## 3. Design and Implementation of a Strategy Capable of Responding to Identified Risks

The main objective of this step is to design and implement a risk management and remediation plan so that the information gathered in the previous steps and the actual or potential risk classes identified in the supply chain risk assessment can be effectively responded.

Arçelik continuously expands its activities within the scope of process improvement, and pays attention to implement the following process improvement steps:

- Reporting the studies carried out in the step of identifying and evaluating the risks in the supply chain and the supplier survey results to the senior management.
- Cooperation with suppliers that are at risk to support traceability in their supply chains, providing training/support for continuous improvement and development of workplace systems (Suppliers can receive relevant training by logging in [to the supplier portal.](#))
- Continuing to trade with suppliers who do not meet or do not want to meet the requirements of Arçelik through measurable risk reduction measures, suspending trade in case the overall performance of risk reduction efforts decreases, subject to existing measures, and terminating relations with the supplier and removing them from the purchasing process/ cancelling contracts in case of complete failure of risk reduction measures.
- Re-reporting the identified risk class actions to the senior management and discussing the steps to be taken to reduce the negativities in the supply chain.

- Development of a grievance system that will raise awareness of affected stakeholders and Arçelik about its risks in the supply chain.
- Annual planning and increasing the number of on-site audits.

#### **4. Carrying Out Third Party Audits**

The aim of this step is to establish an institutional mechanism to be established by an initiative that is supported by government and cooperation of the relevant parties, by auditing the practices mentioned in the previous steps by independent third parties to support SORs to improve their compliance efforts. The scope of the audit should include all activities, processes and systems used by SORs for compliance in supply chain related to mines of conflict-affected and high-risk areas. The audit process of third parties is carried out considering several criteria and in accordance with these criteria. The main principles of auditing are independence, competence, and accountability. All parties in the supply chain should cooperate through sectoral organisations to ensure that the audit is in line with the scope, criteria, principles, and activities of the audit set out in the guidelines.

In this context, Arçelik should participate and contribute to the process of appointing auditors and determining the audit conditions in accordance with the standards and processes specified in this guide. After the audit is carried out by the third parties, the results of the audit should be reported to Arçelik Environmental Management. The audit report should be evaluated by Environmental Management and Purchasing Directorate.

#### **5. Reporting the supply chain due diligence annually**

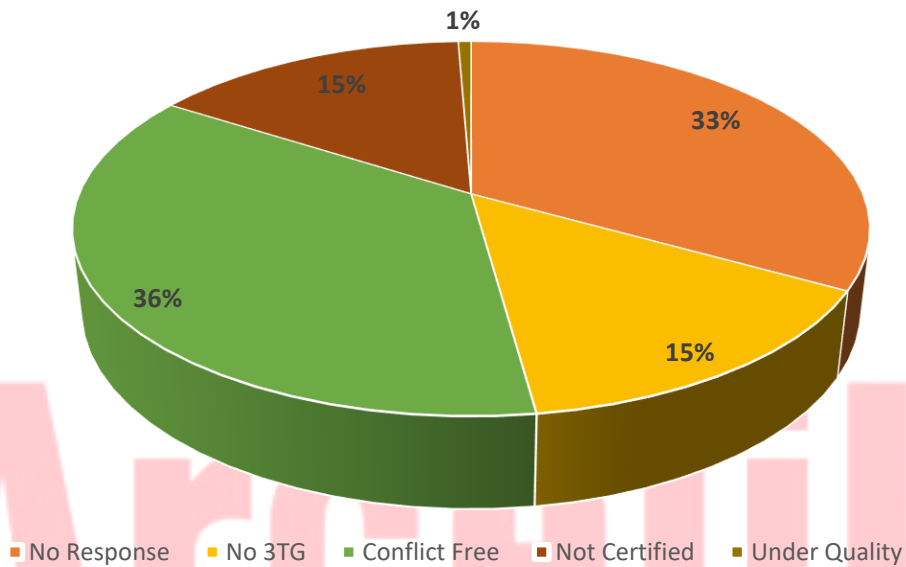
The U.S. Dodd-Frank Act requires companies to file annual reporting on conflict minerals and make them available to the public. Arçelik acts in accordance with the OECD Guidelines in conflict minerals management and reports its work to the public annually. In the reporting process, the information obtained during the identification and evaluation of risks in the supply chain is shared.

Under the U.S. Dodd Frank Act, the Environmental Authority meets with relevant departments to prepare an annual report to keep senior project sponsors, key customers, and external stakeholders informed. The purpose of this report is to establish public confidence in the measures taken by the company and to inform the public about the responsible supply chain compliance studies related to the mines of conflict-affected and high-risk areas.

## Results of Inquiry – Supplier Case

In total 483 suppliers found that related with 3TG as a pre-assumption. The notified body was conducted each supplier by using software, e-mails, and telephone call. The results are shown in pie charts. The response rate is 67% (323 suppliers).

### ANALYSIS OF RESPONSES, BY SUPPLIER



**No Response:** Supplier did not respond notified body inquiry request, e-mail, and telephone call. (160 suppliers).

**No 3TG Usage:** Supplier stated that no usage of 3TGs in their parts, components, or product to send Arçelik plants. (71 suppliers).

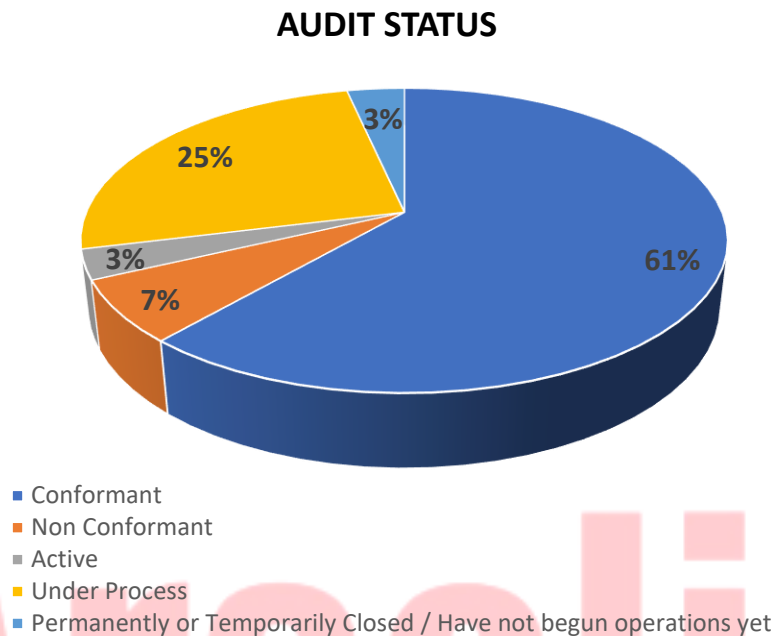
**Conflict free 3TG Usage:** Supplier stated that usage of at least one of 3TGs in their parts, components, or product to send Arçelik plants, and all the SORs are independently assessed and found conformant by RMI. (175 suppliers).

**Not Certified 3TG Usage:** Supplier stated that usage of at least one of 3TGs in their parts, components, or product to send Arçelik plants, and at least one of the SORs is non-certified by RMI. (74 suppliers).

**Under Quality:** Supplier survey results were found to be inconsistent. (3 suppliers).

## Results of Inquiry – Smelters or Refiners Case

According to information from 323 responding suppliers, 350 SORs were detected after analysing survey results. The below chart has shown all details of audit status.



215 of SORs are independently assessed and found conformant with the relevant RMI Due Diligence standard. 11 of SORs are engaged in the program but not yet conformant. Thus, they are interpreted in active status.

23 SORs whose countries of origin are Belgium, Brazil, China, Italy, Korea, Kyrgyzstan, Malaysia, Russia, South Africa, Switzerland, Taiwan, Thailand, U.S.A., and Vietnam are independently assessed and found non-conformant with the relevant RMI standard.

12 of SORs have temporarily closed but information suggests it may re-open in the future, or permanently closed, out of business, or purchased by another company, or have not begun operations yet.

89 of SORs are “Under Process”. Under Process means the SORs are needed to encourage by RMI member companies due to several reasons. They may;

- **Be in communications with RMI:** Not yet active but in communication with RMI and/or member company,
- **Suspended communications:** Facility has strongly communicated a lack of interest in participation for any reasons,

- **Outreach required:** outreach needed by RMI member companies to contact entity and encourage their participation to undergo an RMI assessment, or
- **RMI review due diligence:** The status could alter if further data is provided.

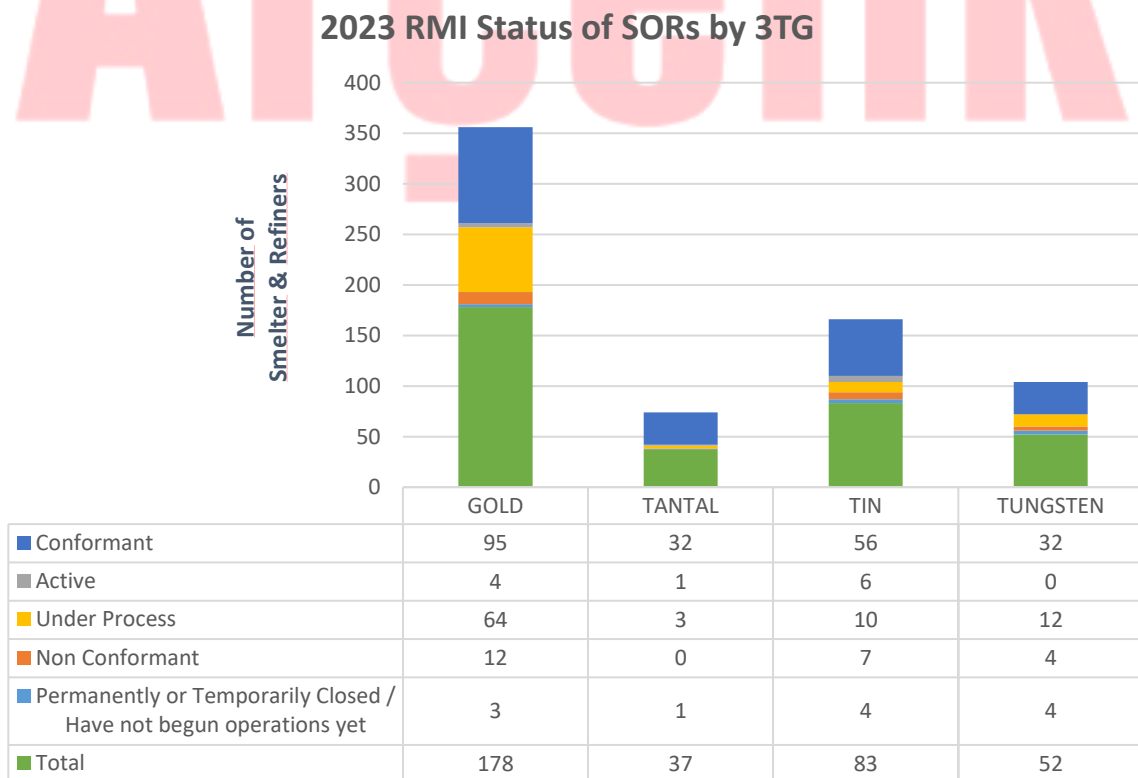
All smelters and refiners are identified in table Annex A. (List of Smelters and Refiners) The whole RCOI (Country of Origin Data) can be seen in Annex B table. (Country of Origin Information)

## Improvements and Risk Mitigation Activities

Arçelik prevents or mitigates the identified risks by adopting and implementing a risk management plan. It will result in a decision to continue trade throughout the course of risk mitigation efforts.

All SORs were analysed and RMI status of them according to 3TG was prepared as shown in below chart.

Arçelik Purchasing Directorate will evaluate the non-conformant suppliers in detail and prepare an action plan.



## Quality Assurance

Supplier responses were evaluated for plausibility, consistency, and gaps by the notified consultant firm that provides sending surveys to suppliers via application, collects data and storage. The responsible person in the firm had controlled each of the survey data and detail one by one. Any of following irrationality was observed, the responsible person directly contacted with supplier for correction.

- One or more smelter SORs were listed for unused metal,
- SOR information was not provided for a used metal, or SOR information provided was not a verified metal processor,
- Supplier answered “yes” to sourcing from the DRC or adjoining countries, but none of the SORs listed are known to source from this region,
- Supplier indicated they have not identified all the SORs used for the products included in the declaration of scope,
- Supplier indicated they have not provided all applicable SOR information received,
- Supplier indicated all 3TG for products covered by the declaration originates from scrap/recycled sources, but one or more SORs listed are not known to be exclusive recyclers.

100% of suppliers were evaluated under rules mentioned above. The SORs information could not be received for 2 suppliers.

## Next Steps

Arçelik will continue to work intensively in 2024 to increase transparency throughout the supply chain to mitigate the risks and raise awareness. The RMI membership will continue to access information on smelters and refineries. Arçelik will work to guide the entire supply chain with the vision of "Respecting the World, Respected Worldwide".

For the next steps, Arçelik is moving towards eliminating non conformant SORs in the supply chain and providing all suppliers work with conformant SORs according to action plan which mentioned in “Improvements and Risk Mitigation Activities” chapter.

## Annex A – List of Smelters and Refiners (SORs)

- Conformant** : Audited and found conformant with the relevant RMAP standard.
- Active** : Engaged in the program but not yet conformant.
- Non-Conformant** : Audited but found not conformant with the relevant RMAP standard.
- Outreached Required** : Outreach needed by RMI member companies to contact entity and encourage their participation in RMAP audit.
- Communication Suspended** : Facility has strongly communicated a lack of interest in participation.
- In Communication** : Not yet active but in communication with RMAP and/or member company.
- RMI Due Diligence Review** : Unable to Proceed – facility has not met the threshold for the due diligence vetting process after a period of 6 months.

No. #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
1	Gold	CID000401	Dowa	Japan	Conformant	LR, HR, R/S
2	Gold	CID001188	Mitsubishi Materials Corporation	Japan	Conformant	LBMA Sourcing
3	Gold	CID000707	Heraeus Metals Hong Kong Ltd.	China	Conformant	LBMA Sourcing and RJC Sourcing
4	Gold	CID000920	Asahi Refining USA Inc.	U.S.A	Conformant	LBMA Sourcing
5	Gold	CID001622	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	China	Conformant	LBMA Sourcing
6	Gold	CID003529	Sancus ZFS (L'Orfebre, SA)	Colombia	Conformant	HR
7	Gold	CID001938	Tokuriki Honten Co., Ltd.	Japan	Conformant	LBMA Sourcing
8	Gold	CID003615	WEEEREFINING	France	Active	HR, LR, R/S,
9	Gold	CID000090	Asaka Riken Co., Ltd.	Japan	Conformant	R/S
10	Gold	CID003575	Metal Concentrators SA (Pty) Ltd.	South Africa	Conformant	RJC Sourcing
11	Gold	CID001736	Sichuan Tianze Precious Metals Co., Ltd.	China	Conformant	LBMA Sourcing
12	Gold	CID001955	Torecom	Korea	Conformant	LR, R/S
13	Gold	CID000689	LT Metal Ltd.	Korea	Conformant	LR, R/S
14	Gold	CID002919	Planta Recuperadora de Metales SpA	Chile	Conformant	LR
15	Gold	CID002516	Singway Technology Co., Ltd.	Taiwan	Non-Conformant	#N/A
16	Gold	CID000035	Agosi AG	Germany	Conformant	LBMA Sourcing and RJC Sourcing
17	Gold	CID000969	Kennecott Utah Copper LLC	U.S.A	Conformant	LBMA Sourcing
18	Gold	CID001498	PX Precinox S.A.	Switzerland	Conformant	LBMA Sourcing
19	Gold	CID001149	Metalor Technologies (Hong Kong) Ltd.	China	Conformant	LBMA Sourcing and RJC Sourcing
20	Gold	CID000981	Kojima Chemicals Co., Ltd.	Japan	Conformant	LR, R/S
21	Gold	CID001220	Nadir Metal Rafineri San. Ve Tic. A.S.	Turkey	Conformant	LBMA Sourcing

<b>No. #</b>	<b>Metal</b>	<b>Certificate ID</b>	<b>Name of Smelter or Refiner (SOR)</b>	<b>Location of SOR</b>	<b>RMAP Status**</b>	<b>Direct Sourcing***</b>
22	Gold	CID002615	TOO Tau-Ken-Altyn	Kazakhstan	Conformant	LBMA Sourcing
23	Gold	CID002763	8853 S.p.A.	Italy	Non-Conformant	#N/A
24	Gold	CID001152	Metalor Technologies (Singapore) Pte., Ltd.	Singapore	Conformant	LBMA Sourcing and RJC Sourcing
25	Gold	CID002100	Yamakin Co., Ltd.	Japan	Conformant	R/S
26	Gold	CID002605	Korea Zinc Co., Ltd.	Korea	Conformant	LR, R/S
27	Gold	CID001512	Rand Refinery (Pty) Ltd.	South Africa	Conformant	LBMA Sourcing
28	Gold	CID002314	Umicore Precious Metals Thailand	Thailand	Non-Conformant	#N/A
29	Gold	CID001147	Metalor Technologies (Suzhou) Ltd.	China	Conformant	LBMA Sourcing and RJC Sourcing
30	Gold	CID001397	PT Aneka Tambang (Persero) Tbk	Indonesia	Conformant	LBMA Sourcing
31	Gold	CID001761	Solar Applied Materials Technology Corp.	Taiwan	Conformant	LBMA Sourcing
32	Gold	CID001259	Nihon Material Co., Ltd.	Japan	Conformant	LBMA Sourcing
33	Gold	CID002129	Yokohama Metal Co., Ltd.	Japan	Conformant	R/S
34	Gold	CID003500	Alexy Metals	U.S.A	Conformant	#N/A
35	Gold	CID000113	Aurubis AG	Germany	Conformant	LBMA Sourcing
36	Gold	CID001153	Metalor Technologies S.A.	Switzerland	Conformant	LBMA Sourcing and RJC Sourcing
37	Gold	CID001980	Umicore S.A. Business Unit Precious Metals Refining	Belgium	Conformant	LBMA Sourcing
38	Gold	CID000128	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Philippines	Conformant	LBMA Sourcing
39	Gold	CID002582	REMONDIS PMR B.V.	Netherlands	Conformant	R/S
40	Gold	CID001157	Metalor USA Refining Corporation	U.S.A	Conformant	LBMA Sourcing and RJC Sourcing
41	Gold	CID000015	Advanced Chemical Company	U.S.A	Non-Conformant	#N/A
42	Gold	CID001078	LS-NIKKO Copper Inc.	Korea	Conformant	LBMA Sourcing
43	Gold	CID002459	Geib Refining Corporation	U.S.A	Conformant	R/S
44	Gold	CID001236	Navoi Mining and Metallurgical Combinat	Uzbekistan	Conformant	LBMA Sourcing
45	Gold	CID000157	Boliden AB	Sweden	Conformant	LBMA Sourcing
46	Gold	CID001161	Metalurgica Met-Mex Penoles S.A. De C.V.	Mexico	Conformant	LBMA Sourcing
47	Gold	CID001993	United Precious Metal Refining, Inc.	U.S.A	Conformant	R/S
48	Gold	CID000019	Aida Chemical Industries Co., Ltd.	Japan	Conformant	R/S, LBMA
49	Gold	CID000801	Inner Mongolia Qiankun Gold and Silver Refinery Share Co.,Ltd.	China	Conformant	LBMA Sourcing
50	Gold	CID000176	C. Hafner GmbH + Co. KG	Germany	Conformant	LBMA Sourcing and RJC Sourcing
51	Gold	CID001798	Sumitomo Metal Mining Co., Ltd.	Japan	Conformant	LBMA Sourcing
52	Gold	CID002224	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	China	Conformant	LBMA Sourcing
53	Gold	CID003421	C.I Metales Procesados Industriales SAS	Colombia	Active	#N/A
54	Gold	CID002560	Al Etihad Gold Refinery DMCC	UAE	Conformant	HR, R/S
55	Gold	CID000362	DODUCO Contacts and Refining GmbH	Germany	Not Applicable	#N/A
56	Gold	CID002003	Valcambi S.A.	Switzerland	Conformant	LBMA Sourcing and RJC Sourcing
57	Gold	CID002708	Abington Reldan Metals, LLC	U.S.A	Conformant	R/S



<b>No. #</b>	<b>Metal</b>	<b>Certificate ID</b>	<b>Name of Smelter or Refiner (SOR)</b>	<b>Location of SOR</b>	<b>RMAP Status**</b>	<b>Direct Sourcing***</b>
58	Gold	CID000807	Ishifuku Metal Industry Co., Ltd.	Japan	Conformant	LBMA Sourcing
59	Gold	CID002863	Bangalore Refinery	India	Conformant	#N/A
60	Gold	CID000185	CCR Refinery	Canada	Conformant	LBMA Sourcing
61	Gold	CID002918	SungEel HiMetal Co., Ltd.	Korea	Conformant	R/S
62	Gold	CID001534	Royal Canadian Mint	Canada	Conformant	LBMA Sourcing
63	Gold	CID002580	T.C.A S.p.A	Italy	Conformant	LBMA Sourcing
64	Gold	CID000189	Cendres + Metaux S.A.	Switzerland	Non-Conformant	#N/A
65	Gold	CID000264	Chugai Mining	Japan	Conformant	R/S
66	Gold	CID000814	Istanbul Gold Refinery	Turkey	Conformant	LBMA Sourcing
67	Gold	CID002030	Western Australian Mint (T/a The Perth Mint)	Australia	Conformant	LBMA Sourcing
68	Gold	CID002852	GGC Gujrat Gold Centre Pvt. Ltd.	India	Active	#N/A
69	Gold	CID000041	Almalyk Mining and Metallurgical Complex (AMMC)	Uzbekistan	Conformant	LBMA Sourcing
70	Gold	CID000425	Eco-System Recycling Co., Ltd. East Plant	Japan	Conformant	R/S
71	Gold	CID000711	Heraeus Germany GmbH Co. KG	Germany	Conformant	LR, R/S
72	Gold	CID002779	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	Austria	Conformant	RJC Sourcing
73	Gold	CID002765	Italpreziosi	Italy	Conformant	LBMA Sourcing and RJC Sourcing
74	Gold	CID002761	SAAMP	France	Conformant	#N/A
75	Gold	CID003424	Eco-System Recycling Co., Ltd. North Plant	Japan	Conformant	R/S
76	Gold	CID000359	DSC (Do Sung Corporation)	Korea	Conformant	R/S
77	Gold	CID001875	Tanaka Kikinzoku Kogyo K.K.	Japan	Conformant	LBMA Sourcing
78	Gold	CID001325	Ohura Precious Metal Industry Co., Ltd.	Japan	Conformant	R/S
79	Gold	CID002511	KGHM Polska Miedz Spolka Akcyjna	Poland	Conformant	LBMA Sourcing
80	Gold	CID000823	Japan Mint	Japan	Conformant	LBMA Sourcing
81	Gold	CID001113	Materion	U.S.A	Conformant	R/S
82	Gold	CID002973	Safimet S.p.A	Italy	Non-Conformant	#N/A
83	Gold	CID002778	WIELAND Edelmetalle GmbH	Germany	Conformant	R/S
84	Gold	CID003425	Eco-System Recycling Co., Ltd. West Plant	Japan	Conformant	R/S
85	Gold	CID000937	JX Nippon Mining & Metals Co., Ltd.	Japan	Conformant	LBMA Sourcing
86	Gold	CID000058	AngloGold Ashanti Corrego do Sitio Mineracao	Brazil	Conformant	LBMA Sourcing
87	Gold	CID001119	Matsuda Sangyo Co., Ltd.	Japan	Conformant	LBMA Sourcing
88	Gold	CID002290	SAFINA A.S.	Czechia	Conformant	R/S, LR
89	Gold	CID002762	L'Orfebre S.A.	Andorra	Conformant	R/S, HR
90	Gold	CID001555	Samduck Precious Metals	Korea	Non-Conformant	#N/A
91	Gold	CID000957	Kazzinc	Kazakhstan	Conformant	LBMA Sourcing
92	Gold	CID000077	Argor-Heraeus S.A.	Switzerland	Conformant	LBMA Sourcing and RJC Sourcing

<u>No. #</u>	<u>Metal</u>	<u>Certificate ID</u>	<u>Name of Smelter or Refiner (SOR)</u>	<u>Location of SOR</u>	<u>RMAP Status**</u>	<u>Direct Sourcing***</u>
93	Gold	CID003189	NH Recytech Company	Korea	Conformant	LR, R/S
94	Gold	CID001193	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	LBMA Sourcing
95	Gold	CID000694	Heimerle + Meule GmbH	Germany	Conformant	LBMA Sourcing
96	Gold	CID000082	Asahi Pretec Corp.	Japan	Conformant	LBMA Sourcing
97	Gold	CID002561	Emirates Gold DMCC	UAE	Conformant	#N/A
98	Gold	CID000855	Jiangxi Copper Co., Ltd.	China	Conformant	LBMA Sourcing
99	Gold	CID000233	Chimet S.p.A.	Italy	Conformant	LBMA Sourcing
100	Gold	CID003461	Augmont Enterprises Private Limited	India	Active	#N/A
101	Gold	CID001916	Shandong Gold Smelting Co., Ltd.	China	Conformant	LBMA Sourcing
102	Gold	CID002509	MMTC-PAMP India Pvt., Ltd.	India	Conformant	LBMA Sourcing
103	Gold	CID001585	SEMPSA Joyeria Plateria S.A.	Spain	Conformant	LBMA Sourcing
104	Gold	CID000924	Asahi Refining Canada Ltd.	Canada	Conformant	LBMA Sourcing
105	Gold	CID002243	Gold Refinery of Zijin Mining Group Co., Ltd.	China	Conformant	LBMA Sourcing
106	Gold	CID000493	OJSC Novosibirsk Refinery	Russia	RMI Due Diligence	#N/A
107	Gold	CID000929	JSC Uralelectromed	Russia	RMI Due Diligence	#N/A
108	Gold	CID001029	Kyrgyzaltyn JSC	Kyrgyzstan	Non-Conformant	#N/A
109	Gold	CID001204	Moscow Special Alloys Processing Plant	Russia	RMI Due Diligence	#N/A
110	Gold	CID001326	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant"	Russia	RMI Due Diligence	#N/A
111	Gold	CID001352	PAMP S.A.	Switzerland	Conformant	LBMA Sourcing
112	Gold	CID001386	Prioksky Plant of Non-Ferrous Metals	Russia	RMI Due Diligence	#N/A
113	Gold	CID001756	SOE Shyolkovsky Factory of Secondary Precious Metals	Russia	RMI Due Diligence	#N/A
114	Gold	CID002606	Marsam Metals	Brazil	Non-Conformant	#N/A
115	Gold	CID002777	SAXONIA Edelmetalle GmbH	Germany	Not Applicable	#N/A
116	Gold	CID002850	AU Traders and Refiners	South Africa	Non-Conformant	#N/A
117	Gold	CID000522	Refinery of Seemine Gold Co., Ltd.	China	Outreach Req.	#N/A
118	Gold	CID000671	Hangzhou Fuchunjiang Smelting Co., Ltd.	China	Outreach Req.	#N/A
119	Gold	CID000767	Hunan Chenzhou Mining Group Co., Ltd.	China	Outreach Req.	#N/A
120	Gold	CID000773	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	China	Outreach Req.	#N/A
121	Gold	CID001056	Lingbao Gold Co., Ltd.	China	Outreach Req.	#N/A
122	Gold	CID001058	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	China	Outreach Req.	#N/A
123	Gold	CID001093	Luoyang Zijin Yinhuai Gold Smelting	China	Outreach Req.	#N/A
124	Gold	CID001362	Penglai Penggang Gold Industry Co., Ltd.	China	Outreach Req.	#N/A
125	Gold	CID001619	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	China	Outreach Req.	#N/A
126	Gold	CID001909	Great Wall Precious Metals Co., LTD.	China	Outreach Req.	#N/A
127	Gold	CID001947	Tongling Nonferrous Metals Group Co., Ltd.	China	Outreach Req.	#N/A
128	Gold	CID002312	Guangdong Jinding Gold Limited	China	Outreach Req.	#N/A

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129	Gold	CID002525	Shandong Humon Smelting Co., Ltd.	China	Outreach Req.	#N/A
130	Gold	CID002867	Degussa Sonne	Germany	Outreach Req.	#N/A
131	Gold	CID002853	Sai Refinery	India	Outreach Req.	#N/A
132	Gold	CID003382	CGR Metalloys Pvt Ltd.	India	Outreach Req.	#N/A
133	Gold	CID003383	Sovereign Metals	India	Outreach Req.	#N/A
134	Gold	CID000956	Kazakhmys Smelting LLC	Kazakhstan	In Communication	#N/A
135	Gold	CID000778	HwaSeong CJ CO., LTD.	Korea	Comm. Suspended	#N/A
136	Gold	CID001562	Samwon Metals Corp.	Korea	Comm. Suspended	#N/A
137	Gold	CID003153	State Research Institute Center for Physical Sciences and Technolo	Lithuania	Outreach Req.	#N/A
138	Gold	CID000180	Caridad	Mexico	Outreach Req.	#N/A
139	Gold	CID002282	Morris and Watson	New Zealand	In Communication	#N/A
140	Gold	CID002865	Kyshtym Copper-Electrolytic Plant ZAO	Russia	RMI Due Diligence	#N/A
141	Gold	CID002562	International Precious Metal Refiners	UAE	In Communication	#N/A
142	Gold	CID002584	Fujairah Gold FZC	UAE	Outreach Req.	#N/A
143	Gold	CID003348	Dijllah Gold Refinery FZC	UAE	Outreach Req.	#N/A
144	Gold	CID001546	Sabin Metal Corp.	U.S.A	Comm. Suspended	#N/A
145	Gold	CID002872	Pease & Curren	U.S.A	Comm. Suspended	#N/A
146	Gold	CID003324	QG Refining, LLC	U.S.A	Outreach Req.	#N/A
147	Gold	CID000343	Daye Non-Ferrous Metals Mining Ltd.	China	In Communication	#N/A
148	Gold	CID000103	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	Turkey	Outreach Req.	#N/A
149	Gold	CID000197	Yunnan Copper Industry Co., Ltd.	China	Outreach Req.	#N/A
150	Gold	CID000651	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	China	Outreach Req.	#N/A
151	Gold	CID000927	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	Russia	RMI Due Diligence	#N/A
152	Gold	CID001032	L'azurde Company For Jewelry	Saudi Arabia	RMI Due Diligence	#N/A
153	Gold	CID001810	Super Dragon Technology Co., Ltd.	Taiwan	Outreach Req.	#N/A
154	Gold	CID002515	Fidelity Printers and Refiners Ltd.	Zimbabwe	RMI Due Diligence	#N/A
155	Gold	CID002527	Shenzhen Zhonghenglong Real Industry Co., Ltd.	China	Outreach Req.	#N/A
156	Gold	CID002563	Kaloti Precious Metals	UAE	RMI Due Diligence	#N/A
157	Gold	CID002567	Sudan Gold Refinery	Sudan	Outreach Req.	#N/A
158	Gold	CID002587	Industrial Refining Company	Belgium	Non-Conformant	#N/A
159	Gold	CID002588	Shirpur Gold Refinery Ltd.	India	Outreach Req.	#N/A
160	Gold	CID002857	Modeltech Sdn Bhd	Malaysia	Non-Conformant	#N/A
161	Gold	CID002893	JALAN & Company	India	Outreach Req.	#N/A
162	Gold	CID003185	African Gold Refinery	Uganda	RMI Due Diligence	#N/A
163	Gold	CID003186	Gold Coast Refinery	Ghana	Outreach Req.	#N/A

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164	Gold	CID003463	Kundan Care Products Ltd.	India	In Communication	#N/A
165	Gold	CID003487	Emerald Jewel Industry India Limited (Unit 1)	India	In Communication	#N/A
166	Gold	CID003489	Emerald Jewel Industry India Limited (Unit 3)	India	In Communication	#N/A
167	Gold	CID003490	Emerald Jewel Industry India Limited (Unit 4)	India	In Communication	#N/A
168	Gold	CID003497	K.A. Rasmussen	Norway	Outreach Req.	#N/A
169	Gold	CID003540	Sellem Industries Ltd.	Mauritania	Comm. Suspended	#N/A
170	Gold	CID003548	MD Overseas	India	In Communication	#N/A
171	Gold	CID003557	Metallix Refining Inc.	U.S.A	In Communication	#N/A
172	Gold	CID002920	ABC Refinery Pty Ltd.	Andorra	Outreach Req.	#N/A
173	Gold	CID003663	Dongwu Gold Group	China	Outreach Req.	#N/A
174	Gold	CID003488	Emerald Jewel Industry India Limited (Unit 2)	India	In Communication	#N/A
175	Gold	CID003641	Gold by Gold Colombia	Colombia	Conformant	HR, R/S
176	Gold	CID002750	Shenzhen CuiLu Gold Co., Ltd.	China	Outreach Req.	#N/A
177	Gold	CID003617	Value Trading	Belgium	Not Applicable	#N/A
178	Gold	CID002760	Albino Mountinho Lda.	Portugal	Outreach Req.	#N/A
179	Tin	CID001182	Minsur	Peru	Conformant	LR
180	Tin	CID003449	PT Mitra Sukses Globalindo	Indonesia	Conformant	LR
181	Tin	CID001458	PT Prima Timah Utama	Indonesia	Conformant	LR
182	Tin	CID003381	PT Rajawali Rimba Perkasa	Indonesia	Conformant	LR
183	Tin	CID001460	PT Refined Bangka Tin	Indonesia	Conformant	LR
184	Tin	CID001463	PT Sariwiguna Binasentosa	Indonesia	Conformant	LR
185	Tin	CID001468	PT Stanindo Inti Perkasa	Indonesia	Conformant	LR
186	Tin	CID001486	PT Timah Nusantara	Indonesia	Active	LR
187	Tin	CID001477	PT Timah Tbk Kundur	Indonesia	Conformant	LR
188	Tin	CID001482	PT Timah Tbk Mentok	Indonesia	Conformant	LR
189	Tin	CID001490	PT Tinindo Inter Nusa	Indonesia	Active	LR
190	Tin	CID002706	Resind Industria e Comercio Ltda.	Brazil	Conformant	HR
191	Tin	CID001539	Rui Da Hung	Taiwan	Conformant	LR, R/S
192	Tin	CID001758	Soft Metais Ltda.	Brazil	Outreach Req.	#N/A
193	Tin	CID002834	Thai Nguyen Mining and Metallurgy Co., Ltd.	Vietnam	Conformant	#N/A
194	Tin	CID003325	Tin Technology & Refining	U.S.A	Conformant	R/S
195	Tin	CID002036	White Solder Metalurgia e Mineracao Ltda.	Brazil	Conformant	DRC, HR, LR
196	Tin	CID002158	Yunnan Chengfeng	China	Conformant	LR
197	Tin	CID000292	Alpha	U.S.A	Conformant	LR, R/S
198	Tin	CID000228	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	China	Conformant	LR, R/S
199	Tin	CID003190	Chifeng Dajingzi Tin Industry Co., Ltd.	China	Conformant	R/S

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200	Tin	CID001070	China Tin Group Co., Ltd.	China	Conformant	LR
201	Tin	CID003524	CRM Synergies	Spain	Conformant	R/S
202	Tin	CID002455	CV Venus Inti Perkasa	Indonesia	Conformant	LR
203	Tin	CID000402	Dowa	Japan	Conformant	R/S
204	Tin	CID000438	EM Vinto	Bolivia	Conformant	LR
205	Tin	CID003582	Fabrica Auricchio	Brazil	Conformant	LR
206	Tin	CID000468	Fenix Metals	Poland	Conformant	LR, R/S
207	Tin	CID000538	Gejiu Non-Ferrous Metal Processing Co., Ltd.	China	Conformant	LR
208	Tin	CID000555	Gejiu Zili Mining And Metallurgy Co., Ltd.	China	Non-Conformant	#N/A
209	Tin	CID003116	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	China	Conformant	LR, R/S
210	Tin	CID002844	HuiChang Hill Tin Industry Co., Ltd.	China	Conformant	LR
211	Tin	CID001231	Jiangxi New Nanshan Technology Ltd.	China	Conformant	LR, R/S
212	Tin	CID003387	Luna Smelter, Ltd.	Rwanda	Conformant	HR, CC
213	Tin	CID003379	Ma'anshan Weitai Tin Co., Ltd.	China	Conformant	#N/A
214	Tin	CID002468	Magnu's Minerai's Metais e Ligas Ltda.	Brazil	Conformant	LR, R/S
215	Tin	CID001105	Malaysia Smelting Corporation (MSC)	Malaysia	Conformant	LR, HR, CC, DRC, R/S
216	Tin	CID001142	Metallic Resources, Inc.	U.S.A	Conformant	LR, R/S
217	Tin	CID002773	Metallo Belgium N.V.	Belgium	Conformant	LR, R/S
218	Tin	CID002774	Metallo Spain S.L.U.	Spain	Conformant	R/S, LR
219	Tin	CID001173	Mineracao Taboca S.A.	Brazil	Conformant	LR
220	Tin	CID001191	Mitsubishi Materials Corporation	Japan	Conformant	R/S
221	Tin	CID001314	O.M. Manufacturing (Thailand) Co., Ltd.	Thailand	Conformant	R/S
222	Tin	CID002517	O.M. Manufacturing Philippines, Inc.	Philippines	Conformant	R/S
223	Tin	CID001337	Operaciones Metalurgicas S.A.	Bolivia	Conformant	LR
224	Tin	CID000309	PT Aries Kencana Sejahtera	Indonesia	Conformant	LR
225	Tin	CID001399	PT Artha Cipta Langgeng	Indonesia	Conformant	LR
226	Tin	CID002503	PT ATD Makmur Mandiri Jaya	Indonesia	Conformant	LR
227	Tin	CID001402	PT Babel Inti Perkasa	Indonesia	Conformant	LR
228	Tin	CID001406	PT Babel Surya Alam Lestari	Indonesia	Conformant	LR
229	Tin	CID003205	PT Bangka Serumpun	Indonesia	Conformant	LR
230	Tin	CID001428	PT Bukit Timah	Indonesia	Conformant	LR
231	Tin	CID002696	PT Cipta Persada Mulia	Indonesia	Conformant	LR
232	Tin	CID002835	PT Menara Cipta Mulia	Indonesia	Conformant	LR
233	Tin	CID001453	PT Mitra Stania Prima	Indonesia	Conformant	LR
234	Tin	CID001898	Thaisarco	Thailand	Conformant	LR, CC, HR, DRC, R/S
235	Tin	CID002180	Tin Smelting Branch of Yunnan Tin Co., Ltd.	China	Conformant	LR, HR, DRC, R/S

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236	Tin	CID003486	CRM Fundicao De Metais E Com. De Equipa. Eletr. Do Brasil Ltda	Brazil	Conformant	R/S
237	Tin	CID001493	PT Tommy Utama	Indonesia	Conformant	LR
238	Tin	CID003868	PT Putera Sarana Shakti (PT PSS)	Indonesia	Conformant	LR
239	Tin	CID000448	Estanho de Rondonia S.A.	Brazil	Conformant	LR
240	Tin	CID001421	PT Belitung Industri Sejahtera	Indonesia	Active	#N/A
241	Tin	CID002756	Super Ligas	Brazil	Active	LR
242	Tin	CID002816	PT Sukses Inti Makmur	Indonesia	Conformant	LR
243	Tin	CID003356	Dongguan CiEXPO Environmental Engineering Co., Ltd.	China	Non-Conformant	#N/A
244	Tin	CID000942	Gejiu Kai Meng Industry and Trade LLC	China	Non-Conformant	#N/A
245	Tin	CID001908	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	China	Non-Conformant	#N/A
246	Tin	CID002500	Melt Metais e Ligas S.A.	Brazil	Non-Conformant	#N/A
247	Tin	CID003397	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	China	Active	LR
248	Tin	CID003208	Pongpipat Company Limited	Myanmar	Outreach Req.	#N/A
249	Tin	CID003410	Gejiu City Fuxiang Industry and Trade Co., Ltd.	China	Outreach Req.	#N/A
250	Tin	CID001457	PT Panca Mega Persada	Indonesia	In Communication	#N/A
251	Tin	CID002015	VQB Mineral and Trading Group JSC	Vietnam	Outreach Req.	#N/A
252	Tin	CID003380	PT Masbro Alam Stania	Indonesia	Not Applicable	#N/A
253	Tin	CID002703	An Vinh Joint Stock Mineral Processing Company	Vietnam	Outreach Req.	#N/A
254	Tin	CID002572	Electro-Mech. Facility of the Cao Bang Min.&Metall. Joint Stock Co	Vietnam	Non-Conformant	#N/A
255	Tin	CID002573	Nghe Tinh Non-Ferrous Metals Joint Stock Company	Vietnam	Outreach Req.	#N/A
256	Tin	CID003409	Precious Minerals and Smelting Limited	India	Active	#N/A
257	Tin	CID002574	Tuyen Quang Non-Ferrous Metals Joint Stock Company	Vietnam	Outreach Req.	#N/A
258	Tin	CID003831	DS Myanmar	Myanmar	Conformant	LR, HR, DRC
259	Tin	CID001305	Novosibirsk Processing Plant Ltd.	Russia	RMI Due Diligence	#N/A
260	Tin	CID002478	PT Tirus Putra Mandiri	Indonesia	In Communication	#N/A
261	Tin	CID002858	Modeltech Sdn Bhd	Malaysia	Non-Conformant	#N/A
262	Tantal	CID000616	XIMEI RESOURCES (GUANGDONG) LIMITED	China	Conformant	LR, HR, CC, DRC
263	Tantal	CID000460	F&X Electro-Materials Ltd.	China	Conformant	LR, HR, CC, DRC
264	Tantal	CID001163	Metallurgical Products India Pvt., Ltd.	India	Conformant	LR, R/S
265	Tantal	CID002505	FIR Metals & Resource Ltd.	China	Conformant	LR, R/S
266	Tantal	CID001969	Ulba Metallurgical Plant JSC	Kazakhstan	Conformant	HR, DRC, R/S
267	Tantal	CID002508	XinXing HaoRong Electronic Material Co., Ltd.	China	Conformant	HR
268	Tantal	CID001508	QuantumClean	U.S.A	Conformant	R/S
269	Tantal	CID002842	Jiangxi Tuohong New Raw Material	China	Conformant	LR
270	Tantal	CID001277	Ningxia Orient Tantalum Industry Co., Ltd.	China	Conformant	LR, HR, DRC, CC
271	Tantal	CID002547	H.C. Starck Hermsdorf GmbH	Germany	Conformant	#N/A



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272	Tantal	CID002504	D Block Metals, LLC	U.S.A	Conformant	R/S, LR
273	Tantal	CID001200	NPM Silmet AS	Estonia	Conformant	R/S, LR
274	Tantal	CID002707	Resind Industria e Comercio Ltda.	Brazil	Conformant	HR
275	Tantal	CID000914	Jiujiang JinXin Nonferrous Metals Co., Ltd.	China	Conformant	LR, HR, DRC, CC
276	Tantal	CID000917	Jiujiang Tanbre Co., Ltd.	China	Conformant	DRC, HR, R/S, LR, CC
277	Tantal	CID001175	Mineracao Taboca S.A.	Brazil	Conformant	LR
278	Tantal	CID002544	TANIOBIS Co., Ltd.	Thailand	Conformant	LR, CC, DRC, HR, R/S
279	Tantal	CID001522	Yanling Jincheng Tantalum & Niobium Co., Ltd.	China	Conformant	LR
280	Tantal	CID002506	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	China	Conformant	DRC,HR,CC
281	Tantal	CID001869	Taki Chemical Co., Ltd.	Japan	Conformant	R/S
282	Tantal	CID000211	Changsha South Tantalum Niobium Co., Ltd.	China	Active	#N/A
283	Tantal	CID002545	TANIOBIS GmbH	Germany	Conformant	LR, CC, DRC, HR, R/S
284	Tantal	CID002549	TANIOBIS Japan Co., Ltd.	Japan	Conformant	LR
285	Tantal	CID001076	AMG Brasil	Brazil	Conformant	LR, HR
286	Tantal	CID002558	Global Advanced Metals Aizu	Japan	Conformant	R/S,
287	Tantal	CID001192	Mitsui Mining & Smelting	Japan	Conformant	HR, CC, R/S
288	Tantal	CID002539	KEMET de Mexico	Mexico	Conformant	LR, R/S
289	Tantal	CID001891	Telex Metals	U.S.A	Conformant	LR, R/S
290	Tantal	CID002550	TANIOBIS Smelting GmbH & Co. KG	Germany	Conformant	LR, R/S
291	Tantal	CID002557	Global Advanced Metals Boyertown	U.S.A	Conformant	DRC, CC, HR, LR, R/S
292	Tantal	CID002492	Hengyang King Xing Lifeng New Materials Co., Ltd.	China	Conformant	LR, HR, CC
293	Tantal	CID002512	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	China	Conformant	LR
294	Tantal	CID000456	Exotech Inc.	U.S.A	Outreach Req.	#N/A
295	Tantal	CID001769	Solikamsk Magnesium Works OAO	Russia	RMI Due Diligence	#N/A
296	Tantal	CID002548	H.C. Starck Inc.	U.S.A	Conformant	LR, R/S
297	Tantal	CID003583	RFH Yancheng Jinye New Material Technology Co., Ltd.	China	Conformant	LR
298	Tantal	CID003926	5D Production OU	Estonia	Outreach Req.	#N/A
299	Tungsten	CID000966	Kennametal Fallon	U.S.A	Conformant	TI-CMC Sourcing
300	Tungsten	CID002082	Xiamen Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
301	Tungsten	CID002321	Jiangxi Gan Bei Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
302	Tungsten	CID000258	Chongyi Zhangyuan Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
303	Tungsten	CID002827	Philippine Chuangxin Industrial Co., Inc.	Philippines	Conformant	TI-CMC Sourcing
304	Tungsten	CID002830	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	China	Conformant	#N/A
305	Tungsten	CID000004	A.L.M.T. Corp.	Japan	Conformant	TI-CMC Sourcing
306	Tungsten	CID000105	Kennametal Huntsville	U.S.A	Conformant	TI-CMC Sourcing
307	Tungsten	CID002645	Ganzhou Haichuang Tungsten Co., Ltd.	China	Conformant	LR

<b>No. #</b>	<b>Metal</b>	<b>Certificate ID</b>	<b>Name of Smelter or Refiner (SOR)</b>	<b>Location of SOR</b>	<b>RMAP Status**</b>	<b>Direct Sourcing***</b>
308	Tungsten	CID002641	China Molybdenum Tungsten Co., Ltd.	China	Conformant	LR
309	Tungsten	CID000218	Guangdong Xianglu Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
310	Tungsten	CID002502	Asia Tungsten Products Vietnam Ltd.	Vietnam	Conformant	HR, DRC, CC, R/S
311	Tungsten	CID003468	Cronimet Brasil Ltda	Brazil	Conformant	LR
312	Tungsten	CID002318	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	China	Conformant	TI-CMC Sourcing
313	Tungsten	CID002589	Niagara Refining LLC	U.S.A	Conformant	TI-CMC Sourcing
314	Tungsten	CID000766	Hunan Chenzhou Mining Co., Ltd.	China	Conformant	LR
315	Tungsten	CID000875	Ganzhou Huaxing Tungsten Products Co., Ltd.	China	Conformant	#N/A
316	Tungsten	CID002315	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
317	Tungsten	CID002317	Jiangxi Xinheng Tungsten Industry Co., Ltd.	China	Conformant	TI-CMC Sourcing
318	Tungsten	CID002833	ACL Metais Eireli	Brazil	Non-Conformant	#N/A
319	Tungsten	CID002494	Ganzhou Seadragon W & Mo Co., Ltd.	China	Conformant	TI-CMC Sourcing
320	Tungsten	CID002316	Jiangxi Yaosheng Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
321	Tungsten	CID003388	KGETS Co., Ltd.	Korea	Conformant	#N/A
322	Tungsten	CID002319	Malipo Haiyu Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
323	Tungsten	CID002541	H.C. Starck Tungsten GmbH	Germany	Conformant	TI-CMC Sourcing
324	Tungsten	CID002542	TANIOBIS Smelting GmbH & Co. KG	Germany	Conformant	LR
325	Tungsten	CID000825	Japan New Metals Co., Ltd.	Japan	Conformant	TI-CMC Sourcing
326	Tungsten	CID002044	Wolfram Bergbau und Hutten AG	Austria	Conformant	CC; R/S, TI-CMC Sourcing
327	Tungsten	CID003401	Fujian Ganmin RareMetal Co., Ltd.	China	Conformant	#N/A
328	Tungsten	CID002551	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	China	Conformant	TI-CMC Sourcing
329	Tungsten	CID002543	Masan High-Tech Materials	Vietnam	Conformant	DRC, CC; TI-CMC Sourcing
330	Tungsten	CID003407	Lianyou Metals Co., Ltd.	Taiwan	Conformant	R/S
331	Tungsten	CID000568	Global Tungsten & Powders Corp.	U.S.A	Conformant	CC, DRC; TI-CMC Sourcing
332	Tungsten	CID002320	Xiamen Tungsten (H.C.) Co., Ltd.	China	Conformant	TI-CMC Sourcing
333	Tungsten	CID003417	GEM Co., Ltd.	China	Conformant	R/S
334	Tungsten	CID000769	Hunan Chunchang Nonferrous Metals Co., Ltd.	China	Non-Conformant	#N/A
335	Tungsten	CID002513	Chenzhou Diamond Tungsten Products Co., Ltd.	China	Conformant	TI-CMC Sourcing
336	Tungsten	CID002649	Hydrometallurg, JSC	Russia	RMI Due Diligence	#N/A
337	Tungsten	CID002724	Unecha Refractory metals plant	Russia	Non-Conformant	#N/A
338	Tungsten	CID002845	Moliren Ltd.	Russia	RMI Due Diligence	#N/A
339	Tungsten	CID003408	JSC "Kirovgrad Hard Alloys Plant"	Russia	RMI Due Diligence	#N/A
340	Tungsten	CID002313	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	China	Comm. Suspended	#N/A
341	Tungsten	CID000281	CNMC (Guangxi) PGMA Co., Ltd.	China	Outreach Req.	#N/A
342	Tungsten	CID003609	Fujian Xinlu Tungsten	China	Conformant	TI-CMC Sourcing
343	Tungsten	CID003416	NPP Tyazhmetprom LLC	Russia	RMI Due Diligence	#N/A



<u>No. #</u>	<u>Metal</u>	<u>Certificate ID</u>	<u>Name of Smelter or Refiner (SOR)</u>	<u>Location of SOR</u>	<u>RMAP Status**</u>	<u>Direct Sourcing***</u>
344	Tungsten	CID003427	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	Brazil	Non-Conformant	#N/A
345	Tungsten	CID003553	Artek LLC	Russia	RMI Due Diligence	#N/A
346	Tungsten	CID003612	OOO "Technolom" 2	Russia	RMI Due Diligence	#N/A
347	Tungsten	CID003614	OOO "Technolom" 1	Russia	RMI Due Diligence	#N/A
348	Tungsten	CID003643	LLC Vostok	Russia	RMI Due Diligence	#N/A
349	Tungsten	CID003662	YUDU ANSHENG TUNGSTEN CO., LTD.	China	Outreach Req.	#N/A
350	Tungsten	CID003978	HANNAE FOR T Co., Ltd.	Korea	Outreach Req.	#N/A

\* Temporarily Ceased Operations – Temporarily closed but information suggests it may re-open in the future.

\*\* This list includes the names and mineral sourcing for smelters and refiners that are Conformant with the Responsible Minerals Assurance Process (RMAP) Standards. These smelters and refiners have been validated by a third-party auditor. RMAP auditors substantiate materials by reviewing documents in accordance with the requirements specified in the standards. It is the auditor's discretion to validate receipts until reasonable assurance has been achieved. Auditors use a sampling approach for materials for which there are no OECD red flags in the supply chain. 100% of material receipts are reviewed for materials in supply chains where red flags are identified. The information provided herein represents the mineral origin where the minerals originate from a conflict-affected or high-risk area. For conformant smelters from RJC or LBMA, the sourcing has been confirmed by auditors of those programs.

### \*\*\* DATA KEY

**L1:** Level 1 countries are not identified as conflict regions or plausible areas of smuggling or export from the DRC and its nine adjoining countries.

**L2:** Level 2 countries are known or plausible countries for smuggling, export out of region or transit of materials containing tantalum, tin, tungsten, or gold.

**CC:** Covered countries are the 9 countries adjoining the Democratic Republic of Congo.

**DRC:** The Democratic Republic of Congo

**Low Risk (LR):** Countries identified by smelters and refiners as low-risk. Those marked with an \*\* have been disclosed by some smelters to be low-risk but disclosed by other smelters to be high-risk.

**High Risk (HR):** Countries identified by smelters and refiners as Conflict-Affected and High-Risk (HR). Those marked with an \*\* have been disclosed by some smelters to be low-risk but disclosed by other smelters to be high-risk.

**Recycled Scrap (R/S):** Secondary sources of material (non-mined) Gold only: Those followed by (HR) have been disclosed by refiners to be high-risk. Those followed with an \*\* have been disclosed by some refiners to be low-risk but disclosed by other refiners to be high-risk.

**Known Countries from which Conformant Gold Refiners Source**

<b>LR</b>	Benin, Brazil**, Canada, Chile, Ghana**, Guinea**, Guyana, Papua New Guinea, Peru**, Philippines, South Africa, Korea, Republic of, Sweden, Uzbekistan
<b>HR</b>	Bolivia (Plurinational State of), Brazil**, Colombia, Ghana**, Guinea**, Nicaragua, Niger, Peru**, Tanzania, Zimbabwe
<b>R/S</b>	Andorra, Antigua and Barbuda, Australia, Austria, Bahamas, Barbados, Belgium, Beralus, Benin, Bosnia and Herzegovina, Brazil**, Bulgaria, Burkina Faso (HR), Canada, Cameroon (HR), Cayman Islands**, Chile**, China**, Chinese Taipei, Colombia**, Costa Rica, Côte d'Ivoire, Curacao, Czech Republic, Denmark, Dominican Republic**, Egypt**, El Salvador (HR), France, Germany, Greece, Grenada, Guatemala (HR), Honduras (HR), Hong Kong**, Hungary, India**, Indonesia**, Ireland, Israel**, Italy **, Japan, Jordan, Kuwait, Lithuania, Luxembourg, Malaysia**, Mali (HR), Mexico**, Netherlands, New Zealand, Nigeria (HR), Niger (HR), Oman, Panama**, Peru, Philippines**, Poland, Portugal, Puerto Rico (HR), Romania, Saint Kitts and Nevis, Serbia, Senegal, Singapore**, Sint Maarten, Slovakia, Slovenia, South Africa, Korea, Republic of, Spain, St Vincent and Grenadines, Sweden, Switzerland, Thailand**, Trinidad and Tobago, Turkey (HR), Turks and Caicos, United Arab Emirates**, United Kingdom**, United States of America, Uruguay, Uzbekistan, Vietnam

**Known Countries from which LBMA Good Delivery List Refiners Source - Mined Material (Provided by LBMA)**

<b>All COI</b>	Argentina, Australia, Azerbaijan, Bolivia (Plurinational State of), Botswana, Brazil, Burkina Faso, Cambodia, Canada, Chile, China, Colombia, Côte d'Ivoire, Dominican Republic, Ecuador, Egypt, Fiji, Finland, Georgia, Ghana, Guatemala, Guinea, Guyana, Honduras, Indonesia, Japan, Kazakhstan, Kenya, Korea, Republic of, Kyrgyzstan, Lao People's Democratic Republic, Liberia, Mali, Mauritania, Mexico, Mongolia, Morocco, Namibia, New Zealand, Nicaragua, Niger, Oman, Panama, Papua New Guinea, Peru, Philippines, Russia, Saudi Arabia, Senegal, Serbia, Sweden, South Africa, Spain, Sudan, Suriname, Turkey, United States of America, Uzbekistan
<b>CC</b>	Tanzania, Zambia
<b>DRC</b>	Congo, Democratic Republic of the

### **Known Countries from which LBMA Good Delivery List Refiners Source - Recycled Material (Provided by LBMA)**

<b>All COI</b>	Algeria, Andorra, Argentina, Australia, Austria, Bangladesh, Belarus, Belgium, Bolivia (Plurinational State of), Bosnia and Herzegovina, Brazil, Bulgaria, Canada, Chile, China, Chinese Taipei, Colombia, Croatia, Cyprus, Czech Republic, Denmark, Ecuador, Egypt, Estonia, Finland, France, Georgia, Germany, Ghana, Greece, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Korea, Republic of, Kyrgyzstan, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Macao, Malaysia, Malta, Mauritius, Mexico, Monaco, Morocco, Namibia, Netherlands, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Portugal, Puerto Rico, Romania, Russia, Saudi Arabia, Serbia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Tajikistan, Thailand, Trinidad and Tobago, Tunisia, Turkey, Ukraine, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United States of America, Uruguay, Uzbekistan, Viet Nam
<b>CC</b>	Tanzania
<b>DRC</b>	Congo, Democratic Republic of the

### **Known Countries from which RJC Refiners Source - Mined Material (Provided by RJC)**

<b>All COI</b>	Argentina, Azerbaijan, Brazil, Burkina Faso, Canada, Chile, Colombia, Ivory Coast (Côte d'Ivoire), Dominican Republic, Ecuador, Finland, Guinea, French Guiana, Guyana, Ghana, Lao People's Democratic Republic, Liberia, Mali, Malaysia, Mexico, Morocco, Mozambique, Nicaragua, Niger, Papua New Guinea, Panama, Peru, Philippines, Saudi Arabia, South Africa, Spain, Sudan, Suriname, United States of America
<b>CC</b>	Tanzania

### **Known Countries from which Conformant Tantalum Smelters Source (Please refer to the Data Key above for descriptions of each RCOI designation.)**

<b>CC</b>	<b>Rwanda, Burundi</b>
<b>DRC</b>	Congo, Democratic Republic of the
<b>LR</b>	Australia, Brazil**, China, Ethiopia**, France, Madagascar, Mozambique**, Nigeria**, Sierra Leone, Spain
<b>HR</b>	Brazil**, Burundi, Congo, Democratic Republic of the, Ethiopia**, Nigeria**, Rwanda, Mozambique**
<b>R/S</b>	Belarus, Canada, China, Chinese Taipei, Czech Republic, El Salvador, Estonia, France, Germany, Hong Kong, India, Indonesia, Israel, Ireland, Japan, Mexico, Russia, Singapore, Korea, Republic of, Thailand, United Kingdom of Great Britain and Northern Ireland, United States of America

**Known Countries from which Conformant Tin Smelters Source (Please refer to the Data Key above for descriptions of each RCOI designation.)**

<b>CC</b>	<b>Burundi, Rwanda, Tanzania</b>
<b>DRC</b>	Congo, Democratic Republic of the
<b>LR</b>	Australia, Bolivia**, Brazil**, China, Indonesia**, Laos, Malaysia, Mongolia, Myanmar**, Peru, Russia**, Spain, United Kingdom, Vietnam
<b>HR</b>	Bolivia**, Brazil**, Burundi, Congo, Democratic Republic of the, Indonesia**, Myanmar**, Nigeria, Rwanda, Tanzania, Thailand
<b>R/S</b>	Argentina, Australia, Austria, Bangladesh, Belarus, Belgium, Brazil, Bulgaria, Canada, Chile, China, Chinese Taipei, Cyprus, Croatia, Czech Republic, Denmark, Egypt, Finland, France, Germany, Greece, Honduras, Hong Kong, Hungary, India, Indonesia, Ireland, Israel, Italy, Japan, Jordan, Latvia, Lithuania, Luxembourg, Malaysia, Malta, Mexico, Morocco, Netherlands, New Zealand, Nigeria, Pakistan, Peru, Philippines, Poland, Portugal, Puerto Rico, Romania, Russia, Saudi Arabia, Serbia, Singapore, Slovakia, Slovenia, South Africa, Korea, Republic of, Spain, Sweden, Switzerland, Thailand, Tunisia, Turkey, United Arab Emirates, United Kingdom, United States of America, Uruguay

**Known Countries from which Conformant Tungsten Industry-Conflict Minerals Council (TI-CMC) Smelters Source - Mined Material (Provided by TI-CMC) (Please refer to the Data Key above for descriptions of each RCOI designation.)**

<b>All COI</b>	Australia, Austria, Bolivia, Brazil, China, Kazakhstan, Kyrgyzstan, Malaysia, Mexico, Mongolia, Myanmar, Nigeria, Peru, Portugal, Russia, Spain, Thailand, United Kingdom of Great Britain and Northern Ireland, United States of America, Vietnam, Zimbabwe
<b>CC</b>	Burundi, Rwanda, Uganda, Tanzania
<b>DRC</b>	Congo, Democratic Republic of the

**Known Countries from which Conformant Tungsten Smelters Source**

<b>CC</b>	Burundi, Rwanda, Tanzania
<b>DRC</b>	Congo, Democratic Republic of the
<b>LR</b>	China, Brazil, Vietnam, Bolivia
<b>HR</b>	Rwanda, Congo, Democratic Republic of the, Myanmar
<b>R/S</b>	Brazil, China, Chinese Taipei, China, Germany, India, Ireland, Israel, Japan, Malaysia, Netherlands, Korea, Republic of, Singapore, Thailand, Turkey, United States of America, Vietnam

## ANNEX B – County of Origin Information

Countries of Origin below is an aggregated list of countries of origin, to the extent known, from which the SORs listed in Annex A are believed to have sourced conflict minerals, based on data available from RBA SOR Master List as of July 7, 2023.

ANDORRA	MAURITANIA
AUSTRALIA	MEXICO
AUSTRIA	MYANMAR
BELGIUM	NETHERLANDS
BOLIVIA (PLURINATIONAL STATE OF)	NEW ZEALAND
BRAZIL	PERU
CANADA	PHILIPPINES
CHILE	POLAND
CHINA	RUSSIAN FEDERATION
COLOMBIA	RWANDA*
CZECHIA REPUBLIC	SAUDI ARABIA
ESTONIA	SINGAPORE
FRANCE	SOUTH AFRICA
GERMANY	SPAIN
Glencore Canada Corporation -	SUDAN*
CANADA	SWEDEN
GHANA	SWITZERLAND
INDIA	TAIWAN, PROVINCE OF CHINA
INDONESIA	THAILAND
ITALY	TURKEY
JAPAN	UGANDA*
KAZAKHSTAN	UNITED ARAB EMIRATES
KOREA, REPUBLIC OF	UNITED STATES OF AMERICA
KYRGYZSTAN	UZBEKISTAN
LITHUANIA	VIETNAM
Liuzhou China Tin Group Co ltd -	ZIMBABWE
CHINA	
MALAYSIA	

\*The DRC or an adjoining country