
Arçelik

**Conflict Minerals
Due Diligence
Report 2022**

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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, labor 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 its vision, Arçelik has published ‘Conflict Mineral Policy’ in 2019, then revised in 2022 and in order to comply mentioned act, “Conflict Minerals Management Procedure” has published in 2019 as CP-16492/1. (Please check for conflict mineral policy (<https://www.arcelikglobal.com/en/sustainability/policies/policies/>)) 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 responsible purchasing process, Arçelik has communicated with its 1st 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 2022 and reporting period January 1, 2022 to December 31, 2022.

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, labor 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 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 annually.

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 the 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

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

Summary of Report

Arçelik is a white good manufacturer which has 28 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 462 of Arçelik first tier suppliers which have potential to use 3TGs in parts. Arçelik has shared a conflict minerals 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 73 % which means 337 of 462 suppliers filled out survey. 67% of responding suppliers indicated that they had no 3TGs in their parts or products supplied to Arçelik.

The suppliers which answered the inquiry shared 289 smelters or refiners with Arçelik. 5 of them temporarily ceased their operations. 206 of them have been conformant and certified as “DRC – conflict free” by the responsible minerals assurance process (RMAP) on behalf of the global organization Responsible Minerals Initiative. (RMI)

5 of them are active smelters or refiners (SORs) 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.

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 in order 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.

Following the supply chain risk classes defined in clause 4.1.2-e and the assessment made in the previous step, Arçelik continuously expands its activities within the scope of process improvement. In order to transfer the suppliers within the scope of Class 1 and Class 2 to the scope of Class 3 , Arçelik 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, temporarily 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/ canceling 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 smelter/refiners to improve their compliance efforts. The scope of the audit should include all activities, processes and systems used by smelter/refiners for compliance in supply chain related to mines of conflict-affected and high-risk areas. The audit process of third parties is carried out taking into account a number of 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 3rd 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

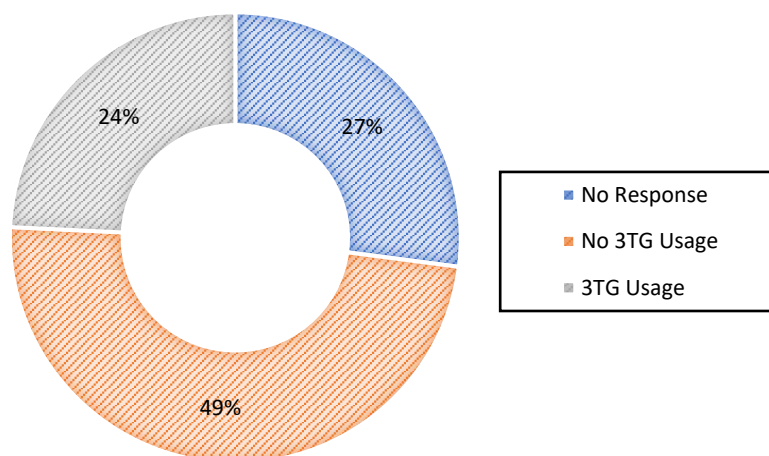
The U.S. Dodd-Frank Act requires companies to file annual reporting on conflict minerals and make them available to the public. Arçelik acts in accordance with the OECD Guidelines in conflict minerals management and reports its work to the public annually. In the reporting process, the information obtained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

Totally 462 suppliers found that related with 3TG as an 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 %73 (337 suppliers).

ANALYSIS OF RESPONSES, BY SUPPLIER



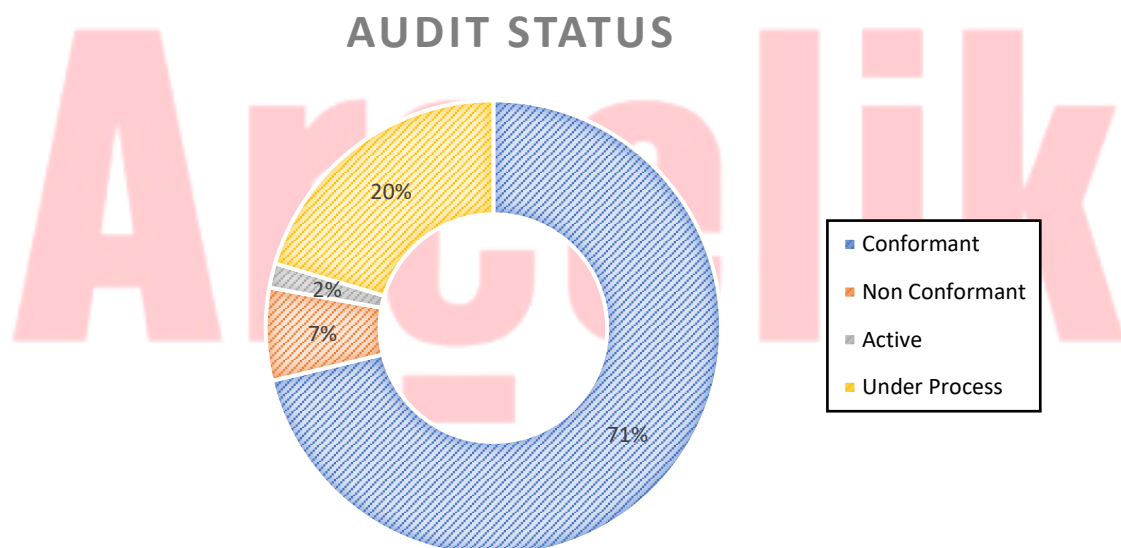
No Response : Supplier did not respond notified body inquiry request, e-mail and telephone call. (125 suppliers)

No 3TG Usage: Supplier stated that no usage of 3TGs in their parts, components or product to send Arçelik plants. (225 suppliers)

3TG Usage: Supplier stated that usage of at least one of 3TGs in their parts, components or product to send Arçelik plants. (112 suppliers)

Results of Inquiry – Smelters or Refiners Case

The responding suppliers have shared 289 smelters in CMRT. 5 of them are temporarily ceased operations but information suggests they may re-open in the future. The follow chart has shown details.



289 smelters were detected after analyzing of survey results. 206 of them are conformant SORs by RMI RMAP process and 5 of them active that this SORs may be accept as conformant SORs according to RMI.

19 of smelters or refiners dont have conformant certification from RMI and their mineral countries origin are Brazil, China, India, Kyrgyzstan, Lithuania, Malaysia, Russia, South Africa, and Vietnam.

The others (59 smelters or refiners) are “Under Process” smelter or refiners. Under Process means the SORs are need to encourage by RMI member companies due to several reasons. They may;

- be in communications with RMI,
- suspend communications for any reasons,
- need outreach required or
- RMI review due diligence.

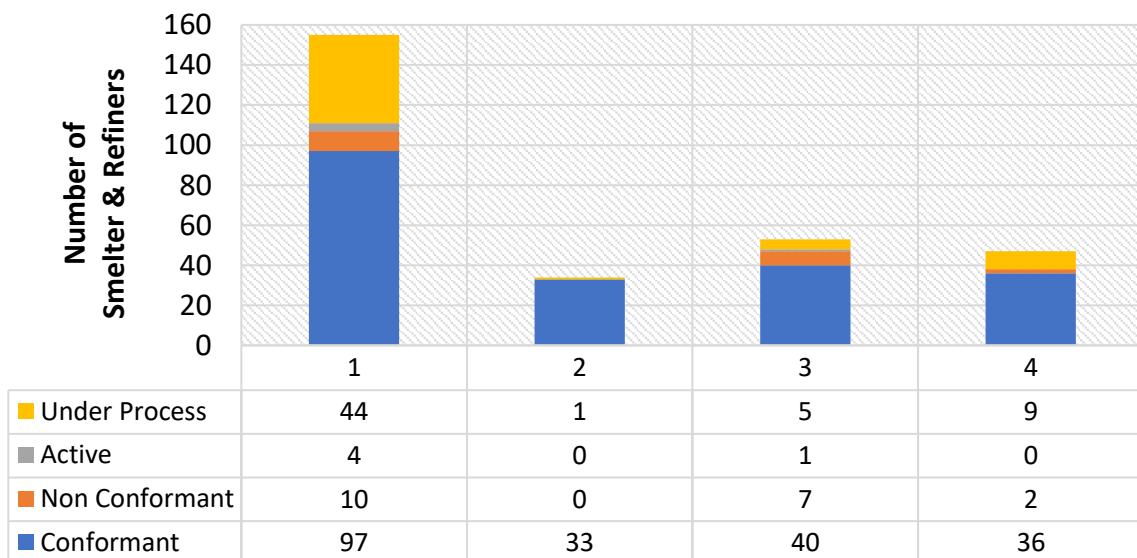
All smelter and refiners are identified in table Annex A. (List of Smelters and Refiners) The whole RCOI (Country of Origin Data) can be seen in Annex B table. (County of Origin Information)

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 are analyzed and below chart was prepared by metal.

2022 RMI Status of SORs By Metal



According to Arçelik improvement and risk mitigation plan, we conducted 3 level of risk classes:

Level 1 Risk Class: Urgent Actions

Suppliers working with smelters that are not approved by RMI and located in and around the DRC or in areas defined as CAHRAs.

Level 2 Risk Class: These actions have started and it is planning to finish end of 2023

Suppliers working with smelters that are not approved by RMI and are not located in and around the DRC or in areas defined as CAHRAs.

Level 3 Risk Class: Suppliers working with smelters approved by RMI.

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 determined personnel in the firm had controlled each of the survey data one by one and detail. Any of following irrationality was observed, the related 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 of 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 of the 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 above rules . The SOR information was not recieved for 2 suppliers.

Next Steps

Arçelik will continue work hard in 2023 in order to increase transparency through supply chain for mitigating risks and increase awareness. The RMI membership will resume to access the information related with smelters and refiners. Due to its vision “Respecting the World, Respected Worldwide”, Arçelik will work for being guide for all supply chain.

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.

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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	CID000015	Advanced Chemical Company	U.S.A	Conformant	LR, R/S
2	Gold	CID000019	Aida Chemical Industries Co., Ltd.	Japan	Conformant	R/S
3	Gold	CID000035	Agosi AG	Germany	Conformant	RJC Sourcing
4	Gold	CID000041	Almalyk Mining and Metallurgical Complex (AMMC)	Uzbekistan	Conformant	LBMA Sourcing
5	Gold	CID000058	AngloGold Ashanti Corrego do Sitio Mineracao	Brazil	Conformant	LBMA Sourcing
6	Gold	CID000077	Argor-Heraeus S.A.	Switzerland	Conformant	LBMA Sourcing, RJC Sourcing
7	Gold	CID000082	Asahi Pretec Corp.	Japan	Conformant	LBMA Sourcing
8	Gold	CID000090	Asaka Riken Co., Ltd.	Japan	Conformant	R/S
9	Gold	CID000103	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	Turkey	Outreach Required	#N/A
10	Gold	CID000113	Aurubis AG	Germany	Conformant	LBMA Sourcing
11	Gold	CID000128	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Philippines	Conformant	LBMA Sourcing
12	Gold	CID000157	Boliden AB	Sweden	Conformant	LBMA Sourcing
13	Gold	CID000176	C. Hafner GmbH + Co. KG	Germany	Conformant	LBMA Sourcing, RJC Sourcing
14	Gold	CID000180	Caridad	Mexico	Outreach Required	#N/A
15	Gold	CID000185	CCR Refinery - Glencore Canada Corporation	Canada	Conformant	LBMA Sourcing

No #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
16	Gold	CID000189	Cendres + Metaux S.A.	Switzerland	Conformant	RJC Sourcing
17	Gold	CID000197	Yunnan Copper Industry Co., Ltd.	China	Outreach Required	#N/A
18	Gold	CID000233	Chimet S.p.A.	Italy	Conformant	LBMA Sourcing
19	Gold	CID000264	Chugai Mining	Japan	Conformant	R/S
20	Gold	CID000343	Daye Non-Ferrous Metals Mining Ltd.	China	In Communication	#N/A
21	Gold	CID000359	DSC (Do Sung Corporation)	South Korea	Conformant	R/S
22	Gold	CID000401	Dowa	Japan	Conformant	LR, HR, R/S
23	Gold	CID000425	Eco-System Recycling Co., Ltd. East Plant	Japan	Conformant	R/S
24	Gold	CID000493	JSC Novosibirsk Refinery	China	Non Conformant	#N/A
25	Gold	CID000522	Refinery of Seemine Gold Co., Ltd.	China	Outreach Required	#N/A
26	Gold	CID000651	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	China	Outreach Required	#N/A
27	Gold	CID000671	Hangzhou Fuchunjiang Smelting Co., Ltd.	China	Outreach Required	#N/A
28	Gold	CID000689	LT Metal Ltd.	South Korea	Conformant	LR, R/S
29	Gold	CID000694	Heimerle + Meule GmbH	Germany	Conformant	LBMA Sourcing
30	Gold	CID000707	Heraeus Metals Hong Kong Ltd.	China	Conformant	LBMA Sourcing, RJC Sourcing
31	Gold	CID000711	Heraeus Germany GmbH Co. KG	Germany	Conformant	LR, R/S
32	Gold	CID000767	Hunan Chenzhou Mining Co., Ltd.	China	Outreach Required	#N/A
33	Gold	CID000773	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	China	Outreach Required	#N/A
34	Gold	CID000778	HwaSeong CJ CO., LTD.	South Korea	Comm. Suspended	#N/A
35	Gold	CID000801	Inner Mongolia Qiankun Gold Silver Refinery Share Co., Ltd.	China	Conformant	LBMA Sourcing
36	Gold	CID000807	Ishifuku Metal Industry Co., Ltd.	Japan	Conformant	LBMA Sourcing
37	Gold	CID000814	Istanbul Gold Refinery	Turkey	Conformant	LBMA Sourcing
38	Gold	CID000823	Japan Mint	Japan	Conformant	LBMA Sourcing
39	Gold	CID000855	Jiangxi Copper Co., Ltd.	Japan	Conformant	LBMA Sourcing
40	Gold	CID000920	Asahi Refining USA Inc.	U.S.A	Conformant	LBMA Sourcing
41	Gold	CID000924	Asahi Refining Canada Ltd.	Canada	Conformant	LBMA Sourcing
42	Gold	CID000927	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	Russia	RMI Due Diligence	#N/A
43	Gold	CID000929	JSC Uralelectromed	Russia	Non Conformant	#N/A
44	Gold	CID000937	JX Nippon Mining & Metals Co., Ltd.	Japan	Conformant	LBMA Sourcing

No #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
45	Gold	CID000956	Kazakhmys Smelting LLC	Kazakhstan	In Communication	#N/A
46	Gold	CID000957	Kazinc	Kazakhstan	Conformant	LBMA Sourcing
47	Gold	CID000969	Kennecott Utah Copper LLC	U.S.A	Conformant	LBMA Sourcing
48	Gold	CID000981	Kojima Chemicals Co., Ltd.	Japan	Conformant	LR, R/S
49	Gold	CID001029	Kyrgyzaltyn JSC	Kyrgyzstan	Non Conformant	#N/A
50	Gold	CID001032	L'azurde Company For Jewelry	Saudi Arabia	RMI Due Diligence	#N/A
51	Gold	CID001056	Lingbao Gold Co., Ltd.	China	Outreach Required	#N/A
52	Gold	CID001058	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	China	Outreach Required	#N/A
53	Gold	CID001078	LS-NIKKO Copper Inc.	South Korea	Conformant	LBMA Sourcing
54	Gold	CID001093	Luoyang Zijin Yinhuai Gold Refinery Co., Ltd.	China	Outreach Required	#N/A
55	Gold	CID001113	Materion	U.S.A	Conformant	R/S
56	Gold	CID001119	Matsuda Sangyo Co., Ltd.	Japan	Conformant	LBMA Sourcing
57	Gold	CID001147	Metalor Technologies (Suzhou) Ltd.	China	Conformant	LBMA Sourcing, RJC Sourcing
58	Gold	CID001149	Metalor Technologies (Hong Kong) Ltd.	China	Conformant	LBMA Sourcing, RJC Sourcing
59	Gold	CID001152	Metalor Technologies (Singapore) Pte., Ltd.	Singapore	Conformant	LBMA Sourcing, RJC Sourcing
60	Gold	CID001153	Metalor Technologies S.A.	Switzerland	Conformant	LBMA Sourcing, RJC Sourcing
61	Gold	CID001157	Metalor USA Refining Corporation	U.S.A	Conformant	LBMA Sourcing, RJC Sourcing
62	Gold	CID001161	Metalurgica Met-Mex Penoles S.A. De C.V.	Mexico	Conformant	LBMA Sourcing
63	Gold	CID001188	Mitsubishi Materials Corporation	Japan	Conformant	LBMA Sourcing
64	Gold	CID001193	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	LBMA Sourcing
65	Gold	CID001204	Moscow Special Alloys Processing Plant	Russia	Non Conformant	#N/A
66	Gold	CID001220	Nadir Metal Rafineri San. Ve Tic. A.S.	Turkey	Conformant	LBMA Sourcing
67	Gold	CID001236	Navoi Mining and Metallurgical Combinat	Uzbekistan	Conformant	LBMA Sourcing
68	Gold	CID001259	Nihon Material Co., Ltd.	Japan	Conformant	LBMA Sourcing
69	Gold	CID001325	Ohura Precious Metal Industry Co., Ltd.	Japan	Conformant	R/S
70	Gold	CID001326	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant"	Russia	Non Conformant	#N/A
71	Gold	CID001352	MKS PAMP SA	Switzerland	Conformant	LBMA Sourcing
72	Gold	CID001362	Penglai Penggang Gold Industry Co., Ltd.	China	Outreach Required	#N/A
73	Gold	CID001386	Prioksky Plant of Non-Ferrous Metals	Russia	Non Conformant	#N/A

No #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
74	Gold	CID001397	PT Aneka Tambang (Persero) Tbk	Indonesia	Conformant	LBMA Sourcing
75	Gold	CID001498	PX Precinox S.A.	Switzerland	Conformant	LBMA Sourcing
76	Gold	CID001512	Rand Refinery (Pty) Ltd.	South Africa	Conformant	LBMA Sourcing
77	Gold	CID001534	Royal Canadian Mint	Canada	Conformant	LBMA Sourcing
78	Gold	CID001546	Sabin Metal Corp.	U.S.A	Comm. Suspended	#N/A
79	Gold	CID001555	Samduck Precious Metals	South Korea	Conformant	LR, R/S
80	Gold	CID001562	Samwon Metals Corp.	South Korea	Comm. Suspended	#N/A
81	Gold	CID001585	SEMPSA Joyeria Plateria S.A.	Spain	Conformant	LBMA Sourcing
82	Gold	CID001619	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	China	Outreach Required	#N/A
83	Gold	CID001622	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	China	Conformant	LBMA Sourcing
84	Gold	CID001736	Sichuan Tianze Precious Metals Co., Ltd.	China	Conformant	LBMA Sourcing
85	Gold	CID001756	SOE Shyolkovsky Factory of Secondary Precious Metals	Russia	Non Conformant	#N/A
86	Gold	CID001761	Solar Applied Materials Technology Corp.	Taiwan	Conformant	LBMA Sourcing
87	Gold	CID001798	Sumitomo Metal Mining Co., Ltd.	Japan	Conformant	LBMA Sourcing
88	Gold	CID001875	Tanaka Kikinzoku Kogyo K.K.	Japan	Conformant	LBMA Sourcing
89	Gold	CID001909	Great Wall Precious Metals Co., Ltd. of CBPM	China	Outreach Required	#N/A
90	Gold	CID001916	Shandong Gold Smelting Co., Ltd.	China	Conformant	LBMA Sourcing
91	Gold	CID001938	Tokuriki Honten Co., Ltd.	Japan	Conformant	LBMA Sourcing
92	Gold	CID001947	Tongling Nonferrous Metals Group Co., Ltd.	China	Outreach Required	#N/A
93	Gold	CID001955	Torecom	Kazakhstan	Conformant	LR, R/S
94	Gold	CID001980	Umicore S.A. Business Unit Precious Metals Refining	Belgium	Conformant	LBMA Sourcing
95	Gold	CID001993	United Precious Metal Refining, Inc.	U.S.A	Conformant	LR, R/S
96	Gold	CID002003	Valcambi S.A.	Switzerland	Conformant	LBMA Sourcing, RJC Sourcing
97	Gold	CID002030	Western Australian Mint (T/a The Perth Mint)	Australia	Conformant	LBMA Sourcing
98	Gold	CID002100	Yamakin Co., Ltd.	Japan	Conformant	R/S
99	Gold	CID002129	Yokohama Metal Co., Ltd.	Japan	Conformant	R/S
100	Gold	CID002224	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	China	Conformant	LBMA Sourcing
101	Gold	CID002243	Gold Refinery of Zijin Mining Group Co., Ltd.	China	Conformant	LBMA Sourcing
102	Gold	CID002282	Morris and Watson	New Zealand	In Communication	#N/A

No #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
103	Gold	CID002290	SAFINA A.S.	Czech Republic	Conformant	R/S
104	Gold	CID002312	Guangdong Jinding Gold Limited	China	Outreach Required	#N/A
105	Gold	CID002314	Umicore Precious Metals Thailand	Thailand	Conformant	RJC Sourcing
106	Gold	CID002459	Geib Refining Corporation	U.S.A	Conformant	R/S
107	Gold	CID002509	MMTC-PAMP India Pvt., Ltd.	India	Conformant	LBMA Sourcing
108	Gold	CID002511	KGHM Polska Miedz Spolka Akcyjna	Poland	Conformant	LBMA Sourcing
109	Gold	CID002515	Fidelity Printers and Refiners Ltd.	Zimbabwe	RMI Due Diligence	#N/A
110	Gold	CID002516	Singway Technology Co., Ltd.	Taiwan	Conformant	L1, R/S
111	Gold	CID002525	Shandong Humon Smelting Co., Ltd.	China	Outreach Required	#N/A
112	Gold	CID002560	Al Etihad Gold Refinery DMCC	U.A.E	Conformant	HR, R/S
113	Gold	CID002561	Emirates Gold DMCC	U.A.E	Conformant	LR, HR, CC, R/S
114	Gold	CID002562	International Precious Metal Refiners	U.A.E	In Communication	#N/A
115	Gold	CID002563	Kaloti Precious Metals	U.A.E	RMI Due Diligence	#N/A
116	Gold	CID002567	Sudan Gold Refinery	Sudan	Outreach Required	#N/A
117	Gold	CID002580	T.C.A S.p.A	Italy	Conformant	LBMA Sourcing
118	Gold	CID002582	REMONDIS PMR B.V.	Netherlands	Conformant	R/S
119	Gold	CID002584	Fujairah Gold FZC	U.A.E	Outreach Required	#N/A
120	Gold	CID002588	Shirpur Gold Refinery Ltd.	India	Outreach Required	#N/A
121	Gold	CID002605	Korea Zinc Co., Ltd.	South Korea	Conformant	LR, R/S
122	Gold	CID002606	Marsam Metals	Brazil	Non Conformant	#N/A
123	Gold	CID002615	TOO Tau-Ken-Altyn	Kazakhstan	Conformant	LBMA Sourcing
124	Gold	CID002708	Abington Reldan Metals, LLC	U.S.A	Active	#N/A
125	Gold	CID002761	SAAMP	France	Conformant	RJC Sourcing
126	Gold	CID002762	L'Orfebre S.A.	Andorra	Conformant	R/S, HR
127	Gold	CID002763	8853 S.p.A.	Italy	Conformant	#N/A
128	Gold	CID002765	Italpreziosi	Italy	Conformant	LBMA Sourcing, RJC Sourcing
129	Gold	CID002778	WIELAND Edelmetalle GmbH	Germany	Conformant	RJC Sourcing
130	Gold	CID002779	Ogussa Osterreichische Gold- und Silber-Scheideanstalt	Austria	Conformant	RJC Sourcing
131	Gold	CID002850	AU Traders and Refiners	South Africa	Non Conformant	#N/A

No #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
132	Gold	CID002852	GGC Gujrat Gold Centre Pvt. Ltd.	India	Active	#N/A
133	Gold	CID002853	Sai Refinery	India	Outreach Required	#N/A
134	Gold	CID002857	Modeltech Sdn Bhd	Malaysia	Non Conformant	#N/A
135	Gold	CID002863	Bangalore Refinery	India	Conformant	LR, R/S
136	Gold	CID002865	Kyshtym Copper-Electrolytic Plant ZAO	Russia	RMI Due Diligence	#N/A
137	Gold	CID002867	Degussa Sonne / Mond Goldhandel GmbH	Germany	Outreach Required	#N/A
138	Gold	CID002872	Pease & Curren	U.S.A	Comm. Suspended	#N/A
139	Gold	CID002893	JALAN & Company	India	Outreach Required	#N/A
140	Gold	CID002918	SungEel HiMetal Co., Ltd.	South Korea	Conformant	R/S
141	Gold	CID002919	Planta Recuperadora de Metales SpA	Chile	Conformant	LR
142	Gold	CID002973	Safimet S.p.A	Italy	Conformant	RJC Sourcing
143	Gold	CID003153	State Research Institute Center for Physical Sci. and Tech.	Lithuania	Outreach Required	#N/A
144	Gold	CID003185	African Gold Refinery	Uganda	RMI Due Diligence	#N/A
145	Gold	CID003186	Gold Coast Refinery	Ghana	Outreach Required	#N/A
146	Gold	CID003189	NH Recytech Company	South Korea	Conformant	LR, R/S
147	Gold	CID003324	QG Refining, LLC	U.S.A	Outreach Required	#N/A
148	Gold	CID003348	Dijllah Gold Refinery FZC	U.A.E	Outreach Required	#N/A
149	Gold	CID003382	CGR Metalloys Pvt Ltd.	India	Outreach Required	#N/A
150	Gold	CID003383	Sovereign Metals	India	Outreach Required	#N/A
151	Gold	CID003421	C.I Metales Procesados Industriales SAS	Colombia	Active	#N/A
152	Gold	CID003424	Eco-System Recycling Co., Ltd. North Plant	Japan	Conformant	R/S
153	Gold	CID003425	Eco-System Recycling Co., Ltd. West Plant	Japan	Conformant	R/S
154	Gold	CID003461	Augmont Enterprises Private Limited	India	Active	#N/A
155	Gold	CID003463	Kundan Care Products Ltd.	India	In Communication	#N/A
156	Tantalum	CID000211	Changsha South Tantalum Niobium Co., Ltd.	China	Conformant	LR, R/S
157	Tantalum	CID000460	F&X Electro-Materials Ltd.	China	Conformant	LR, HR, CC
158	Tantalum	CID000616	XIMEI RESOURCES (GUANGDONG) LIMITED	China	Conformant	LR, HR, CC, DRC
159	Tantalum	CID000914	Jiujiang JinXin Nonferrous Metals Co., Ltd.	China	Conformant	LR, HR, DRC, CC
160	Tantalum	CID000917	Jiujiang Tanbre Co., Ltd.	China	Conformant	DRC, HR, R/S, LR, CC

No #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
161	Tantalum	CID001076	AMG Brasil	Brazil	Conformant	LR
162	Tantalum	CID001163	Metallurgical Products India Pvt., Ltd.	India	Conformant	LR, R/S
163	Tantalum	CID001175	Mineracao Taboca S.A.	Brazil	Conformant	L1
164	Tantalum	CID001192	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	HR, CC, R/S
165	Tantalum	CID001200	NPM Silmet AS	Estonia	Conformant	R/S, LR
166	Tantalum	CID001277	Ningxia Orient Tantalum Industry Co., Ltd.	China	Conformant	LR, HR, DRC, CC
167	Tantalum	CID001508	QuantumClean	U.S.A	Conformant	R/S
168	Tantalum	CID001522	Yanling Jincheng Tantalum & Niobium Co., Ltd.	China	Conformant	LR
169	Tantalum	CID001769	Solikamsk Magnesium Works OAO	#N/A	RMI Due Diligence	#N/A
170	Tantalum	CID001869	Taki Chemical Co., Ltd.	Japan	Conformant	R/S
171	Tantalum	CID001891	Telex Metals	U.S.A	Conformant	LR, R/S
172	Tantalum	CID001969	Ulba Metallurgical Plant JSC	Kazakhstan	Conformant	LR, HR, CC, DRC, R/S
173	Tantalum	CID002492	Hengyang King Xing Lifeng New Materials Co., Ltd.	China	Conformant	LR, HR
174	Tantalum	CID002504	D Block Metals, LLC	U.S.A	Conformant	R/S, LR
175	Tantalum	CID002505	FIR Metals & Resource Ltd.	China	Conformant	LR, HR, DRC, R/S
176	Tantalum	CID002506	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	China	Conformant	LR
177	Tantalum	CID002508	XinXing HaoRong Electronic Material Co., Ltd.	China	Conformant	HR
178	Tantalum	CID002512	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	China	Conformant	LR
179	Tantalum	CID002539	KEMET de Mexico	Mexico	Conformant	LR, R/S
180	Tantalum	CID002544	TANIOBIS Co., Ltd.	Thailand	Conformant	LR, CC, DRC, HR, R/S
181	Tantalum	CID002545	TANIOBIS GmbH	Germany	Conformant	LR, CC, DRC, HR, R/S
182	Tantalum	CID002547	H.C. Starck Hermsdorf GmbH	Germany	Conformant	R/S
183	Tantalum	CID002549	TANIOBIS Japan Co., Ltd.	Japan	Conformant	LR
184	Tantalum	CID002550	TANIOBIS Smelting GmbH & Co. KG	Germany	Conformant	LR, R/S
185	Tantalum	CID002557	Global Advanced Metals Boyertown	U.S.A	Conformant	DRC, CC, HR, LR, R/S
186	Tantalum	CID002558	Global Advanced Metals Aizu	Japan	Conformant	R/S, LR
187	Tantalum	CID002707	Resind Industria e Comercio Ltda.	Brazil	Conformant	LR
188	Tantalum	CID002842	Jiangxi Tuohong New Raw Material	China	Conformant	LR
189	Tantalum	CID002847	Meta Materials*	North Macedonia	Conformant	#N/A

No #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
190	Tin	CID000228	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	China	Conformant	LR, R/S
191	Tin	CID000292	Alpha	U.S.A	Conformant	LR, R/S
192	Tin	CID000402	Dowa	Japan	Conformant	R/S
193	Tin	CID000438	EM Vinto	Bolivia	Conformant	LR
194	Tin	CID000448	Estanho de Rondonia S.A.	Brazil	Conformant	LR
195	Tin	CID000468	Fenix Metals	Poland	Conformant	LR, R/S
196	Tin	CID000538	Gejiu Non-Ferrous Metal Processing Co., Ltd.	China	Conformant	L1
197	Tin	CID000555	Gejiu Zili Mining And Metallurgy Co., Ltd.	China	Conformant	L1
198	Tin	CID000942	Gejiu Kai Meng Industry and Trade LLC	China	Non Conformant	#N/A
199	Tin	CID001070	China Tin Group Co., Ltd.	China	Conformant	LR, R/S
200	Tin	CID001105	Malaysia Smelting Corporation (MSC)	Malaysia	Conformant	L1, HR, CC, DRC, R/S
201	Tin	CID001142	Metallic Resources, Inc.	U.S.A	Conformant	LR, R/S
202	Tin	CID001173	Mineracao Taboca S.A.	Brazil	Conformant	L1
203	Tin	CID001182	Minsur	Peru	Conformant	LR
204	Tin	CID001231	Jiangxi New Nanshan Technology Ltd.	China	Conformant	LR, R/S
205	Tin	CID001314	O.M. Manufacturing (Thailand) Co., Ltd.	Thailand	Conformant	R/S
206	Tin	CID001337	Operaciones Metalurgicas S.A.	Bolivia	Conformant	LR
207	Tin	CID001399	PT Artha Cipta Langgeng	Indonesia	Conformant	LR
208	Tin	CID001453	PT Mitra Stania Prima	Indonesia	Conformant	LR
209	Tin	CID001460	PT Refined Bangka Tin	Indonesia	Conformant	LR
210	Tin	CID001477	PT Timah Tbk Kundur	Indonesia	Conformant	LR
211	Tin	CID001482	PT Timah Tbk Mentok	Indonesia	Conformant	LR
212	Tin	CID001539	Rui Da Hung	Taiwan	Conformant	L1, R/S
213	Tin	CID001898	Thaisarco	Thailand	Conformant	LR, CC, HR, DRC, R/S
214	Tin	CID001908	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	China	Non Conformant	#N/A
215	Tin	CID002036	White Solder Metalurgia e Mineracao Ltda.	Brazil	Conformant	L1
216	Tin	CID002158	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	China	Conformant	L1
217	Tin	CID002180	Tin Smelting Branch of Yunnan Tin Co., Ltd.	China	Conformant	LR, HR, DRC, R/S
218	Tin	CID002468	Magnu's Mineraiis Metais e Ligas Ltda.	Brazil	Conformant	LR, R/S

No #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
219	Tin	CID002500	Melt Metais e Ligas S.A.	Brazil	Non Conformant	#N/A
220	Tin	CID002503	PT ATD Makmur Mandiri Jaya	Indonesia	Conformant	LR
221	Tin	CID002517	O.M. Manufacturing Philippines, Inc.	Philippines	Conformant	R/S
222	Tin	CID002572	Electro-Mechanical Facility of the Cao Bang Minerals	Vietnam	Non Conformant	#N/A
223	Tin	CID002573	Nghe Tinh Non-Ferrous Metals Joint Stock Company	Vietnam	Outreach Required	#N/A
224	Tin	CID002574	Tuyen Quang Non-Ferrous Metals Joint Stock Company	Vietnam	Outreach Required	#N/A
225	Tin	CID002703	An Vinh Joint Stock Mineral Processing Company	Vietnam	Outreach Required	#N/A
226	Tin	CID002756	Super Ligas	Brazil	Active	#N/A
227	Tin	CID002773	Aurubis Beerse	Belgium	Conformant	N/A
228	Tin	CID002774	Aurubis Berango	Spain	Conformant	R/S
229	Tin	CID002834	Thai Nguyen Mining and Metallurgy Co., Ltd.*	Vietnam	Conformant	LR
230	Tin	CID002844	HuiChang Hill Tin Industry Co., Ltd.*	China	Conformant	L1
231	Tin	CID003116	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	China	Conformant	LR, R/S
232	Tin	CID003190	Chifeng Dajingzi Tin Industry Co., Ltd.	China	Conformant	L1, R/S
233	Tin	CID003205	PT Bangka Serumpun	Indonesia	Conformant	L1
234	Tin	CID003208	Pongpipat Company Limited	Myanmar	Outreach Required	#N/A
235	Tin	CID003325	Tin Technology & Refining	U.S.A	Conformant	R/S
236	Tin	CID003356	Dongguan CiEXPO Environmental Engineering Co., Ltd.	China	Non Conformant	#N/A
237	Tin	CID003379	Ma'anshan Weitai Tin Co., Ltd.*	China	Conformant	R/S
238	Tin	CID003387	Luna Smelter, Ltd.	Rwanda	Conformant	HR, CC
239	Tin	CID003397	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	China	Non Conformant	#N/A
240	Tin	CID003409	Precious Minerals and Smelting Limited	India	Non Conformant	#N/A
241	Tin	CID003410	Gejiu City Fuxiang Industry and Trade Co., Ltd.	China	Outreach Required	#N/A
242	Tin	CID003449	PT Mitra Sukses Globalindo	Indonesia	Conformant	LR
243	Tungsten	CID000004	A.L.M.T. Corp.	Japan	Conformant	TI-CMC Sourcing
244	Tungsten	CID000105	Kennametal Huntsville	U.S.A	Conformant	TI-CMC Sourcing
245	Tungsten	CID000218	Guangdong Xianglu Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
246	Tungsten	CID000258	Chongyi Zhangyuan Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
247	Tungsten	CID000281	CNMC (Guangxi) PGMA Co., Ltd.	China	Outreach Required	#N/A

No #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
248	Tungsten	CID000568	Global Tungsten & Powders Corp.	U.S.A	Conformant	CC, TI-CMC Sourcing
249	Tungsten	CID000766	Hunan Chenzhou Mining Co., Ltd.	China	Conformant	LR
250	Tungsten	CID000769	Hunan Jintai New Material Co., Ltd.	China	Conformant	TI-CMC Sourcing
251	Tungsten	CID000825	Japan New Metals Co., Ltd.	Japan	Conformant	TI-CMC Sourcing
252	Tungsten	CID000875	Ganzhou Huaxing Tungsten Products Co., Ltd.	China	Conformant	TI-CMC Sourcing
253	Tungsten	CID000966	Kennametal Fallon	U.S.A	Conformant	TI-CMC Sourcing
254	Tungsten	CID002044	Wolfram Bergbau und Hutten AG	Austria	Conformant	CC, TI-CMC Sourcing
255	Tungsten	CID002082	Xiamen Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
256	Tungsten	CID002313	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	China	Comm. Suspended	#N/A
257	Tungsten	CID002315	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing, R/S
258	Tungsten	CID002316	Jiangxi Yaosheng Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
259	Tungsten	CID002317	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	China	Conformant	TI-CMC Sourcing
260	Tungsten	CID002318	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co.,	China	Conformant	TI-CMC Sourcing
261	Tungsten	CID002319	Malipo Haiyu Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
262	Tungsten	CID002320	Xiamen Tungsten (H.C.) Co., Ltd.	China	Conformant	TI-CMC Sourcing
263	Tungsten	CID002321	Jiangxi Gan Bei Tungsten Co., Ltd.	China	Conformant	TI-CMC Sourcing
264	Tungsten	CID002494	Ganzhou Seadragon W & Mo Co., Ltd.	China	Conformant	TI-CMC Sourcing
265	Tungsten	CID002502	Asia Tungsten Products Vietnam Ltd.	Vietnam	Conformant	L1, HR, CC, DRC
266	Tungsten	CID002513	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou	China	Conformant	TI-CMC Sourcing
267	Tungsten	CID002541	H.C. Starck Tungsten GmbH	Germany	Conformant	TI-CMC Sourcing
268	Tungsten	CID002543	Masan High-Tech Materials	Vietnam	Conformant	DRC, CC, TI-CMC Sourcing
269	Tungsten	CID002551	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	China	Conformant	TI-CMC Sourcing
270	Tungsten	CID002589	Niagara Refining LLC	U.S.A	Conformant	TI-CMC Sourcing
271	Tungsten	CID002641	China Molybdenum Tungsten Co., Ltd.	China	Conformant	LR
272	Tungsten	CID002645	Ganzhou Haichuang Tungsten Co., Ltd.	China	Conformant	LR
273	Tungsten	CID002649	Hydrometallurg, JSC	Russia	RMI Due Diligence	#N/A
274	Tungsten	CID002724	Unecha Refractory metals plant	Russia	Non Conformant	#N/A
275	Tungsten	CID002827	Philippine Chuangxin Industrial Co., Inc.	Philippines	Conformant	TI-CMC Sourcing
276	Tungsten	CID002830	Xinfeng Huarui Tungsten & Molybdenum New Material Co.,	China	Conformant	TI-CMC Sourcing

No #	Metal	Certificate ID	Name of Smelter or Refiner (SOR)	Location of SOR	RMAP Status**	Direct Sourcing***
277	Tungsten	CID002833	ACL Metais Eireli	Brazil	Conformant	L1
278	Tungsten	CID002845	Moliren Ltd.	Russia	Conformant	#N/A
279	Tungsten	CID003388	KGETS Co., Ltd.*	South Korea	Conformant	R/S
280	Tungsten	CID003401	Fujian Ganmin RareMetal Co., Ltd.	China	Conformant	LR
281	Tungsten	CID003407	Lianyou Metals Co., Ltd.	Taiwan	Conformant	R/S
282	Tungsten	CID003408	JSC "Kirovgrad Hard Alloys Plant"	Russia	RMI Due Diligence	#N/A
283	Tungsten	CID003416	NPP Tyazhmetprom LLC	Russia	RMI Due Diligence	#N/A
284	Tungsten	CID003427	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	Brazil	Non Conformant	#N/A
285	Tungsten	CID003468	Cronimet Brasil Ltda	Brazil	Conformant	HR
286	Tungsten	CID003553	Artek LLC	Russia	RMI Due Diligence	#N/A
287	Tungsten	CID003612	OOO "Technolom" 2	Russia	RMI Due Diligence	#N/A
288	Tungsten	CID003614	OOO "Technolom" 1	Russia	RMI Due Diligence	#N/A
289	Tungsten	CID003643	LLC Vostok	Russia	RMI Due Diligence	#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.

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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 December 31, 2022.

ANDORRA	NETHERLANDS
AUSTRALIA	NEW ZEALAND
AUSTRIA	NORTH MACEDONIA, REPUBLIC OF
BELGIUM	PERU
BOLIVIA (PLURINATIONAL STATE OF)	PHILIPPINES
BRAZIL	POLAND
CANADA	RUSSIAN FEDERATION
CHILE	RWANDA*
CHINA	SAUDI ARABIA
COLOMBIA	SINGAPORE
CZECHIA REPUBLIC	SOUTH AFRICA
ESTONIA	SOUTH KOREA
FRANCE	SPAIN
GERMANY	SUDAN*
GHANA	SWEDEN
INDIA	SWITZERLAND
INDONESIA	TAIWAN
ITALY	THAILAND
JAPAN	TURKEY
KAZAKHSTAN	UGANDA*
KYRGYZSTAN	UNITED ARAB EMIRATES
LITHUANIA	UNITED STATES OF AMERICA
MALAYSIA	UZBEKISTAN
MEXICO	VIET NAM
MYANMAR	ZIMBABWE

*The DRC or an adjoining country