UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM SD

SPECIALIZED DISCLOSURE REPORT

ALLIED MOTION TECHNOLOGIES INC.

(Exact name of registrant as specified in its charter)

Colorado (State of Incorporation)

0-04041

(Commission File Number)

84-0518115 (IRS FEIN)

495 Commerce Dr., Suite 3, Amherst, NY 14228

(Address of principal executive offices)

Michael R. Leach, 716-242-8634

(Name and telephone number, including area code, of the person to contact in connection with this report.)

Check the appropriate box to indicate the rule pursuant to which this form is being filed, and provide the period to which the information in this form applies:

x Rule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the reporting period from January 1 to December 31, 2015.

Section 1 - Conflict Minerals Disclosure

Item 1.01 Conflict Minerals Disclosure and Report

A copy of the Company's Conflict Minerals Report is provided as Exhibit 1.01 hereto and is publicly available at: www.Alliedmotion.com. Any reference in this Report or the attached exhibit(s) to our corporate website(s) and the contents thereof is provided for convenience only; such websites and the contents thereof are not incorporated by reference into this Report nor deemed filed with the Securities and Exchange Commission.

Item 1.02 Exhibit

The Company's Conflict Minerals Report required by Item 1.01 is filed as Exhibit 1.01 to this Form SD.

Section 2 - Exhibits

Item 2.01 Exhibits

Exhibit 1.01 - Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form.

2

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the duly authorized undersigned.

May 31, 2016

ALLIED MOTION TECHNOLOGIES INC.

By: /s/ Michael R. Leach

Michael R. Leach Chief Financial Officer

Allied Motion Corporation Conflict Minerals Report for the Year Ended December 31, 2015

This Conflict Minerals Report ("CMR") for the year ended December 31, 2015 is presented to comply with Rule 13p-1 under the Securities Exchange Act of 1934 (the "Rule"). The Securities and Exchange Commission ("SEC") adopted the Rule to implement reporting and disclosure requirements related to conflict minerals as directed by the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (the "Dodd-Frank Act"). The Rule imposes certain reporting obligations on SEC registrants whose manufactured products contain so-called conflict minerals that are necessary to the functionality or production of their products. "Conflict minerals" are defined as cassiterite, columbite-tantalite, gold, wolframite, and their derivatives, which are limited to tin, tantalum, tungsten, and gold ("3TG"). These requirements apply to registrants whatever the geographic origin of the conflict minerals and whether or not the conflict minerals fund armed conflict in the Democratic Republic of the Congo ("DRC") or an adjoining country (together with the DRC, the "Covered Countries").

1. Introduction

1.1 Company Overview

This report has been prepared by management of Allied Motion Technologies Inc. (herein referred to as "Allied Motion", the "Company," "we," "us," or "our"). The information in this report covers the activities of Allied Motion and all of its consolidated subsidiaries.

Allied Motion is a global company that designs, manufactures and sells precision and specialty motion control components and systems used in a broad range of industries. While we serve a very broad base of industries, our primary target markets are Vehicle, Medical, Aerospace & Defense, Electronics and Industrial. Our products and solutions support a wide variety of applications in these markets and include brush and brushless DC motors, brushless servo and torque motors, coreless DC motors, integrated brushless motor-drives, gear motors, gearing, modular digital servo drives, motion controllers, incremental and absolute optical encoders, and associated motion control-related products.

1.2 Products Overview

Our products and solutions support a wide range of applications in our primary served markets. Examples of applications in these markets that use components and systems include the following:

<u>Vehicle</u>: electronic power steering and drive-by-wire applications to electrically replace or provide power-assist to a variety of mechanical linkages, traction / drive systems, pumps; automated and remotely guided power steering systems, various high performance vehicle applications, actuation systems (e.g., lifts, slide-outs, covers, etc.), HVAC systems, improving energy efficiency of vehicles while idling and alternative fuel systems such as LPG, fuel cell and hybrid vehicles. Vehicle types include off- and on-road construction and agricultural equipment; trucks, buses, boats, utility, recreational (e.g., RVs, ATVs (all-terrain vehicles)), specialty automotive, automated and remotely guided vehicles, etc.

<u>Medical:</u> surgical robots, prosthetics, electric powered surgical hand pieces, programmable pumps to meter and administer infusions associated with chemotherapy, pain control and antibiotics, nuclear imaging systems, radiology equipment, automated pharmacy dispensing equipment, kidney dialysis equipment, respiratory ventilators, heart pumps, patient handling equipment (e.g., wheel chairs, scooters, stair lifts, patient lifts, transport tables and hospital beds, etc.).

<u>Aerospace & Defense</u>: inertial guided missiles, mid-range smart munitions systems, weapons systems on armed personnel carriers, unmanned vehicles, security and access control, camera systems, door access control, airport screening and scanning devices, etc.

<u>Electronics</u>: products are used in the handling, inspection, and testing of components and final products such as PCs, gaming equipment and cell phones, high definition printers, tunable lasers and spectrum analyzers for the fiber optic industry, and test and processing equipment for the semiconductor manufacturing industry, etc.

<u>Industrial</u>: factory automation, specialty equipment, material handling equipment, commercial grade floor polishers and cleaners, commercial building equipment such as welders, cable pullers and assembly tools, etc.

1.3 Supply Chain

Our supply chain includes over 1,000 different suppliers. Because of our size, the complexity of our products, and the depth, breadth, and constant evolution of our supply chain, it is difficult to identify actors upstream from our direct suppliers. There are many tiers of suppliers and sub-suppliers between the Company and a smelter that processes 3TG that is contained in a particular product. Therefore, it is inherently difficult to ascertain the ultimate source of 3TG in the products we manufacture.

As a result, we are relying on our direct suppliers to provide information on the origin of the 3TG contained in components and materials supplied to us — including sources of 3TG that are supplied to them from lower tier suppliers. Our primary means of determining country of origin of necessary 3TG was by conducting a supply chain survey with direct suppliers using the joint Electronic Industry Citizen Coalition ("EICC") and Global e-Sustainability Initiative ("GeSI") EICC-GeSI Conflict Minerals Reporting CMRT ("CMRT"), version 4.01. This supply chain survey, and the conflict minerals program as a whole, has been developed and implemented in cooperation with our third-party service provider, Assent Compliance, Inc. ("Assent"). All of our direct suppliers were surveyed as we could not definitively determine which supplier sourced material contained 3TG that were necessary to the functionality or production of our products.

1.4 Conflict Minerals Policy

Allied Motion has adopted a policy statement supporting the aims and objectives of the U.S. legislation on the supply of conflict minerals and committing to not knowingly procure conflict minerals that originate from facilities in the "Conflict Region" that are not certified as "conflict free." Allied Motion's suppliers are asked to undertake reasonable due diligence with their supply chains to assure that specified metals are being sourced only from:

- · Mines and smelters outside the "Conflict Region," or
- · Mines and smelters that have been certified by an independent third party as "conflict free" if sourced from within the "Conflict Region." with respect to conflict minerals.

Our policy is publicly available on our website at http://www.alliedmotion.com/company/conflict_minerals/index.html.

2. Conflict of Minerals Compliance Process

2.1 Reasonable Country of Origin Inquiry ("RCOI")

Our RCOI was designed to provide a reasonable basis for us to determine whether we source 3TG from the Covered Countries.

Our primary means of determining country of origin of necessary 3TG was by conducting a supply chain survey with direct suppliers using the CMRT developed by the EICC and the GeSI, known as the Conflict Minerals Reporting CMRT (the "CMRT"). The CMRT was developed to facilitate disclosure and communication of information regarding smelters that provide material to a company's supply chain. It includes questions regarding a direct supplier's conflict minerals policy, engagement with its direct suppliers, and a listing of the smelters the direct supplier and its suppliers use. In addition, the CMRT contains questions about the origin of conflict minerals included in the direct supplier's products, as well as supplier due diligence. Written instructions and recorded training illustrating the use of the tool are available on EICC's website. Many companies are using the CMRT in their compliance processes related to conflict minerals. All of our direct suppliers were surveyed as we could not definitively determine which products contained 3TG that were necessary to the functionality or production of our products. This supply chain survey, and the conflict minerals program as a whole, has been developed and implemented in cooperation with Assent.

We began our supplier scoping process by filtering our vendor list to remove:

- Service providers/suppliers
- · Indirect materials suppliers
- · Inactive suppliers (minimum 5 years since last purchase)

This was done to ensure that all suppliers surveyed provided items to Allied Motion that were used in final products in the year 2015. Once the filtering was completed, we populated the list with contact information and this list, composed of 224 suppliers, was then provided to Assent for upload to their Assent Compliance Manager SaaS (Software as a Solution) system. Assent then

conducted the supplier survey portion of the RCOI.

During the supplier survey, suppliers were contacted via the Assent Compliance Manager, a SaaS platform that enables its users to complete and track supplier communications as well as allow suppliers to upload completed CMRT forms directly to the platform for risk assessment and management. Non-responsive suppliers were contacted a minimum of three times by the Assent Compliance Manager and then were also managed by the Assent Compliance Supply Chain team in one-on-one communications. This included two follow ups from the supply chain team. During the course of the supplier survey, 9 more suppliers were identified as out of scope as they were found to be inactive suppliers or incorrectly included as a supplier (they were in fact internal Allied Motion factories for which the materials used are already accounted for by external suppliers). For the 2015 reporting period, Allied Motion received responses from 170, or 79.07 percent, of its suppliers. Of the 170 suppliers that provided a response, 123 suppliers, 72.4%, reported that their products contained 3TGs necessary to the functionality or production of their products.

This year's program includes automated data validation on all submitted CMRTs. The goal of data validation is to increase the accuracy of submissions and identify any contradictory answers in the CMRT. All submitted forms are accepted and classified as valid or invalid so that data is still retained. Suppliers were contacted in regards to invalid forms and were encouraged to resubmit a valid form. As of April 15th, 2016, we still had 17 invalid supplier submissions that were not yet corrected.

On the basis of the responses to our RCOI, Allied Motion is unable to determine that 3TGs necessary to the functionality or production of our products did not originate in any of the Covered Countries. Therefore, in accordance with Rule 13p-1, Allied Motion engaged in the due diligence measures on the source and chain of custody of those 3TGs, as described in the next section of this Conflict Minerals Report.

2.2 Management Systems

2.2.1 Conflict Minerals Policy

As described above, we have adopted a conflict minerals policy, which is posted on our website at http://www.alliedmotion.com/company/conflict_minerals/index.html.

2.2.2 Internal Team and Training

The Company has established a management team relating to conflict minerals. Our management team is overseen by the Chief Financial Officer and a team of subject matter experts from relevant functions such as quality, supply chain, operations, finance and legal. The team of subject matter experts is responsible for implementing our conflict minerals compliance strategy and is led by the Senior Environmental Compliance Engineer, who acts as the conflict minerals program manager. Senior management is briefed about the results of our due diligence efforts on a regular basis.

We, in cooperation with Assent, have developed internal training programs to educate anyone within the Company that is a potential contact point for suppliers or other external parties regarding the Company's conflict minerals compliance efforts. We intend to review our training programs at least annually to make sure they are continuously aligned with current regulations, our initiatives, and the tools we use.

2.2.3 Control Systems

As we do not typically have a direct relationship with 3TG smelters and refiners, we are engaged and actively cooperate with other manufacturers in our industry and other sectors.

Our controls include our Code of Business Conduct and Ethics, which outlines expected behaviors for all our employees.

2.2.4 Supplier Engagement

We rely on our direct suppliers to provide information on the origin of the 3TG contained in components and materials supplied to us — including sources of 3TG that are supplied to them from lower tier suppliers.

In accordance with the Organization for Economic Co-operation and Development ("OECD") requirement to strengthen engagement with suppliers, we have, in cooperation with Assent, provided education to suppliers on the Conflict Minerals regulations as well as the expectations of the law (see Section 2.4, below). In addition, we have leveraged the existing communications within the Company, specifically through our procurement personnel, to encourage supplier interactions with Assent as well for them to

understand the need for completion of the surveys. Feedback from this process has allowed us to enhance the training, focus it and adapt it to each user's needs. It has also allowed for our supplier communications to be more focused and ensure expectations are clear.

2.2.5 Grievance Mechanism

We have longstanding grievance mechanisms whereby employees and suppliers can report violations of the Company's policies, including our conflict minerals policy.

2.2.6 Records Maintenance

We have retained all relevant documentation from our RCOI and due diligence. Our existing policy related to relevant documentation of our conflict mineral compliance process requires that documentation will be retained for a period of at least five years.

2.3 Identify and Assess Risk in Our Supply Chain

Because of our size, the complexity of our products, and the depth, breadth, and constant evolution of our supply chain, it is difficult for us to identify actors upstream from our direct suppliers.

We rely on suppliers whose materials or components contain 3TG to provide us with information about the source of 3TG contained in those materials or components. Our direct suppliers similarly rely upon information provided by their suppliers. Many of the largest suppliers either are SEC registrants and subject to the Rule or are suppliers to other SEC registrants that are subject to the Rule.

In accordance with OECD Guidelines, it is important to understand risk levels associated with conflict minerals in the supply chain. Smelters that are not certified as DRC-Conflict Free by third party sources such as the Conflict-Free Sourcing Initiative ("CFSI") or the London Bullion Market Association ("LBMA") Responsible Gold Programme, pose a significant risk. Where a smelter is not identified as Conflict Free by such sources, we rate the risk as High, Medium or Low. This rating is based on various factors, including whether the smelter/refiner has been identified as a valid smelter/refiner and has an associated Smelter Identification Number (under the CFSI, this is known as a CID), and the smelter's geographic location, including proximity to the Covered Countries.

We calculate supplier risk based on the chances that a supplier provides 3TGs that may originate from Non-Conflict Free sources. The value of this risk is calculated based on the risk ratings of the smelters declared by that Supplier on their CMRT.

Additionally, suppliers are evaluated on program strength (further assisting in identifying risk in the supply chain). Evaluating and tracking the strength of the program can assist in making key risk mitigation decisions as the program progresses. The criteria used to evaluate the strength of the supplier's program are:

- · Do you have a policy in place that includes DRC conflict-free sourcing?
- Have you implemented due diligence measures for conflict-free sourcing?
- Do you verify due diligence information received from your suppliers?
- · Does your verification process include corrective action management?

When suppliers answer yes, they are deemed to have a strong program. When suppliers do not meet those criteria, they are deemed to have a weak program.

As part of our risk management plan and to ensure suppliers understand our expectations, we have, through a third party, provided video and written training on conflict minerals and the CMRT. This includes instructions on completing the form, and one-on-one email and phone discussions with supplier personnel.

Additionally, in designing and implementing our strategy to respond to the supply chain risks that we identified, Allied Motion, through the use of consultants, analyzed various industry approaches and consulted with other companies in our industry. Tracing materials back to their mine of origin is a complex aspect of responsible sourcing in our supply chain. We have determined

that seeking information about 3TG smelters and refiners in our supply chain represents the most reasonable effort we can make to determine the mines or locations of origin of the 3TGs in our supply chain. This was done by adopting methodology outlined by the CFSI's joint industry programs and outreach initiatives and requiring our suppliers to conform with the same standards to meet the OECD Guidelines, and report to us using the CMRT. Through this industry joint effort, we made reasonable determination of the mines or locations of origin of the 3TGs in our supply chain. We also requested that all of our suppliers support the initiative by following the sourcing initiative and working to align their declared sources with the "Known" and "Conflict Free" lists of sourced metals.

2.4 Design and Implement a Strategy to Respond to Risks

In response to this risk assessment, the Company has an approved risk management plan through which the conflict minerals program is implemented, managed and monitored. Updates to this risk assessment are provided regularly to senior management.

As part of our risk management plan, to ensure suppliers understand our expectations, we have provided both video, recorded training and documented instructions through Assent. We answered all questions that suppliers requiring further clarification presented to us. We then provided each supplier a copy of the EICC-GeSI reporting CMRT to complete for purposes of conflict minerals tracking. Furthermore, we reviewed responses to the reporting CMRT with specific suppliers where we needed clarification. As described in our conflict minerals policy, we intend to engage any of our suppliers whom we have reason to believe are supplying us with 3TG from sources that may support conflict in a Covered Country to establish an alternative source of 3TG that does not support such conflict, as provided in the OECD guidance.

2.5 Carry out Independent Third Party Audit of Supply Chain Due Diligence at Identified Points in the Supply Chain

Allied Motion does not have a direct relationship with conflict minerals smelters or refiners and as a result, Allied Motion does not perform direct audits of these entities in its supply chain. Allied Motion relies on the efforts of the industry associations that administer independent third-party smelter and refinery audit programs and encourages suppliers with more direct relationships with smelters to participate in comparable due diligence validation activities.

2.6 Report on Supply Chain Due Diligence

This conflict minerals report is being filed with the SEC as an exhibit to our specialized disclosure report on Form SD and is available on our website at www.alliedmotion.com under "Investor Relations".

3. Due Diligence

3.1 Design of Due Diligence

Allied Motion designed its due diligence process to be in conformity, in all material respects, with the due diligence framework in the Organization of Economic Co-operation and Development Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas, Second Edition and related Supplements on Tin, Tantalum and Tungsten and on Gold (collectively the "OECD Guidance"). Allied Motion's due diligence process is based on multi-industry initiatives with the smelters and refiners who provide conflict minerals within global supply chains.

3.2 Due Diligence Results

During our due diligence efforts, members of Assent and/or members of the Allied Motion supply chain team made at least three follow-up inquiries to each "failed" supplier who did not respond to our initial survey, by phone or email. Assent reviewed the responses against criteria developed to determine which required further engagement with our suppliers. These criteria included incomplete responses as well as inconsistencies within the data reported in the CMRT. Assent worked directly with those suppliers to provide revised responses.

The information that we received from a majority of our suppliers was at their company-wide level. Thus, the smelters or refiners identified by our suppliers contained in the tables below may contain smelters or refiners that processed conflict minerals that our suppliers supplied to their other customers, but not to us. As a result, we are unable to conclusively determine whether the smelters or refiners included in Appendix A were used to process the conflict minerals necessary to the functionality or production of our products during 2015. Because of this uncertainty, we are also unable to conclusively determine whether each of the countries of origin listed were the country of origin of conflict minerals in our products during 2015, and therefore also unable to conclusively determine the source and chain of custody of those conflict minerals. In addition, the third-party audits conducted by the CFSI, the LBMA and the information that we receive from our suppliers may yield inaccurate or incomplete information. For example, the

information received from our suppliers may be incomplete because they may not have received accurate and complete conflict minerals information from all of the suppliers in their own supply chain. We also do not have access to audit reports or detailed findings of the third-party audits conducted as part of the CFSI Conflict-Free Smelter Program or the LBMA Responsible Gold Programme and, as a result, are not responsible for the quality of these audits or the audit findings.

Appendix A includes, as of April 15, 2016, the smelters or refiners identified by our suppliers that may have been used to process conflict minerals necessary to the functionality or production of our products during 2015 For all responses that indicated a smelter, our third party consultant compared the facilities listed to the list of smelters maintained by the Conflict-Free Sourcing Initiative ("CFSI"). If a supplier indicated that the facility was identified as "Conflict-Free", Assent confirmed that the name was listed by CFSI as a Conflict-Free smelter. No violations were identified. As of Date, we have validated 319 smelters or refiners and we are working to validate the additional smelter/refiner entries from the submitted CMRTs. We have not listed in Appendix A any smelters or refiners that we have not been able to validate. Appendix A also includes an aggregated list of the countries of origin from which the reported facilities collectively source conflict minerals, based on information provided by suppliers and the CFSI.

Based on the smelter lists provided by suppliers via the CMRTs and publically available information, we have identified 214 Conflict-Free smelters.

3.3 **Efforts to Determine Mine or Location of Origin**

By requesting our suppliers to complete the CMRT, and, as the program progresses, requiring full completion of all necessary smelter identification information which will enable the validation and disclosure of the smelters as well as the tracing of the 3TGs to their location of origin. we have determined that seeking information about 3TG smelters and refiners in our supply chain represents the most reasonable effort we can make to determine the mines or locations of origin of the 3TG in our supply chain.

Planned Process Improvements

We have taken or intend to take the following steps to improve our conflict minerals program:

- Track and add new suppliers as they enter Allied Motion's supply chain to the Company's Conflict Minerals program. a.
- Engage with suppliers and direct them to training resources to attempt to increase the response rate and improve the content of the supplier survey responses.
- Engage any of our suppliers found to be supplying us with 3TG from sources in a Covered Country that they cannot demonstrate are "DRC conflict free" to establish an alternative source of 3TG that they can demonstrate are "DRC conflict free".

Appendix A

Metal	Standard Smelter Name	Smelter Facility Location	Conflict Free?
Gold	Advanced Chemical Company	UNITED STATES	
Gold	Aida Chemical Industries Co., Ltd.	JAPAN	Yes
Gold	Aktyubinsk Copper Company TOO	KAZAKHSTAN	
Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES	
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY	Yes
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN	
Gold	AngloGold Ashanti Córrego do Sítio Mineração	BRAZIL	Yes
Gold	Argor-Heraeus SA	SWITZERLAND	Yes
Gold	Asahi Pretec Corporation	JAPAN	Yes
Gold	Asahi Refining Canada Limited	CANADA	Yes
Gold	Asahi Refining USA Inc.	UNITED STATES	Yes
Gold	Asaka Riken Co., Ltd.	JAPAN	Yes
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY	Yes
Gold	Aurubis AG	GERMANY	Yes
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES	Yes
Gold	Bauer Walser AG	GERMANY	
Gold	Boliden AB	SWEDEN	Yes
Gold	C. Hafner GmbH + Co. KG	GERMANY	Yes
Gold	Caridad	MEXICO	
Gold	CCR Refinery - Glencore Canada Corporation	CANADA	Yes
Gold	Cendres + Métaux SA	SWITZERLAND	
Gold	Chimet S.p.A.	ITALY	Yes
Gold	Chugai Mining	JAPAN	
Gold	Daejin Indus Co., Ltd.	KOREA, REPUBLIC OF	
Gold	Daye Non-Ferrous Metals Mining Ltd.	CHINA	
Gold	Do Sung Corporation	KOREA, REPUBLIC OF	
Gold	DODUCO GmbH	GERMANY	Yes
Gold	Dowa	JAPAN	Yes
Gold	Eco-System Recycling Co., Ltd.	JAPAN	Yes
Gold	Elemetal Refining, LLC	UNITED STATES	Yes
Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES	Yes
Gold	Faggi Enrico S.p.A.	ITALY	
Gold	Fidelity Printers and Refiners Ltd.	ZIMBABWE	
Gold	Gansu Seemine Material Hi-Tech Co., Ltd.	CHINA	
Gold	Geib Refining Corporation	UNITED STATES	
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA	
Gold	Guangdong Jinding Gold Limited	CHINA	
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA	
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA	
Gold	Heimerle + Meule GmbH	GERMANY	Yes
Gold	Heraeus Ltd. Hong Kong	CHINA	Yes

Gold	Heraeus Precious Metals GmbH & Co. KG	GERMANY	Yes
Gold	Hunan Chenzhou Mining Co., Ltd.	CHINA	
Gold	Hwasung CJ Co., Ltd.	KOREA, REPUBLIC OF	

Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Company Limited	CHINA	
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN	Yes
Gold	Istanbul Gold Refinery	TURKEY	Yes
Gold	Japan Mint	JAPAN	Yes
Gold	Jiangxi Copper Company Limited	CHINA	Yes
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION	Yes
Gold	JSC Uralelectromed	RUSSIAN FEDERATION	Yes
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN	Yes
Gold	Kaloti Precious Metals	UNITED ARAB EMIRATES	
Gold	Kazakhmys Smelting LLC	KAZAKHSTAN	
Gold	Kazzinc	KAZAKHSTAN	Yes
Gold	Kennecott Utah Copper LLC	UNITED STATES	Yes
Gold	KGHM Polska Miedź Spółka Akcyjna	POLAND	
Gold	Kojima Chemicals Co., Ltd.	JAPAN	Yes
Gold	Korea Metal Co., Ltd.	KOREA, REPUBLIC OF	
Gold	Korea Zinc Co. Ltd.	KOREA, REPUBLIC OF	
Gold	Kyrgyzaltyn JSC	KYRGYZSTAN	
Gold	L' azurde Company For Jewelry	SAUDI ARABIA	
Gold	Lingbao Gold Company Limited	CHINA	
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA	
Gold	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF	Yes
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA	
Gold	Materion	UNITED STATES	Yes
Gold	Matsuda Sangyo Co., Ltd.	JAPAN	Yes
Gold	Metahub Industries Sdn. Bhd.	MALAYSIA	
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA	Yes
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE	Yes
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA	
Gold	Metalor Technologies SA	SWITZERLAND	Yes
Gold	Metalor USA Refining Corporation	UNITED STATES	Yes
Gold	METALÚRGICA MET-MEX PEÑOLES, S.A. DE C.V	MEXICO	Yes
Gold	Mitsubishi Materials Corporation	JAPAN	Yes
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN	Yes
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA	Yes
Gold	Morris and Watson	NEW ZEALAND	
Gold	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION	Yes
Gold	Nadir Metal Rafineri San. Ve Tic. A.Ş.	TURKEY	Yes
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN	
Gold	Nihon Material Co., Ltd.	JAPAN	Yes
Gold	Ögussa Österreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA	Yes
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN	Yes
Gold	OJSC "The Gulidov Krasnovarsk Non-Ferrous Metals Plant" (OJSC	RUSSIAN FEDERATION	Yes

Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN	Yes
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC	RUSSIAN FEDERATION	Yes
	Krastsvetmet)		
Gold	OJSC Kolyma Refinery	RUSSIAN FEDERATION	
Gold	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION	Yes
Gold	PAMP SA	SWITZERLAND	Yes
Gold	Penglai Penggang Gold Industry Co., Ltd.	CHINA	
Gold	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION	Yes
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA	Yes
Gold	PX Précinox SA	SWITZERLAND	Yes
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA	Yes
Gold	Republic Metals Corporation	UNITED STATES	Yes
Gold	Royal Canadian Mint	CANADA	Yes
Gold	SAAMP	FRANCE	
Gold	Sabin Metal Corp.	UNITED STATES	
Gold	Samduck Precious Metals	KOREA, REPUBLIC OF	
Gold	SAMWON Metals Corp.	KOREA, REPUBLIC OF	
Gold	SAXONIA Edelmetalle GmbH	GERMANY	
Gold	Schone Edelmetaal B.V.	NETHERLANDS	Yes
Gold	SEMPSA Joyería Platería SA	SPAIN	Yes
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA	
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA	Yes
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA	Yes
Gold	Singway Technology Co., Ltd.	TAIWAN	Yes
Gold	So Accurate Group, Inc.	UNITED STATES	
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION	Yes
Gold	Solar Applied Materials Technology Corp.	TAIWAN	Yes
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN	Yes
Gold	T.C.A S.p.A	ITALY	Yes
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN	Yes
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA	Yes
Gold	Tokuriki Honten Co., Ltd.	JAPAN	Yes

Ltda. Just Metals Thailand Jusiness Unit Precious Metals Refining S Metal Refining, Inc. Julian Mint trading as The Perth Mint Jusiness Metal Co., Ltd. Justiness Metals Ltd Justiness Metals Ltd Justiness Metals Ltd. Justiness Metals Ltd. Justiness Metals Aizu Justiness Metals Aizu Justiness Metals Aizu Justiness Metals Metals Metals Metals Justiness Metals Metals Metals Justiness Metals Metals Justiness Metals Metals Justiness Metals Metals Justiness Metals Justines	THAILAND Yeng BELGIUM Yeng UNITED STATES Yeng SWITZERLAND Yeng GERMANY JAPAN Yeng JAPAN Yeng CHINA Tation CHINA Yeng CHINA CHINA Yeng CHINA Ye	Yes
ous Metals Thailand usiness Unit Precious Metals Refining s Metal Refining, Inc. dian Mint trading as The Perth Mint elmetalle GmbH cious Metal Co., Ltd. al Co., Ltd. r Industry Co., Ltd. did Smelter of Zhongjin Gold Corporati roup Co., Ltd. Gold Refinery Metals Ltd h Tantalum Niobium Co., Ltd. lum and Niobium Smeltry s, LLC dics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili bran lu, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd. ng New Raw Material	BRAZIL THAILAND Ye THAILAND Ye BELGIUM UNITED STATES YE SWITZERLAND YE AUSTRALIA YE GERMANY JAPAN YE JAPAN YE CHINA THAILAND YE CHINA THAILAND YE CHINA THAILAND YE CHINA THAILAND YE CHINA	Yes
ous Metals Thailand usiness Unit Precious Metals Refining s Metal Refining, Inc. dian Mint trading as The Perth Mint elmetalle GmbH cious Metal Co., Ltd. al Co., Ltd. r Industry Co., Ltd. did Smelter of Zhongjin Gold Corporati roup Co., Ltd. Gold Refinery Metals Ltd h Tantalum Niobium Co., Ltd. lum and Niobium Smeltry s, LLC dics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili bran lu, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd. ng New Raw Material	THAILAND Yeng BELGIUM Yeng UNITED STATES Yeng SWITZERLAND Yeng GERMANY JAPAN Yeng JAPAN Yeng CHINA Tation CHINA Yeng CHINA CHINA Yeng CHINA Ye	Yes
usiness Unit Precious Metals Refining is Metal Refining, Inc. dian Mint trading as The Perth Mint elmetalle GmbH cious Metal Co., Ltd. cal Co., Ltd. r Industry Co., Ltd. did Smelter of Zhongjin Gold Corporation of the company of	BELGIUM UNITED STATES YE SWITZERLAND AUSTRALIA GERMANY JAPAN JAPAN YE CHINA Tation CHINA YE CHINA CHINA	Yes
usiness Unit Precious Metals Refining is Metal Refining, Inc. dian Mint trading as The Perth Mint elmetalle GmbH cious Metal Co., Ltd. cal Co., Ltd. r Industry Co., Ltd. did Smelter of Zhongjin Gold Corporation of the company of	BELGIUM UNITED STATES YE SWITZERLAND AUSTRALIA GERMANY JAPAN JAPAN YE CHINA Tation CHINA YE CHINA CHINA	Yes
s Metal Refining, Inc. Ilian Mint trading as The Perth Mint elmetalle GmbH cious Metal Co., Ltd. Ital Co., Ltd. Industry Co., Ltd. Id Smelter of Zhongjin Gold Corporation of Co., Ltd. Industry Co., Ltd.	UNITED STATES SWITZERLAND AUSTRALIA GERMANY JAPAN JAPAN YE JAPAN CHINA CHINA CHINA CHINA CHINA YE UNITED KINGDOM CHINA YE UNITED STATES YE CHINA UNITED STATES YE CHINA UNITED STATES YE CHINA YE YE GERMANY YE YE YE YE JAPAN YE YE JAPAN	Yes
alian Mint trading as The Perth Mint elmetalle GmbH cious Metal Co., Ltd. cal Co., Ltd. r Industry Co., Ltd. Id Smelter of Zhongjin Gold Corporati roup Co., Ltd. Gold Refinery Metals Ltd h Tantalum Niobium Co., Ltd. lum and Niobium Smeltry s, LLC cics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. cua Xinyun Technology Ltd., Kaili brai cua Xinyun Technology	SWITZERLAND Ye AUSTRALIA Ye GERMANY JAPAN Ye JAPAN Ye CHINA Tation CHINA Ye CHINA CHINA Ye CHINA CHINA Ye CHINA VE CHINA CHINA Ye CHINA VE CHINA VE CHINA CHINA VE CHINA CHINA CHINA YE CHINA CHINA YE CHINA CHINA YE CHINA CHINA THAILAND TH	Yes
elmetalle GmbH cious Metal Co., Ltd. cal Refinery cal Metals Ltd cal Michigan Smeltry cal Co., Ltd. cal Metals Ltd. cal Metals Aizu cal Metals Aizu cal Metals Boyertown cal Co., Ltd. cal Metals Boyertown cal Co., Ltd. cal Metals Boyertown cal Co., Ltd. cal Metals Co., Ltd. cal Metals Co., Ltd. cal Co., Ltd. c	AUSTRALIA GERMANY JAPAN YE JAPAN YE JAPAN CHINA Tation CHINA CHIN	Yes
elmetalle GmbH cious Metal Co., Ltd. cal Refinery cal Metals Ltd cal Michigan Smeltry cal Co., Ltd. cal Metals Ltd. cal Metals Aizu cal Metals Aizu cal Metals Boyertown cal Co., Ltd. cal Metals Boyertown cal Co., Ltd. cal Metals Boyertown cal Co., Ltd. cal Metals Co., Ltd. cal Metals Co., Ltd. cal Co., Ltd. c	GERMANY JAPAN Ye JAPAN Ye CHINA Tation CHINA CHINA CHINA Ye UNITED KINGDOM CHINA CHINA Ye UNITED STATES Ye CHINA UNITED STATES Ye CHINA Ye Ye GERMANY Ye GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES Ye GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES Ye GERMANY Ye GERMANY Ye GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES Ye GERMANY	Yes
cious Metal Co., Ltd. cal Co., Ltd. Gold Refinery cal Metals Ltd cal Tantalum Niobium Co., Ltd. cal Ltd. cal Metals Ltd. cal Metals Ltd. cal Metals Aizu cal Metals Aizu cal Metals Boyertown cal Co., Ltd. cal Metals Boyertown cal Co., Ltd. cal Metals Co., Ltd. cal Metals Co., Ltd. cal Metals Co. cal Co., Ltd.	JAPAN Ye JAPAN Ye CHINA Ye CHINA UNITED STATES Ye CHINA UNITED STATES UNITED STATES UNITED STATES Ye CHINA Ye UNITED STATES Ye CHINA Ye GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES Ye CHINA YE	Yes
al Co., Ltd. r Industry Co., Ltd. lum Co., Ltd. r Industry Co., Ltd. lum and Niobium Co., Ltd. lum and Niobium Smeltry s, LLC r Inc. r Industry s, LLC r Inc. r Industry s, Ltd. r Inc. r Industry s, Ltd. r Inc. r Industry s, Ltd. r Inc. r Intalum & Niobium Co., Ltd. r Industry s, Ltd. r Industry s, Ltd. r Industry s, Ltd. r Inc. r Intalum & Niobium Co., Ltd. r Intalum & Niobium Co., Ltd. r Industry s, Ltd. r Industry s, Ltd. r Industry s, Ltd. r Inc. r Intalum & Niobium Co., Ltd. r Intalum & Niobium Co., Ltd. r Industry s, Ltd.	Tation CHINA Ye CHINA Ye UNITED KINGDOM CHINA Ye UNITED STATES VE CHINA YE UNITED STATES UNITED STATES UNITED STATES UNITED STATES UNITED STATES VE CHINA YE CHINA YE UNITED STATES UNITED STATES VE CHINA YE GERMANY THAILAND YE GERMANY SE GERMANY THAILAND YE	Yes
Industry Co., Ltd. Id Smelter of Zhongjin Gold Corporation of Co., Ltd. Gold Refinery Metals Ltd h Tantalum Niobium Co., Ltd. lum and Niobium Smeltry s, LLC Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. mua Xinyun Technology Ltd., Kaili brand, Ltd. mbH Goslar mbH Laufenburg mmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd. ng New Raw Material	CHINA Tation CHINA Ye UNITED KINGDOM CHINA Ye CHINA Ye CHINA Ye CHINA Ye UNITED STATES Ye CHINA UNITED STATES UNITED STATES Ye CHINA Ye UNITED STATES Ye CHINA Ye GERMANY Ye GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES Ye CHINA	Yes
ld Smelter of Zhongjin Gold Corporation roup Co., Ltd. Gold Refinery Metals Ltd h Tantalum Niobium Co., Ltd. lum and Niobium Smeltry s, LLC hics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. hua Xinyun Technology Ltd., Kaili brand, Ltd. hibH Goslar hibH Laufenburg hibH Laufenburg himsdorf GmbH c. d. helting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	ration CHINA Ye UNITED KINGDOM CHINA Ye CHINA Ye CHINA Ye UNITED STATES Ye CHINA Ye UNITED STATES UNITED STATES UNITED STATES Ye CHINA Ye CHINA Ye UNITED STATES Ye CHINA Ye CHINA Ye CHINA Ye CHINA Ye CHINA Ye GHINA Ye GERMANY Ye GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES Ye CHINA THAILAND Ye GERMANY Ye GERMANY Ye UNITED STATES Ye GERMANY YE YE JAPAN	Yes
roup Co., Ltd. Gold Refinery Metals Ltd h Tantalum Niobium Co., Ltd. lum and Niobium Smeltry s, LLC dics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. hua Xinyun Technology Ltd., Kaili bran, Ltd. hbH Goslar hbH Laufenburg rmsdorf GmbH c. d. helting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	CHINA YE UNITED KINGDOM CHINA YE CHINA YE CHINA YE UNITED STATES YE CHINA YE UNITED STATES UNITED STATES UNITED STATES YE CHINA YE CHINA YE CHINA YE CHINA YE CHINA YE CHINA YE JAPAN YE JAPAN YE CHINA YE CHINA YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE JAPAN	Yes
roup Co., Ltd. Gold Refinery Metals Ltd h Tantalum Niobium Co., Ltd. lum and Niobium Smeltry s, LLC dics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. hua Xinyun Technology Ltd., Kaili bran, Ltd. hbH Goslar hbH Laufenburg rmsdorf GmbH c. d. helting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	CHINA YE UNITED KINGDOM CHINA YE CHINA YE CHINA YE UNITED STATES YE CHINA YE UNITED STATES UNITED STATES UNITED STATES YE CHINA YE CHINA YE CHINA YE CHINA YE CHINA YE CHINA YE JAPAN YE JAPAN YE CHINA YE CHINA YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE JAPAN	Yes
roup Co., Ltd. Gold Refinery Metals Ltd h Tantalum Niobium Co., Ltd. lum and Niobium Smeltry s, LLC dics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. hua Xinyun Technology Ltd., Kaili bran, Ltd. hbH Goslar hbH Laufenburg rmsdorf GmbH c. d. helting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	CHINA YE UNITED KINGDOM CHINA YE CHINA YE CHINA YE UNITED STATES YE CHINA YE UNITED STATES UNITED STATES YE CHINA YE CHINA YE CHINA YE CHINA YE JAPAN YE UNITED STATES YE CHINA YE JAPAN YE GERMANY YE GERMANY YE UNITED STATES YE CHINA YE C	Yes
Metals Ltd h Tantalum Niobium Co., Ltd. lum and Niobium Smeltry s, LLC nics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili bran, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	UNITED KINGDOM CHINA CHINA Ye CHINA UNITED STATES YE CHINA UNITED STATES UNITED STATES YE CHINA YE CHINA YE CHINA YE JAPAN YE UNITED STATES YE CHINA YE GERMANY YE GERMANY YE UNITED STATES YE CHINA YE C	Yes
h Tantalum Niobium Co., Ltd. lum and Niobium Smeltry s, LLC lics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili bran, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	CHINA YE CHINA YE UNITED STATES YE CHINA YE UNITED STATES UNITED STATES UNITED STATES YE CHINA YE CHINA YE JAPAN YE UNITED STATES YE CHINA YE JAPAN YE CHINA YE CHINA YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE	Yes
lum and Niobium Smeltry s, LLC lics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. liu, Ltd. hbH Goslar hbH Laufenburg rmsdorf GmbH c. l. l. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	CHINA YE UNITED STATES YE CHINA YE UNITED STATES UNITED STATES UNITED STATES YE CHINA YE CHINA YE JAPAN YE JAPAN YE UNITED STATES YE CHINA YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE JAPAN YE	Yes
s, LLC dics Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. aua Xinyun Technology Ltd., Kaili branch, Ltd. abh Goslar abh Laufenburg armsdorf GmbH b. d. d. elting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	UNITED STATES YE CHINA YE UNITED STATES UNITED STATES YE CHINA YE CHINA YE CHINA YE JAPAN YE UNITED STATES YE CHINA YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE GERMANY YE GERMANY YE JAPAN YE	Yes
Aterials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili bran h, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	CHINA YE UNITED STATES UNITED STATES YE CHINA YE CHINA YE CHINA YE JAPAN YE JAPAN YE UNITED STATES YE CHINA YE CHINA YE GERMANY YE GERMANY YE UNITED STATES YE GERMANY YE GERMANY YE GERMANY YE JAPAN YE	Yes
Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili brand, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	UNITED STATES UNITED STATES Ye CHINA Ye CHINA Ye JAPAN Ye UNITED STATES Ye CHINA Ye CHINA Ye GERMANY Ye GERMANY Ye UNITED STATES Ye GERMANY Ye GERMANY Ye UNITED STATES	Yes
Materials Ltd. Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili brand, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	UNITED STATES YE CHINA YE CHINA YE JAPAN YE JAPAN YE UNITED STATES YE CHINA YE CHINA YE OTANCH CHINA THAILAND YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE JAPAN YE	Yes
Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili brand, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	CHINA Ye CHINA Ye JAPAN Ye UNITED STATES Ye CHINA Ye oranch CHINA THAILAND Ye GERMANY Ye GERMANY Ye UNITED STATES Ye JAPAN Ye	Yes
Resource Ltd. ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili brand, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	CHINA YE JAPAN YE UNITED STATES YE CHINA YE CHINA THAILAND YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE JAPAN YE	Yes
ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili bran n, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	JAPAN Ye UNITED STATES Ye CHINA Ye Oranch CHINA THAILAND Ye GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES Ye JAPAN Ye	Yes
ed Metals Aizu ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili bran n, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	JAPAN Ye UNITED STATES Ye CHINA Ye Oranch CHINA THAILAND Ye GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES Ye JAPAN Ye	Yes
ed Metals Boyertown iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili bran n, Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	UNITED STATES YE CHINA YE Oranch CHINA THAILAND YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE JAPAN YE	Yes Yes Yes Yes Yes Yes Yes
iyuan New Material Co., Ltd. nua Xinyun Technology Ltd., Kaili bran n, Ltd. nbH Goslar nbH Laufenburg ormsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	CHINA Ye oranch CHINA THAILAND Ye GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES YE JAPAN YE	Yes Yes Yes Yes Yes Yes
nua Xinyun Technology Ltd., Kaili bran ., Ltd. nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	oranch CHINA THAILAND Ye GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES Ye JAPAN Ye	Yes Yes Yes Yes Yes
a., Ltd. InbH Goslar InbH Laufenburg Immsdorf GmbH I. I. Inelting GmbH & Co.KG Ig Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. I Tantalum & Niobium Co., Ltd. Ing New Raw Material	THAILAND YE GERMANY YE GERMANY YE GERMANY YE UNITED STATES YE JAPAN YE	Yes Yes Yes Yes
nbH Goslar nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd.	GERMANY Ye GERMANY Ye GERMANY Ye UNITED STATES Ye JAPAN Ye	Yes Yes Yes Yes
nbH Laufenburg rmsdorf GmbH c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd. ng New Raw Material	GERMANY Ye GERMANY Ye UNITED STATES Ye JAPAN Ye	Yes Yes Yes
rmsdorf GmbH c. d. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd. ng New Raw Material	GERMANY Ye UNITED STATES Ye JAPAN Ye	Yes Yes
c. d. nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd. ng New Raw Material	UNITED STATES Ye JAPAN Ye	Yes
d. Helting GmbH & Co.KG S Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. I Tantalum & Niobium Co., Ltd. Heg New Raw Material	JAPAN Ye	
nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd. ng New Raw Material	JAPAN Ye	
nelting GmbH & Co.KG g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd. ng New Raw Material		Yes
g Xing Lifeng New Materials Co., Ltd. alty Metals, Inc. i Tantalum & Niobium Co., Ltd. ng New Raw Material	OTIVITI 1	Yes
alty Metals, Inc. i Tantalum & Niobium Co., Ltd. ig New Raw Material		Yes
i Tantalum & Niobium Co., Ltd. ng New Raw Material		
ng New Raw Material		Yes
		Yes
Nonferrous Metals Co. Ltd		Yes
		Yes
Co., Ltd.		Yes
ao Tantalum & Niobium Co., Ltd.	CHINA Ye	Yes
Metals		Yes
Powder		Yes
		Yes
A.		Yes
oca S.A.		Yes
& Smelting	JAPAN Ye	Yes Yes
et A.S.	ESTONIA Ye	
		Yes
zen		Yes Yes Yes
	AUSTRIA	Yes Yes Yes Yes
ıtte		Yes Yes Yes Yes Yes
ıtte	AUSTRIA Ye	Yes Yes Yes Yes Yes Yes
	AUSTRIA Ye UNITED STATES Ye	Yes Yes Yes Yes Yes Yes Yes
a e Comércio Ltda.	AUSTRIA Ye UNITED STATES Ye BRAZIL Ye	Yes Yes Yes Yes Yes Yes Yes
a e Comércio Ltda. Smeltry Co., Ltd.	AUSTRIA Ye UNITED STATES Ye BRAZIL Ye CHINA Ye	Yes
a e Comércio Ltda.	AUSTRIA Ye UNITED STATES Ye BRAZIL Ye CHINA Ye RUSSIAN FEDERATION Ye	Yes Yes Yes Yes Yes Yes Yes
2 1 2 1 2 1 3 4	Co., Ltd. to Tantalum & Niobium Co., Ltd. Metals owder lum Industry Ltd roducts India Pvt., Ltd. bca S.A. & Smelting	Co., Ltd. CHINA Storman Co., Ltd. CHINA Storman Co., Ltd. CHINA Storman Co., Ltd. CHINA Storman Co., Ltd. MEXICO Storman Co., Ltd. CHINA Storman China CHINA Storman STORM

CHINA

Gold

Tongling Nonferrous Metals Group Co., Ltd.

т.		CHINIA	T 7
Гin Гin	China Tin Group Co., Ltd. CNMC (Guangxi) PGMA Co., Ltd.	CHINA CHINA	Yes
in	Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL	Yes
Tin	CV Ayi Jaya	INDONESIA	Yes
in	CV Dua Sekawan	INDONESIA	163
in	CV Gita Pesona	INDONESIA	Yes
in	CV Serumpun Sebalai	INDONESIA	Yes
ïn	CV Tiga Sekawan	INDONESIA	100
in	CV United Smelting	INDONESIA	Yes
in	CV Venus Inti Perkasa	INDONESIA	Yes
in	Dowa	JAPAN	Yes
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock	VIET NAM	103
	Company	, 121 111111	
in	Elmet S.L.U. (Metallo Group)	SPAIN	Yes
ïn	EM Vinto	BOLIVIA	Yes
in	Estanho de Rondônia S.A.	BRAZIL	100
in	Feinhütte Halsbrücke GmbH	GERMANY	
in	Fenix Metals	POLAND	Yes
in	Gejiu Fengming Metalurgy Chemical Plant	CHINA	100
in	Gejiu Kai Meng Industry and Trade LLC	CHINA	
in	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA	Yes
in	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA	100
in	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA	
in	Guanyang Guida Nonferrous Metal Smelting Plant	CHINA	
in	HuiChang Hill Tin Industry Co., Ltd.	CHINA	
in	Huichang Jinshunda Tin Co., Ltd.	CHINA	
in	Jiangxi Ketai Advanced Material Co., Ltd.	CHINA	Yes
in	Linwu Xianggui Ore Smelting Co., Ltd.	CHINA	162
in	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL	Yes
in	Malaysia Smelting Corporation (MSC)	MALAYSIA	Yes
in	Melt Metais e Ligas S/A	BRAZIL	Yes
in	Metahub Industries Sdn. Bhd.	MALAYSIA	162
in	Metallic Resources, Inc.	UNITED STATES	Yes
	· · · · · · · · · · · · · · · · · · ·		
	Motallo Chimiquo N V	DEI CILIM	Voc
Γin Γin	Metallo-Chimique N.V. Mineração Taboca S.A.	BELGIUM BRAZIL	Yes Yes
		BRAZIL	
in in	Mineração Taboca S.A. Minsur	BRAZIL PERU	Yes Yes
in in in	Mineração Taboca S.A. Minsur Mitsubishi Materials Corporation	BRAZIL PERU JAPAN	Yes
in in in in	Mineração Taboca S.A. Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd.	PERU JAPAN CHINA	Yes Yes
in in in in	Mineração Taboca S.A. Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company	PERU JAPAN CHINA VIET NAM	Yes Yes Yes
in in in in in	Mineração Taboca S.A. Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd.	PERU JAPAN CHINA VIET NAM THAILAND	Yes Yes Yes
in in in in in in	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc.	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES	Yes Yes Yes Yes Yes
in	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A.	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA	Yes Yes Yes
in in in in in in in	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd.	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA	Yes Yes Yes Yes Yes
in	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes Yes Yes Yes Yes Yes Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA INDONESIA	Yes Yes Yes Yes Yes Yes Yes Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA INDONESIA INDONESIA	Yes Yes Yes Yes Yes Yes Yes Yes Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA INDONESIA INDONESIA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA	Yes Yes Yes Yes Yes Yes Yes Yes Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Prima Tin	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Prima Tin PT Bangka Timah Utama Sejahtera	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Timah Utama Sejahtera PT Bangka Timah Utama Sejahtera	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Timah Utama Sejahtera PT Bangka Tin Industry PT Belitung Industri Sejahtera	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Prima Tin PT Bangka Timah Utama Sejahtera PT Bangka Tin Industry PT Belitung Industri Sejahtera PT BilliTin Makmur Lestari	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Prima Tin PT Bangka Timah Utama Sejahtera PT Bangka Tin Industry PT Belitung Industri Sejahtera PT BilliTin Makmur Lestari PT Bukit Timah	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Prima Tin PT Bangka Timah Utama Sejahtera PT Bangka Tin Industry PT Belitung Industri Sejahtera PT BilliTin Makmur Lestari PT Bukit Timah PT Cipta Persada Mulia	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Prima Tin PT Bangka Tinah Utama Sejahtera PT Belitung Industri Sejahtera PT Billi Tin Makmur Lestari PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Prima Tin PT Bangka Timah Utama Sejahtera PT Belitung Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Timah Utama Sejahtera PT Bangka Tin Industry PT Belitung Industri Sejahtera PT BilliTin Makmur Lestari PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Fang Di MulTindo	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Tinn PT Bangka Tinnh Utama Sejahtera PT Bangka Tin Industry PT Belitung Industri Sejahtera PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Fang Di MulTindo PT Inti Stania Prima	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Tinn Hutama Sejahtera PT Bangka Tin Industry PT Belitung Industri Sejahtera PT BilliTin Makmur Lestari PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Fang Di MulTindo PT Inti Stania Prima PT Justindo	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Prima Tin PT Bangka Timah Utama Sejahtera PT Belitung Industry PT Belitung Industry PT Belitung Industry PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Fang Di MulTindo PT Inti Stania Prima PT Justindo PT Karimun Mining	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Rudai Tin PT Bangka Prima Tin PT Bangka Timah Utama Sejahtera PT Belitung Industry PT Belitung Industry Sejahtera PT Bulit Tim Makmur Lestari PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Fang Di MulTindo PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Prima Tin PT Bangka Tin Industry PT Belitung Industri Sejahtera PT BilliTin Makmur Lestari PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Fang Di MulTindo PT Inti Stania Prima PT Justindo PT Kijang Jaya Mandiri	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Timah Utama Sejahtera PT Bangka Timah Utama Sejahtera PT Belitung Industry PT Belitung Industry PT Belitung Industry PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Fang Di MulTindo PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Mitra Stania Prima	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
in i	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Frima Tin PT Bangka Timah Utama Sejahtera PT Bangka Timah Utama Sejahtera PT Belitung Industri Sejahtera PT Buliti'n Makmur Lestari PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Fang Di MulTindo PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Mitra Stania Prima PT Mitra Stania Prima PT Panca Mega Persada PT Pelat Timah Nusantara Tbk	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes
	Minsur Mitsubishi Materials Corporation Nankang Nanshan Tin Manufactory Co., Ltd. Nghe Tinh Non-Ferrous Metals Joint Stock Company O.M. Manufacturing (Thailand) Co., Ltd. O.M. Manufacturing Philippines, Inc. Operaciones Metalurgical S.A. Phoenix Metal Ltd. PT Alam Lestari Kencana PT Aries Kencana Sejahtera PT Artha Cipta Langgeng PT ATD Makmur Mandiri Jaya PT Babel Inti Perkasa PT Bangka Kudai Tin PT Bangka Timah Utama Sejahtera PT Bangka Timah Utama Sejahtera PT Belitung Industry PT Belitung Industry PT Belitung Industry PT Bukit Timah PT Cipta Persada Mulia PT DS Jaya Abadi PT Eunindo Usaha Mandiri PT Fang Di MulTindo PT Inti Stania Prima PT Justindo PT Karimun Mining PT Kijang Jaya Mandiri PT Mitra Stania Prima	PERU JAPAN CHINA VIET NAM THAILAND PHILIPPINES BOLIVIA RWANDA INDONESIA	Yes

INDONESIA

INDONESIA

INDONESIA

INDONESIA

INDONESIA

Yes

Yes

Yes

Yes

Tin

Tin

Tin

Tin

Tin

PT Refined Bangka Tin

PT Sariwiguna Binasentosa

PT Seirama Tin Investment

PT Stanindo Inti Perkasa

PT Sukses Inti Makmur

	Per C. J. T. J. J.	TAID CALLEGY A	***
Tin	PT Sumber Jaya Indah	INDONESIA	Yes
Tin	PT Timah (Persero) Tbk Kundur	INDONESIA	Yes
Tin	PT Timah (Persero) Tbk Mentok	INDONESIA	Yes
Tin	PT Tinindo Inter Nusa	INDONESIA	Yes
Tin	PT Tirus Putra Mandiri	INDONESIA	
Tin	PT Tommy Utama	INDONESIA	Yes
Tin	PT Wahana Perkit Jaya	INDONESIA	Yes
Tin	Resind Indústria e Comércio Ltda.	BRAZIL	Yes

TP' .	D 'D-II	TEA IXA7A NI	3 7
Tin	Rui Da Hung	TAIWAN	Yes
Tin	Soft Metais Ltda.	BRAZIL	Yes
Tin	Thaisarco	THAILAND	Yes
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIET NAM	**
Tin	VQB Mineral and Trading Group JSC	VIET NAM	Yes
Tin	White Solder Metalurgia e Mineração Ltda.	BRAZIL	Yes
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA	
Tin	Yunnan Tin Group (Holding) Company Limited	CHINA	Yes
Tungsten	A.L.M.T. TUNGSTEN Corp.	JAPAN	Yes
Tungsten	ACL Metais Eireli	BRAZIL	
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM	Yes
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA	Yes
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA	Yes
Tungsten	Dayu Jincheng Tungsten Industry Co., Ltd.	CHINA	
Tungsten	Dayu Weiliang Tungsten Co., Ltd.	CHINA	
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	CHINA	Yes
Tungsten	Ganxian Shirui New Material Co., Ltd.	CHINA	
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA	Yes
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA	Yes
Tungsten	Ganzhou Non-ferrous Metals Smelting Co., Ltd.	CHINA	
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA	Yes
Tungsten	Ganzhou Yatai Tungsten Co., Ltd.	CHINA	Yes
Tungsten	Global Tungsten & Powders Corp.	UNITED STATES	Yes
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA	Yes
Tungsten	H.C. Starck GmbH	GERMANY	Yes
Tungsten	H.C. Starck Smelting GmbH & Co.KG	GERMANY	Yes
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA	Yes
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA	
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Yanglin	CHINA	
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA	Yes
Tungsten	Hydrometallurg, JSC	RUSSIAN FEDERATION	Yes
Tungsten	Japan New Metals Co., Ltd.	JAPAN	Yes
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA	
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	CHINA	
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA	Yes
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA	100
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA	
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA	
Tungsten	Jiangxi Xinsheig Tungsten Houstry Co., Etc. Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	CHINA	Yes
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA	103
Tungsten	Kennametal Fallon	UNITED STATES	
Tungsten	Kennametal Huntsville	UNITED STATES UNITED STATES	Yes
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA	Yes
Tungsten	Moliren Ltd	RUSSIAN FEDERATION	162
Tungsten	Niagara Refining LLC	UNITED STATES	Yes
ı ungsten	Makara Kerining PPC	UNITED STATES	162

Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC	VIET NAM	Yes
Tungsten	Philippine Chuangin Industrial Co., Inc.	PHILIPPINES	
Tungsten	Pobedit, JSC	RUSSIAN FEDERATION	Ī
Tungsten	Sanher Tungsten Vietnam Co., Ltd.	VIET NAM	
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	VIET NAM	Yes
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.	VIET NAM	Yes
Tungsten	Wolfram Bergbau und Hütten AG	AUSTRIA	Yes
Tungsten	Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF	
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA	Yes
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA	Yes
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA	
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA	Yes

3TG origins may have included: Argentina, Australia, Australia, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Columbia, Cote D'Ivoire, Czech Republic, Djibouti, Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Japan, Kazakhstan, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russia, Sierra Leone, Singapore, Slovakia, South Korea, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Vietnam, Zimbabwe, Kenya, Mozambique, South Africa, Democratic Republic of the Congo, Angola, Burundi, Central African Republic, Republic of Congo, Rwanda, South Sudan, Tanzania, Uganda, and Zambia.